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HI-TEC IMPLANTS™ - ADVANCED NEW TECHNOLOGY

Innovative dental implants and prosthetic elements since 1990

Corporate Profile

Hi-Tec Implants[™] has been developing, manufacturing, and marketing an extensive range of dental implants and prosthetic elements since 1990. Hi-Tec Implants[™] was founded by dental professionals with rich clinical experience, and is committed to developing products that offer long-term compatibility with implant dentistry. The goal is to continue to provide the most technologically advanced products to help dentists develop their practice and to provide their patients with the most up-to-date treatments. Hi-Tec Implants[™] houses an advanced production facility with state-of-the-art machinery allowing for the utmost accuracy, fast turnaround time, and fulfillment with all customer needs. The headquarters are located in the Herzlia Industrial Area, Israel.



Quality Assurance

The medical use of our products demands that ultimate care is taken in assuring quality control throughout all of our operations. Over the years, Hi-Tec Implant's™ commitment to quality products and services has met and exceeded the highest standards set by the FDA and many other regulatory agencies. Hi-Tec Implants™ have received ISO 9001 and CE Certifications, representing compliance with the International Standards Organization and European Medical Device Directives.



Research and Clinical Experience

30 years of research and rich clinical experience in many countries around the world enable Hi-Tec Implants™ to develop products that offer long-term satisfaction. Moreover, due to the deep understanding of implant dentistry, clinical studies demonstrate an extremely high rate of osseointegration and functional stability.



Product Diversity

Hi-Tec Implants™ offers an extensive range of dental implants, prosthetic elements, and surgical tools. Along with this wide range of products, Hi-Tec Implants™ provides all necessary backup support, focusing on excellent client service and comprehensive training programs. Knowledgeable and friendly sales personnel and technical experts can answer all your questions.



Client Service and Technical Support

Hi-Tec Implants[™] takes pride in the extensive knowledge and training of its staff. Our dedicated client service personnel have years of experience in the dental field and use this expertise to assist dental professionals using Hi-Tec[™] products to provide their patients with the highest quality dental care.

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Implant Compatibility

Hi-Tec Implants[™] are compatible with most major brands. Insertion tools and prosthetics are interchangable. However screws are not interchangable, they are specific to each individual abutment. Abutment drivers are dependent on manufacturer. Hi-Tec Implants[™] use a 1.25mm (0.50") hexagonal driver.







Conical

Tri-Lobe

Internal Hex

Conical Connection

Logic™, Implex™, Expert™ - 3.0mm, 3.5mm

- Nobel Biocare[™] NOBELACTIVE[®] (NP) 3.5 Conical (Pink)
- Nobel Biocare[™] NOBELREPLACE[®] (NP) 3.5 Conical (Pink)
- Implant Direct[™] InterActive[™]/ Swishactive[™] 3.2mm (Pink)
- Adin[™] Toureg[™] CloseFit[™] 3.5 RP (Pink)
- Blue Sky Bio[™] BioMAX NP[™] (Pink) All Sizes
- Hahn[™] Tapered 3.5,4.3 Conical (Pink)

Logic[™], Implex[™], Expert[™] - 4.3mm, 5.0mm, 6.0mm

- Nobel Biocare™ NOBELACTIVE® (RP) 4.3/5.0 Conical (Gold)
- Nobel Biocare[™] NOBELREPLACE[®] (RP) 4.3/5.0 Conical (Gold)
- Implant Direct[™] InterActive[™]/ Swishactive[™] 3.4mm (Gold)
- Adin™ Toureg™ CloseFit™ 4.3 WP (Blue)
- Hahn[™] Tapered 5.0 Conical (Blue)

Tri-Lobe Connection

Vision™ - 3.5mm

- Nobel Biocare[™] Replace Select[®] 3.5 (Pink) Internal Tri Lobe
- Implant Direct[™] 3.5 RePLANT[™] (Pink)
- Southern® Coaxis TriNeck® / TriMAX® 3.5 NP
- Blue Sky Bio[™] Tri-Lobe 3.5 (Pink)
- Ace Infinity[™] TRI-CAM[™] 3.5

Vision™ - 4.3mm

- Nobel Biocare[™] Replace Select[®] 4.3 (Gold) Internal Tri Lobe
- Implant Direct[™] 4.3 RePLANT[™] (Gold)
- Southern® Coaxis TriNeck® / TriMAX® 4.3 RP
- Blue Sky Bio™ Tri-Lobe 4.3 (Gold)
- Ace Infinity[™] TRI-CAM[™] 4.3

Vision™ - 5.0mm

- Nobel Biocare™ Replace Select® 5.0 (Blue) Internal Tri Lobe
- Implant Direct[™] 5.0 RePLANT[™] (Blue)
- Southern® Coaxis TriNeck® / TriMAX® WP
- Blue Sky Bio[™] Tri-Lobe 5.0 (Blