



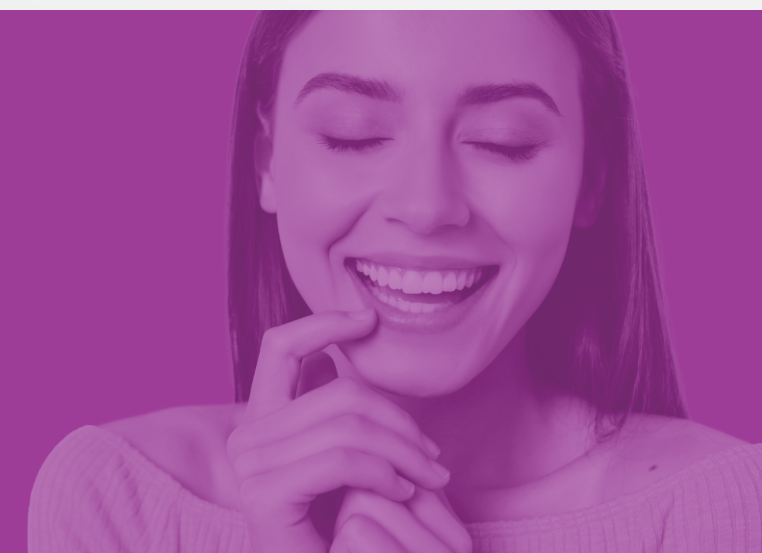
Nextin Biocare Pvt. Ltd. - India

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NEXTIN
TILTEDTM
IMPLANT SYSTEM



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Caring for your smile

Nextin Biocare Pvt. Ltd. After successful journey of over 15 yrs in Orthopaedic Implants, joins Dental Implant Space. We have started NBPL with an initial production capacity of 200 Thousand implants annually which whenever needed can be expanded to 1 million implants per annum with State of art GMP standard plant in Rajkot we takes pride in using Swiss machinery and German Titanium raw materials of Highest Quality.

Complete range of dental implants includes regular 2-stage implants with hex & tapered connections, with zygoma & pterygoid implants, basal and compressive also in our basket to serve cost effective solution to India and world dental industries.

Our products are registered with CDSCO and also ISO certified.



Mr. Yogesh Sagparia
-Director

With over two decades of entrepreneurship experience, I firmly believe that quality and innovation are paramount for any business to succeed. It is imperative for Indian manufacturers to adopt a quality-centric approach to compete globally, focusing on incremental improvements to enhance overall quality and end-user experience.

At Nextin Biocare Pvt. Ltd., we are dedicated to bringing smiles to our customers and doctors alike. We believe that when you smile, the world smiles with you.



Mr. Milan Davda
-Director

Our mission at Nextin Biocare Pvt. Ltd. is to manufacture world-class quality implants and instruments in India, setting a new standard of excellence that will make our country proud. We are dedicated to offering high-quality products at competitive prices, ensuring that every individual can smile confidently.

Hex Family



Nextin Biocare Pvt. Ltd has a wide range of internal hexagonal implants designs, which include SPERA[®], PTERYGOFIT[®], BASOFIT[®], ZYGOFIT[®]. This All range offer Superior performance and patient satisfaction due to their durable, reliable & secure Hexagonal connection.

SPERA[®] are tapered implants with two large variable threads & a tapered core enable accurate implant placement, self-tapping, Improved aesthetics and better load distribution. This comes with Dia. 3.5 to 6mm & Length 6.25-18mm.

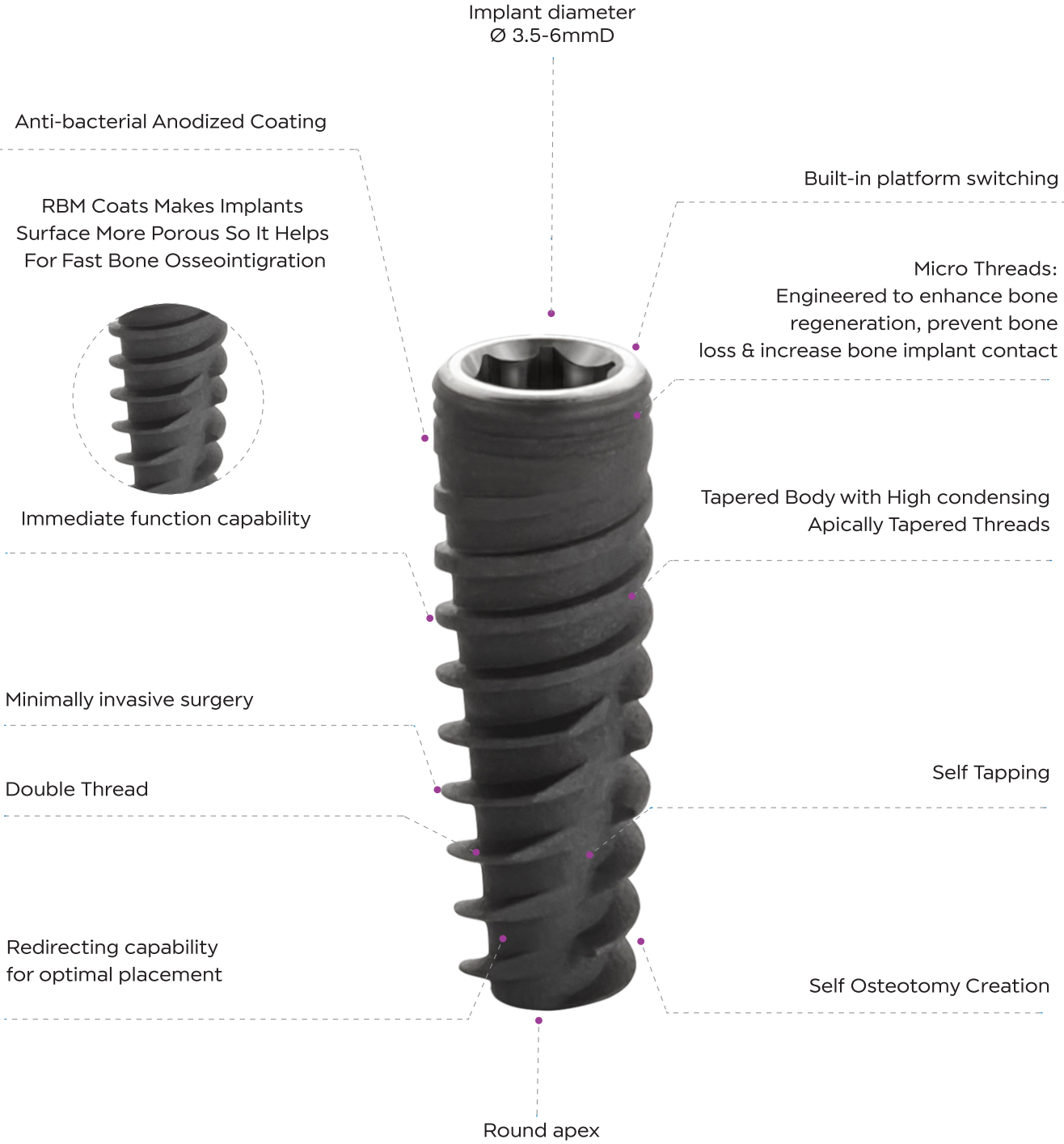
PTERYGOFIT[®] are apically Tapered core body implant with anodized Pink Collar to improved Aesthetic, Double self-cutting thread & Tapered apex which facilitates faster insertion & enhance primary stability. This comes with Dia. 4.2mm & Length 13-25mm.

BASOFIT[®] is apically Tapered core body implant with anodized Pink Collar to improved Aesthetic & small thread to increase BIC with Narrowed down Sharp apex which facilitates faster insertion & enhance primary stability. This comes with Dia. 3.75mm & Length 10-24mm.

ZYGOFIT[®] is apically Tapered core body implant with round shape apex which provides wider surface area to improve BIC with improved stability. Implant have Machined smooth shaft to reduce friction with soft tissue. This comes with Dia. 3.75mm, 4.2mm & Length 35-50mm.



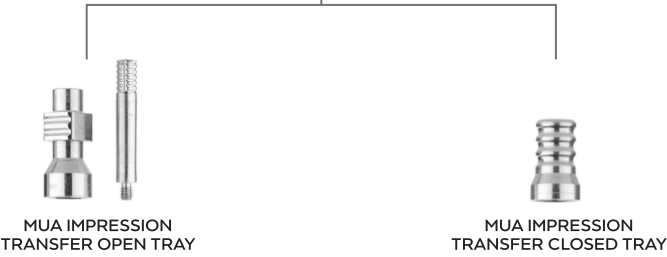
SPERA™
Conventional Implants



Screw
Retained Multi Unit Flow Diagram



MUA ABUTMENT REPLICA



MUA HEALING CAP



Cement
Retained Restoration Flow Diagram

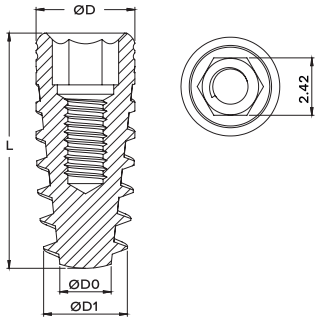
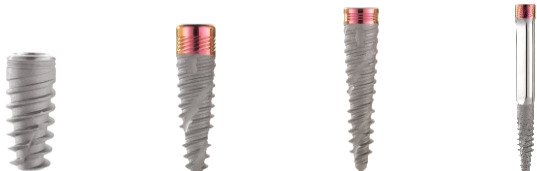


INTERNAL
HEX IMPLANT ANALOG



IMPLANT
COVER SCREW

HEALING
ABUTMENT



SPERA™
Conventional Implants

(Recommended Insertion
Torque up to 50 Ncm)



Length	6.25	8	10	11.5	13	16	18
D0 D1 1.5 2.8							
Diameter(D) Ø 3.5	C106	C108	C110	C111	C113	C116	C118

Length	6.25	8	10	11.5	13	16	18
D0 D1 1.7 3.0							
Diameter(D) Ø 3.75	C206	C208	C210	C211	C213	C216	C218

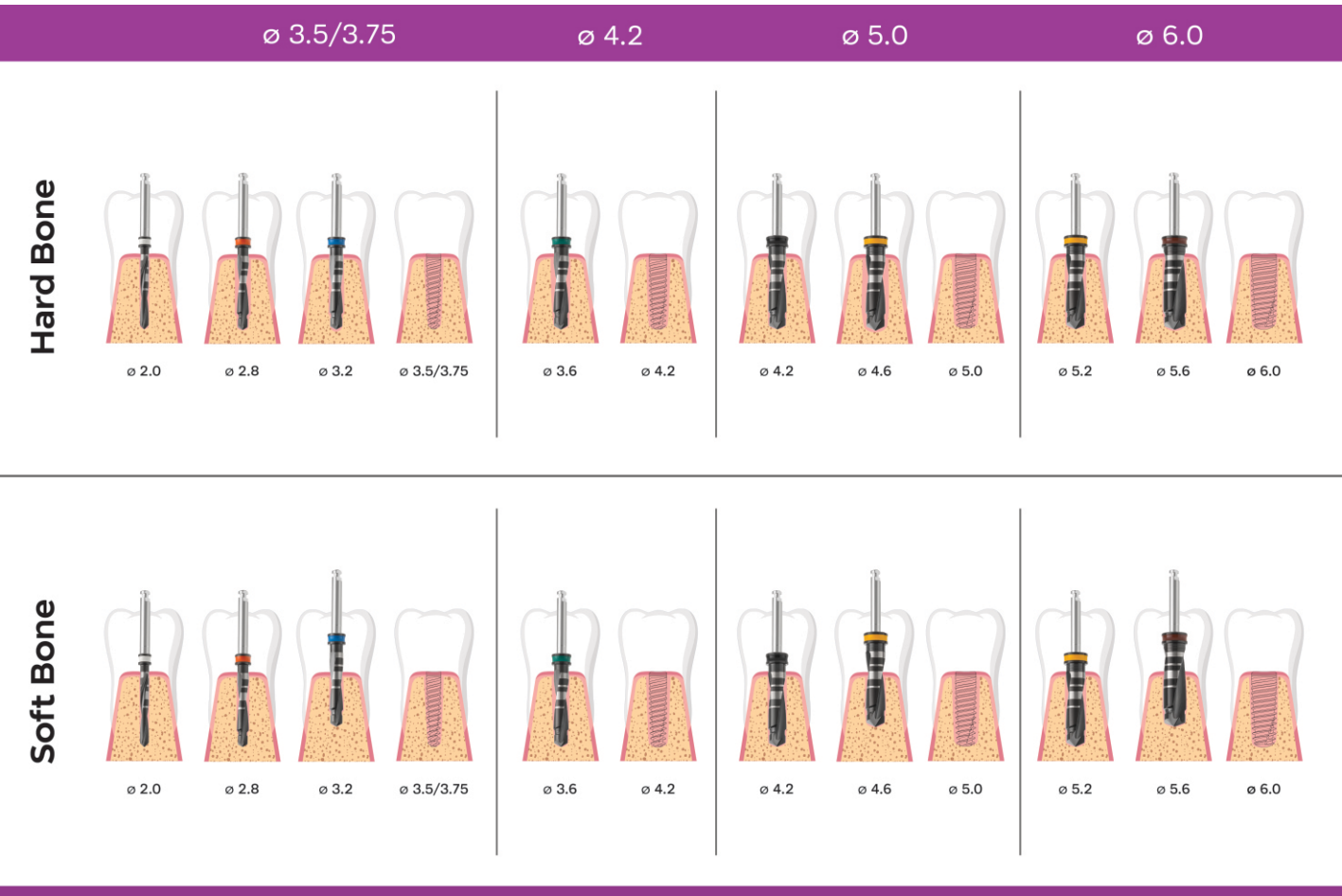
Length	6.25	8	10	11.5	13	16	18
D0 D1 2.2 3.5							
Diameter(D) Ø 4.2	C306	C308	C310	C311	C313	C316	C318

Length	6.25	8	10	11.5	13	16	18
D0 D1 3.0 4.3							
Diameter(D) Ø 5.0	C406	C408	C410	C411	C413	C416	C418

Length	8	10	11.5	13	16	18
D0 D1 4.0 5.5						
Diameter(D) Ø 6.0	C508	C510	C511	C513	C516	C518

DRILLING SEQUENCE

Implant Diameter



Drilling for Drill Dia of

- Ø 2.0mm | 1200 - 1300 RPM
- Ø 2.8mm | 800 - 1000 RPM
- Ø 3.2mm | 500 - 700 RPM
- Ø 3.6mm | 400 - 700 RPM
- Ø 4.2mm | 400 - 600 RPM
- Ø 4.6mm | 400 - 600 RPM
- Ø 5.2mm | 400 - 600 RPM

All measurements are in mm

SPERA™ Packing



SPERA™ Case Study

Following case study is one of our SPERA® Implant case study.

OPG Pre-operative Condition



The patient reported with full edentulism in the upper and lower jaws, along with moderate to severe alveolar bone resorption. There was sufficient bone volume for placement of conventional implants without the need for grafting. The patient desired a fixed, functional, and aesthetic prosthetic solution.

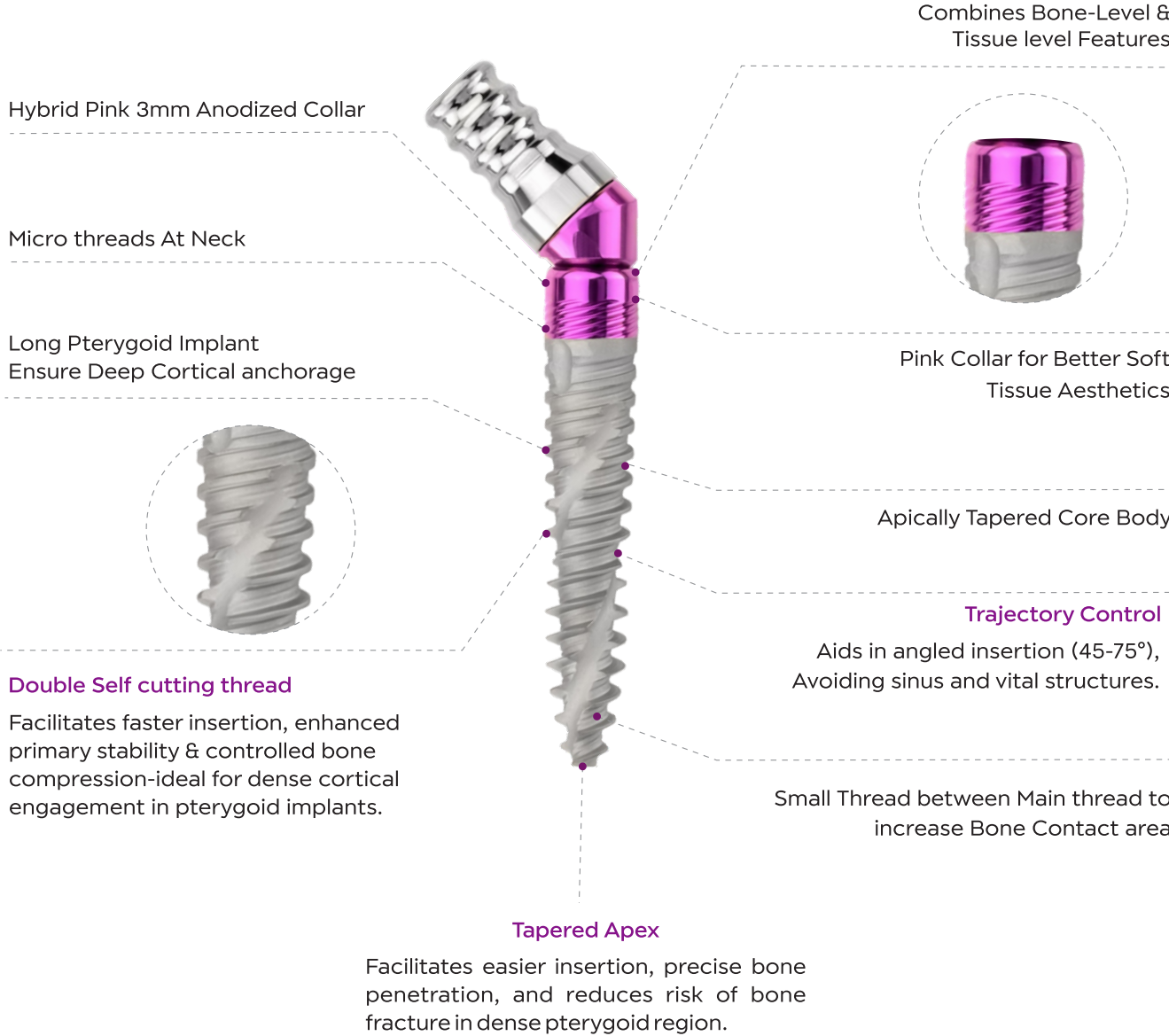
OPG after Insertion

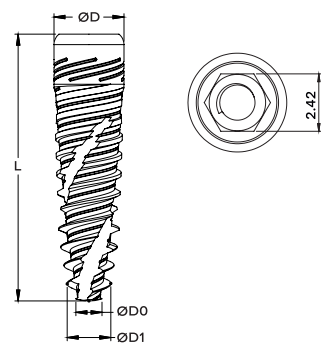


A full-mouth rehabilitation was performed using the All-on-6 protocol with SPERA conventional implants in both upper and lower jaws. The implants were strategically placed for optimal load distribution. Immediate loading was done with a temporary prosthesis, followed by the final prosthesis placement after osseointegration. The patient achieved excellent function, aesthetics, and comfort post-treatment



PTERYGOFIT™
Conventional Implants





PTERYGOFIT™ Conventional Implants

(Recommended Insertion
Torque up to 50 Ncm)

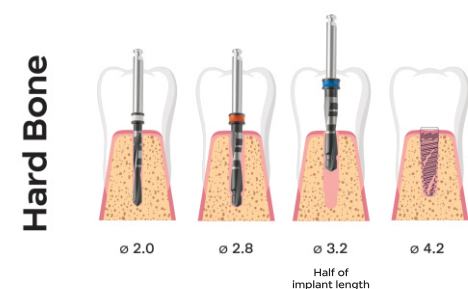
Length	13	16	18	20	22.5	25
D0 D1 2.35 4.2						
Diameter(D) Ø 4.2	PT213	PT216	PT218	PT220	PT222	PT225

Drilling Protocol

DRILLING SEQUENCE

Implant Diameter

Ø 4.2



Drilling for Drill Dia of

Ø 2.0mm | 1200 - 1300 RPM
Ø 2.8mm | 800 - 1000 RPM
Ø 3.2mm | 500 - 700 RPM
Ø 4.2mm | 400 - 600 RPM

All measurements are in mm

PTERYGOFIT™ Packing



PTERYGOFIT™ Case Study

Following case study is one of our PTERYGOFIT™ Implant case study.

OPG Pre-operative Condition



The patient presented with severe maxillary and mandibular edentulism, advanced alveolar bone loss, and complete loss of masticatory function. Poor oral health had led to diminished self-esteem, compromised speech, and significant dietary restrictions.

OPG after Insertion



In this full-mouth rehabilitation case using PETERGOFIT® pterygoid implants, a comprehensive treatment approach was adopted, combining various implant types tailored to the patient's anatomical and functional needs. The restoration was completed with an All-on-Six protocol in both the upper and lower jaws. The final prosthesis was delivered with immediate loading, ensuring rapid restoration of function, aesthetics, and patient confidence.



BASOFIT™
Conventional Implants



Anodize Pink Polish Collar
to Avoid Peri-implantitis

Two Capsule for
Extra Bone locking

Porous Surface

Condensing Variable
Threads Design.

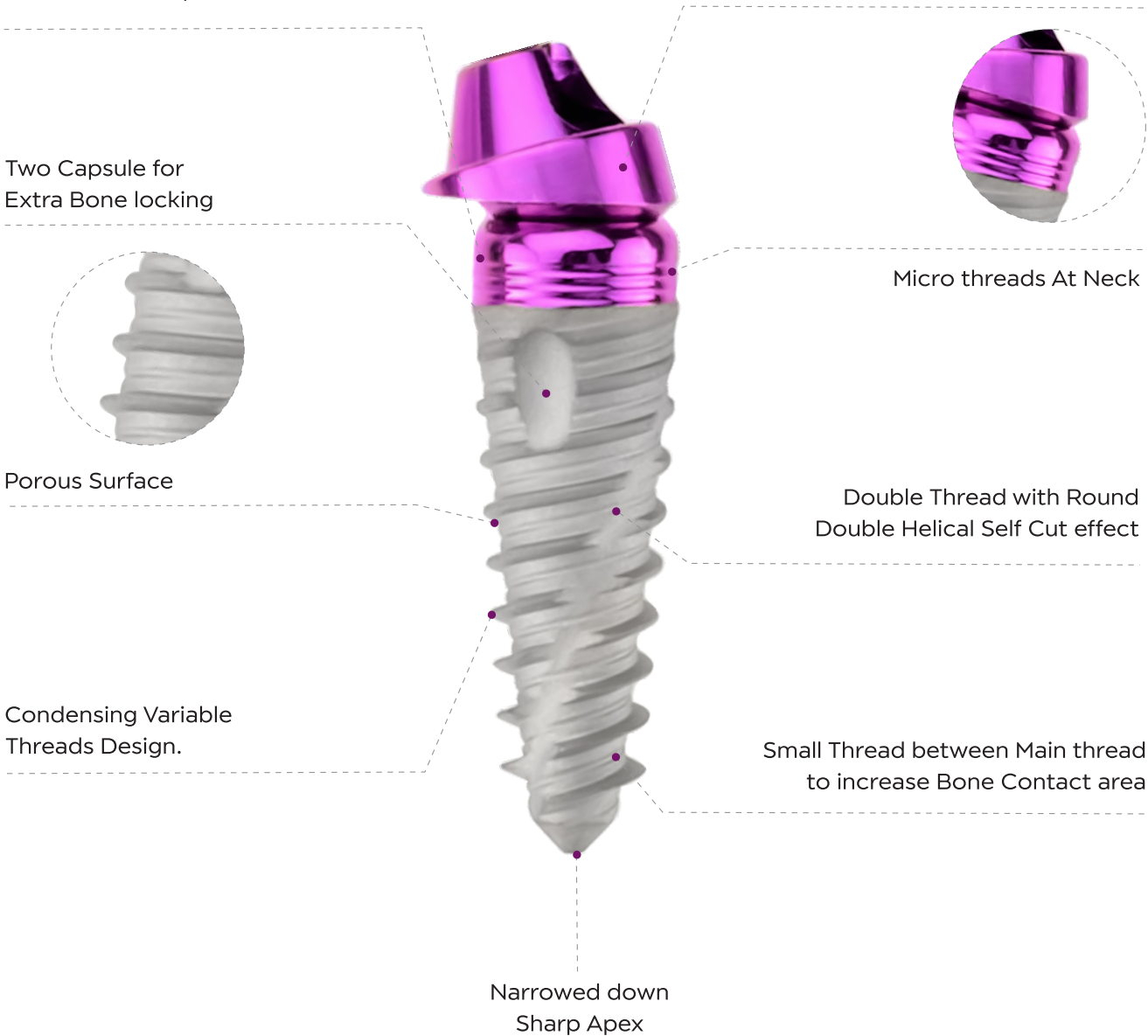
Aesthetically Look Pleasant

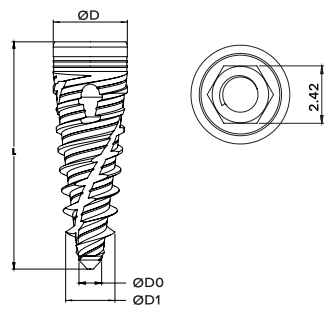
Micro threads At Neck

Double Thread with Round
Double Helical Self Cut effect

Small Thread between Main thread
to increase Bone Contact area

Narrowed down
Sharp Apex





BASOFIT™ Conventional Implants

(Recommended Insertion
Torque up to 50 Ncm)

Length	10	11.5	13	16	18	20	22	24
D0 D1 1.2 2.4								
Diameter(D) Ø 3.75	TI110	TI111	TI113	TI116	TI118	TI120	TI122	TI124

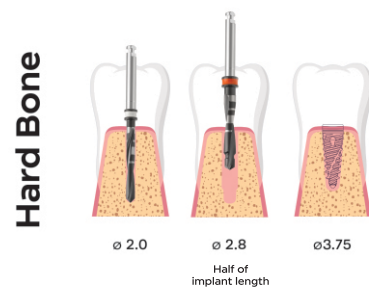
Length	10	11.5	13	16	18	20	22	24
D0 D1 1.2 2.4								
Diameter(D) Ø 4.2	TI210	TI211	TI213	TI216	TI218	TI220	TI222	TI224

Drilling Protocol

DRILLING SEQUENCE

Implant Diameter

Ø 3.75



Drilling for Drill Dia of

Ø 2.0mm | 1200 - 1300 RPM
Ø 2.8mm | 800 - 1000 RPM
Ø 3.75mm | 500 - 700 RPM

All measurements are in mm

BASOFIT™ Packing



BASOFIT™ Case Study

Following case study is one of our BASOFIT™ Implant case study.

OPG Pre-operative Condition



The patient reported with full edentulism in the upper and lower jaws, along with moderate to severe alveolar bone resorption. There was sufficient bone volume for placement of conventional implants without the need for grafting. The patient desired a fixed, functional, and aesthetic prosthetic solution.

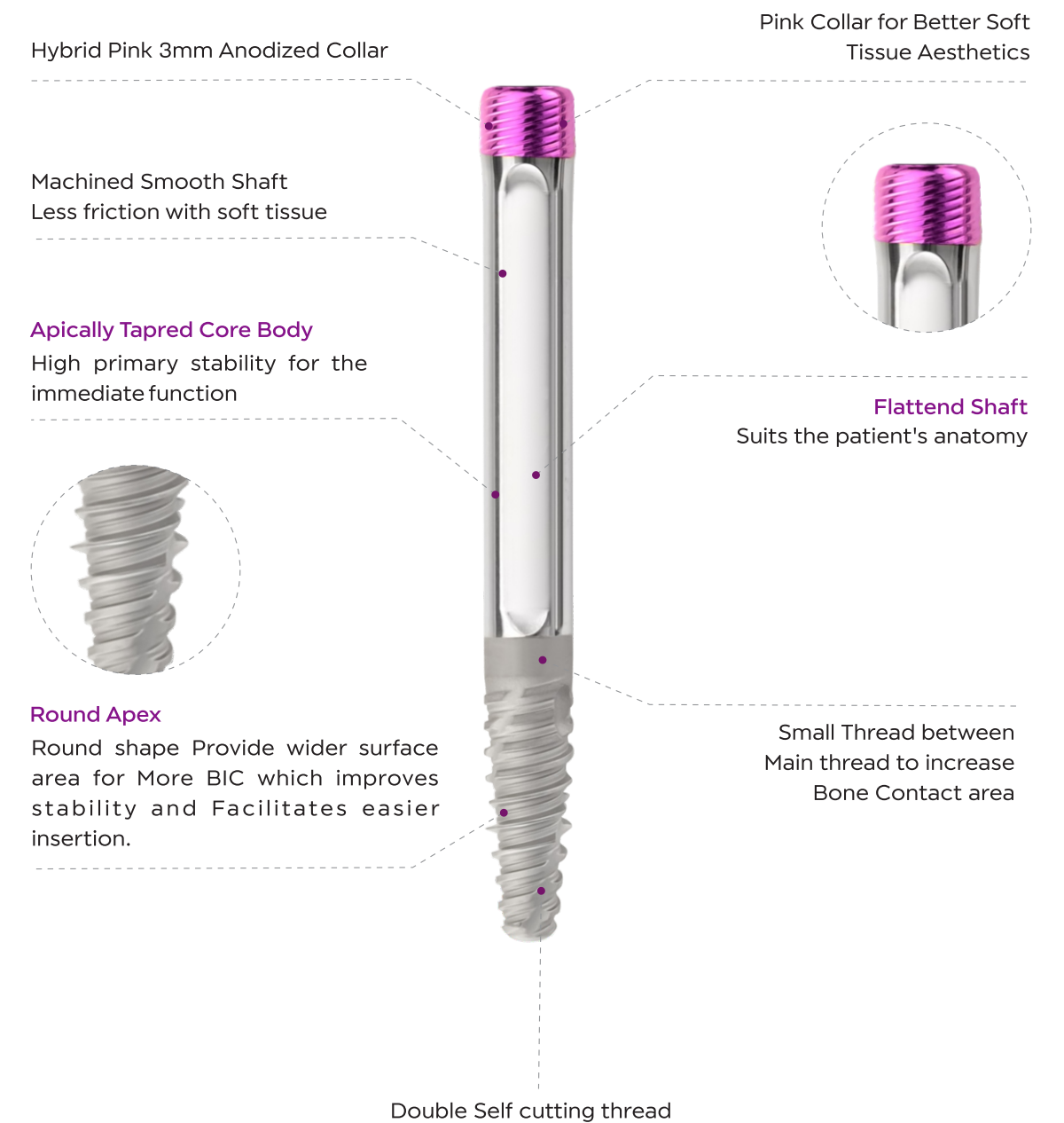
OPG after Insertion

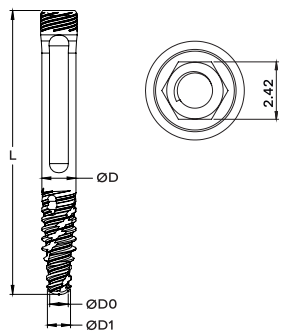


A full-mouth rehabilitation was performed using the All-on-6 protocol with SPERA conventional implants in both upper and lower jaws. The implants were strategically placed for optimal load distribution. Immediate loading was done with a temporary prosthesis, followed by the final prosthesis placement after osseointegration. The patient achieved excellent function, aesthetics, and comfort post-treatment.



ZYGOFIT™ Conventional Implants





ZYGOFIT™ Conventional Implants

(Recommended Insertion
Torque up to 50 Ncm)

Length	35	37.5	40	42.5	45	47.5
D0 D1 1.2 2.4						
Diameter(D) Ø 3.75	Z235	Z237	Z240	Z242	Z245	Z247

Length	50	52.5	55	57.5	60
D0 D1 1.2 2.4					
Diameter(D) Ø 3.75	Z250	Z252	Z255	Z257	Z260

Length	35	37.5	40	42.5	45	47.5
D0 D1 2.2 2.9						
Diameter(D) Ø 4.2	Z335	Z337	Z340	Z342	Z345	Z347

Length	50	52.5	55	57.5	60
D0 D1 2.2 2.9					
Diameter(D) Ø 4.2	Z350	Z352	Z355	Z357	Z360

ZYGOFIT™ Packing

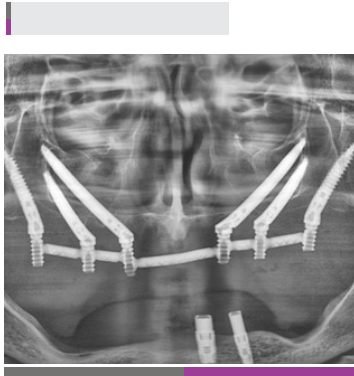


ZYGOFIT™ Case Study

Following case study is one of our ZYGOFIT™ Implant case study.

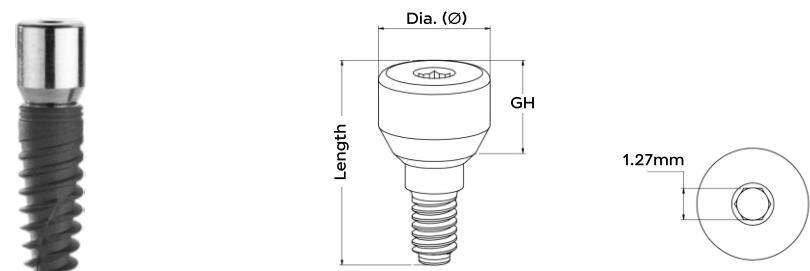


The panoramic X-ray reveals multiple missing teeth and severely compromised dentition. The patient presented with poor oral function, difficulty in mastication, and low self-confidence due to aesthetic and functional limitations. Clinical evaluation showed a Class III skeletal relationship, inadequate bone support, and no feasibility for conventional implants.



Post-surgical X-ray shows successful placement of zygomatic and conventional implants with immediate full-arch rehabilitation. The angulated zygomatic implants are anchored in the zygomatic bone, offering strong posterior support. The final prosthesis has been fixed with immediate loading, restoring not only chewing ability but also the patient's smile and self-esteem. This transformation reflects a comprehensive solution for severe maxillary atrophy with advanced implantology.

Healing Abutment
(Recommended Maximum Tightening Torque 15(Ncm))



- Features**
- Used For Gingival Forming
 - 1.27mm Hex Driver
 - Recommended Maximum Tightening Torque 15(Ncm)
 - Abutment is Chosen According to the Patient's gingival height

Slim Healing Abutment

GH	2.0	3.0	4.0	5.0	6.0	7.0
Length	6.7	7.7	8.7	9.7	10.7	11.7
Diameter Ø 3.50						
	P306	P307	P308	P309	P310	P311

Regular Healing Abutment

GH	2.0	3.0	4.0	5.0	6.0	7.0
Length	6.9	7.9	8.9	9.9	10.9	11.9
Diameter Ø 4.50						
	P206	P207	P208	P209	P210	P211

Wide Healing Abutment

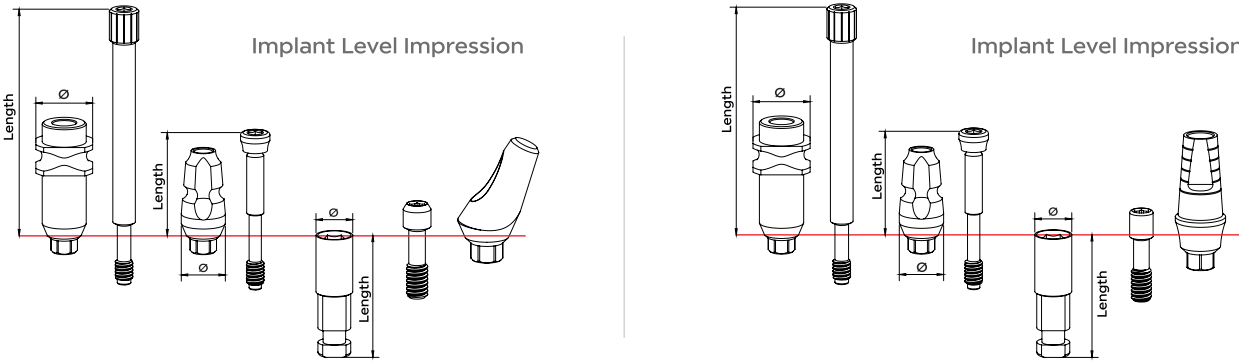
GH	2.0	3.0	4.0	5.0	6.0	7.0
Length	6.8	7.8	8.8	9.8	10.8	11.8
Diameter Ø 6.00						
	P406	P407	P408	P409	P410	P411

Implant Cover Screw

Length	4.75
Diameter Ø 3.5	
	P104

- 1.27mm Hex Driver
- Recommended Maximum Tightening Torque 15(Ncm)
- Used To Prevent Foreign Material From Entering after the Implant Insertion

Transfers & Analogs
(Implant Level)



- Features**
- In Open Tray Impression using a customized tray and in a closed tray Impression using a ready-made tray
 - 1.27mm Hex Driver for Impression Transfer Coping Screw
 - Recommended Maximum Tightening Torque 15(Ncm)
 - Our Impressions is dealing with a single tooth, multiple teeth, bridge or full mouth rehabilitation.

Open Tray Transfer

	Short	Long
Length	20.0	24.0
Diameter		
	P1513	P1617
	P1713	P1717

Closed Tray Transfer

	Short	Long
Length	11.0	15.0
Diameter		
	P1810	P1914
	P2010	P2014

Internal Hex Implant Analog

Length	12.6
Diameter Ø 3.70	
	P2112

Digital Impression Scan Body

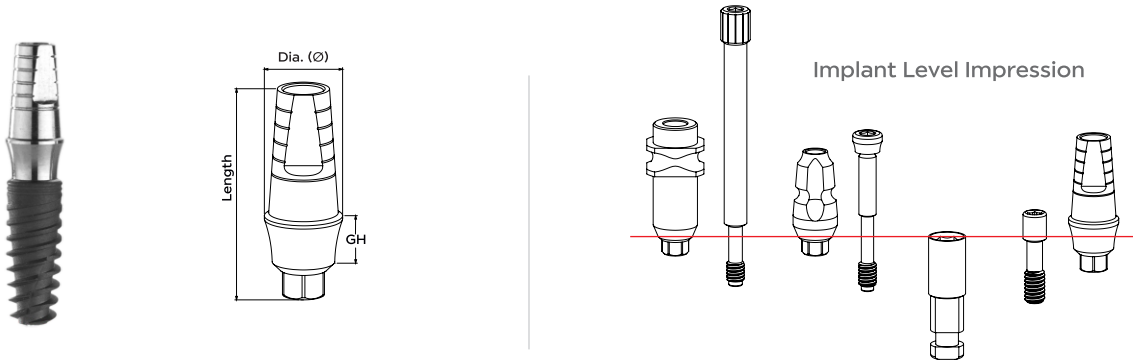
RH	7.0	10.0
Length	8.85	11.85
Diameter Ø 4.20		
	P2301	P2302

Digital Model Analog

Length	10
Diameter Ø 4.2	
	P2201

Cement Retained Restoration

Cemented Abutment



- Features**
- Cement retained restoration
 - 1.27mm Hex Driver for Prosthetic Screw
 - Recommended Maximum Tightening Torque 35(Ncm)
 - Abutment is Chosen According to the Patient's gingival height

Straight Titanium Abutment

GH	1.0	2.0	3.0	4.0	5.0
Length	10.25	11.25	12.25	13.25	14.25
Diameter Ø 4.50					
	P510	P511	P512	P513	P514

Straight Titanium Abutment No-End Line

GH	1.0
Length	10.4
Diameter Ø 4.50	
	P2810

Titanium Abutment 5.0mm Wide

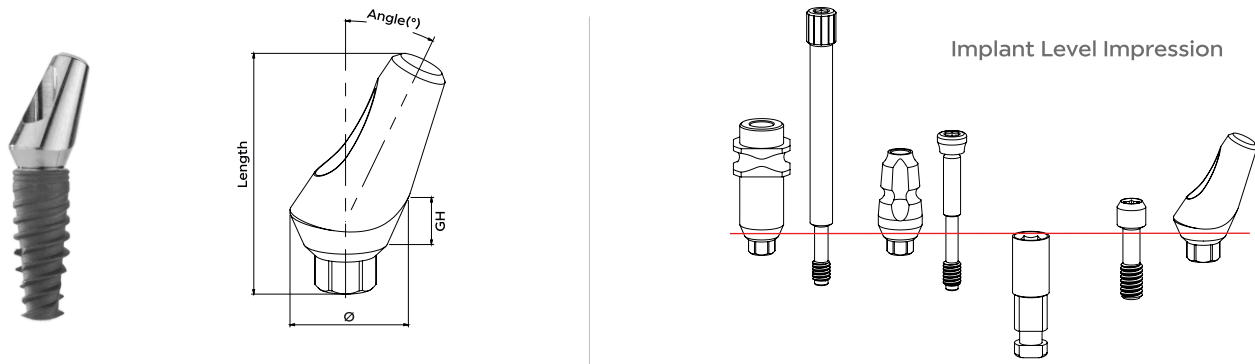
GH	2.2
Length	11.2
Diameter Ø 5.00	
	P611

Prosthetic Screw

Length	8.3	9.5
Diameter Ø2.10		
	P1108	P1111

Cement Retained Restoration

Angled Abutment



- Features**
- Cement retained restoration
 - 1.27mm Hex Driver for Prosthetic Screw
 - Recommended Maximum Tightening Torque 35(Ncm)
 - Abutment is Chosen According to the Patient's gingival height
 - Used in Cases when the Prosthesis' path need to be adjusted.

Angled Titanium Abutment 15°

GH	1.6
Length	10.5
Diameter Ø 4.70	
	P710

Angled Titanium Abutment 25°

GH	2.0
Length	10.6
Diameter Ø 4.70	
	P910

Angled Titanium Abutment 35°

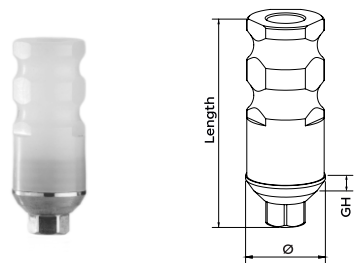
GH	2.0
Length	10.8
Diameter Ø 4.90	
	P1011

Prosthetic Screw for Angled Titanium Abutment

Length	8.2
Diameter Ø 2.40	
	P1109



Screw Retained Restoration
Casting Abutment



Features

- Screw retained restoration
- 1.27mm Hex Driver for Prosthetic Screw
- Recommended Maximum Tightening Torque 35(Ncm)
- Abutment is Chosen According to the Patient's gingival height

Engaging Titanium/Plastic Abutment

GH	1.4
Length	13.0

Diameter	
Ø 4.90	P3813

Non-Engaging Titanium/Plastic Abutment

GH	1.4
Length	12.85

Diameter	
Ø 4.90	P3812

Engaging Plastic Cylinder
Casting Abutment

GH	0.6
Length	13.0

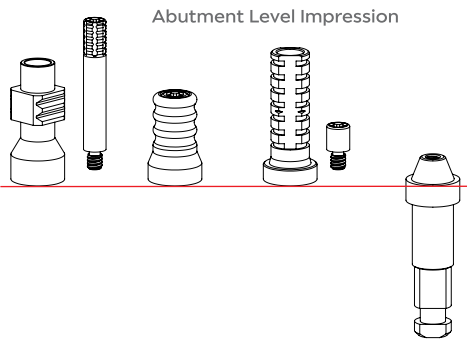
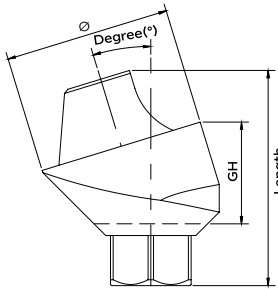
Diameter	
Ø 3.90	P3901

Non-Engaging Plastic Cylinder
Casting Abutment

GH	0.6
Length	13.0

Diameter	
Ø 3.90	P3902

MUA
Multi Unit Abutment



Features

- Screw retained restoration involving multiple units
- 1.27mm Hex Driver for MUA Prosthetic Screw
- Recommended Maximum Tightening Torque 35(Ncm)
- Abutment is Chosen According to the Patient's gingival height
- Used in Cases Where implant have divergent angles and when treating full or partial arch with angled implant or employing the all-on-x technique for full arch restoration.

Straight MUA Abutment 0°

GH	1.0	2.0	3.0	4.0	5.0
Length	3.7	4.7	5.7	6.7	7.7

Diameter					
Ø 4.90	P2601	P2602	2603	P2604	P2605

Angled MUA Abutment 9°

GH	2.0
Length	6.05

Diameter	
Ø 4.90	P1409

Angled MUA Abutment 17°

GH	2.0	3.0
Length	5.35	6.45

Diameter		
Ø 4.90	P1205	P1206

Angled MUA Abutment 30°

GH	3.0	4.0
Length	5.9	6.8

Diameter		
Ø 4.90	P1305	P1306

Angled MUA Abutment 45°

GH	4.0
Length	6.2

Diameter	
Ø 4.90	P1406

Angled MUA Abutment 52°

GH	5.0
Length	6.85

Diameter	
Ø 4.90	P1407

Angled MUA Abutment 60°

GH	5.0
Length	7.65

Diameter	
Ø 4.90	P1408

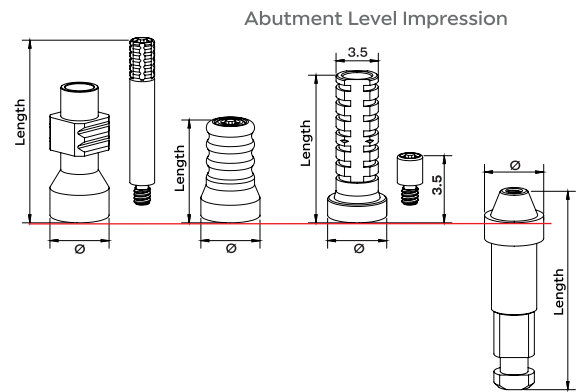
Angled MUA Lock Screw

Length	6.1
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Diameter	
Ø 2.33	P2701

Transfers & Replica

MUA Abutment Level



Features

- In Open Tray Impression using a customized tray and in a closed tray Impression using a ready-made tray
- 1.27mm Hex Driver for Impression Transfer Coping Screw
- Recommended Maximum Tightening Torque 15(Ncm)
- Our Impressions is dealing with a single tooth, multiple teeth, bridge or full mouth rehabilitation.

MUA Impression Transfer Open Tray		MUA Screw for Open Tray Transfer		MUA Impression Transfer Closed Tray	
Length	15.0	Length	14.0	Length	8.0
Diameter		Diameter		Diameter	
Ø 4.9	P3101	Ø 2.1	P3102	Ø 4.9	P3201

MUA Titanium Temporary Cylinder		MUA Prosthetic Screw		MUA Plastic Casting Sleeve w/Prosthetic Screw	
Length	12.0	Length	4.1	Length	12.0
Diameter		Diameter		Diameter	
Ø 4.9	P3301	Ø 2.1	P3302	Ø 4.9	P3401

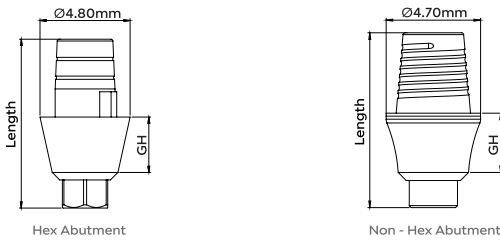
MUA Abutment Replica		MUA Healing Cap		
Length	16.75	Length	5.50	7.0
Diameter		 	 	 
	Ø 4.9			

MUA Scan Body			MUA Digital Model Replica	
Length	6.0	9.0	Length	12.0
Diameter				
	P4801	P4802		P3502
Ø 4.9			Ø 4.9	

Digital Solution



Ti-Base For SPERA Conventional Hex Implant



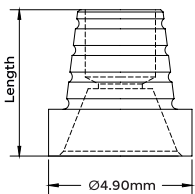
Features

- Cement retained restoration
- Anti-rotational and non-engaging design.
- 1.27mm Hex Driver for Prosthetic Screw
- Recommended Maximum Tightening Torque 35(Ncm)

Ti-Base Hex Abutment			
GH	1.0	2.0	3.0
Length	6.7	8.0	9.0
Diameter			
	Ø 4.80	P4601	P4602

Ti-Base Non-Hex Abutment			
GH	1.0	2.0	3.0
Length	6.4	7.7	8.7
Diameter			
	Ø 4.70	P4701	P4702

Ti-Base for Multi-Unit MUA Cementing Cone



Features

- Only for screw retained restorations.
- Recommended Maximum Tightening Torque 15(Ncm)
- Ti-Base MUA Cementing Cone provides a connection for customized digital restoration.
- The Ti-Base is cemented to the prosthetic ensuring Suitable connection to the implant/Multi Unit.

Ti-Base MUA Cementing Cone	
Length	5.0
Diameter Ø 4.90	
	P4001

Twist Step
Surgical Drills



NEXTIN's Twist Step drills revolutionize drilling protocols by simplifying complex procedures and eliminating the need for multiple drills.

These innovative drills are designed to reduce friction at the cutting site, resulting in a significant decrease in complications often associated with high-speed drilling. By minimizing heat generation and optimizing the drilling process, NEXTIN's Twist Step drills promote faster and better recovery for patients.

With their unique design, these drills condense the drilling protocol, streamlining the procedure and saving valuable time in the dental implant placement process. By eliminating the need for multiple drill changes, NEXTIN's Twist Step drills enhance efficiency and convenience for dental professionals.

Overall, the use of NEXTIN's Twist Step drills offers a cutting-edge solution that improves patient outcomes by reducing complications, speeding up recovery, and simplifying drilling protocols for dental implant procedures.

L		Ø	Color	Catalog No.
Long 8-18mm		Ø 2.0	White	I302
		Ø 2.3 -Ø 2.8	Red	I328
		Ø 2.8 -Ø 3.2	Blue	I332
		Ø 3.2 -Ø 3.6	Green	I336
		Ø 3.8 -Ø 4.2	Black	I342
		Ø 4.2 -Ø 4.6	Yellow	I346
		Ø 4.8 -Ø 5.2	Brown	I352

Surgical Instruments



Anchoring Drill		
L	Size	Catalog No.
	Standard	I501
Side Cutter Drill		
L	Ø	Catalog No.
	Ø 2.0 mm	I402
Drill Extantion		
L	Size	Catalog No.
	Standard	I801
Tissue Punch		
L	Size	Catalog No.
	Standard	I901
Surgical Tools		
L	Size	Catalog No.
	Ratchet Torque Limit	I1502
	Depth Probe	I703
Hex Driver For Straight Mua		
L	Size	Catalog No.
	Ø 2.0 mm MUA Torque Driver - Small	I1901

Hex Driver For Prosthetic Screw

L	Size	Catalog No.
	Hex Torque Driver - Small	I1001
	Hex Torque Driver - Large	I1002
	Hex Hand Driver - Small	I1003
	Hex Hand Driver - Large	I1004

Hex Driver For Conventional Implant

L	Size	Catalog No.
	Hex Torque Driver - Small	I1101
	Hex Torque Driver - Large	I1102

Screw Picking Hex Driver

L	Size	Catalog No.
	Small With Drill End	I1201

Parallel Pin

L	Size	Catalog No.
	Small	I1301
	Large	I1302



Surgical Kits Contents:			Starter	Premium
	I302	Twist-step Drill Ø2mm, L-8-18mm (White)	✓	✓
	I328	Twist-step Drill Ø2.3/2.8mm, L-8-18mm (Red)	✓	✓
	I332	Twist-step Drill Ø2.8/3.2mm, L-8-18mm (Blue)	✓	✓
	I336	Twist-step Drill Ø3.2/3.6mm, L-8-18mm (Green)	✓	✓
	I342	Twist-step Drill Ø3.8/4.2mm, L-8-18mm (Black)	✓	✓
	I346	Twist-step Drill Ø4.2/4.6mm, L-8-18mm (Yellow)	✓	✓
	I352	Twist-step Drill Ø4.8/5.2mm, L-8-18mm (Brown)	✓	✓
	I501	Anchoring Drill		✓
	I402	Side Cutter Drill		✓
	I801	Drill Extantion		✓
	I901	Tissue Punch		✓
	I1502	Ratchet Simple (Without Torque Limit)	✓	✓
	I703	Depth Probe	✓	✓
	I1901	Ø 2.0 mm MUA Torque Driver - Small		✓
	I1001	Hex Torque Driver - Small	✓	✓
	I1002	Hex Torque Driver - Large		✓
	I1003	Hex Hand Driver - Small	✓	✓
	I1004	Hex Hand Driver - Large		✓
	I1101	Hex Torque Driver - Small	✓	✓
	I1102	Hex Torque Driver - Large	✓	✓
	I1201	Screw Picking Hex Driver	✓	✓
	I1301	Parallel Pin Small	✓	✓
	I1302	Parallel Pin Large	✓	✓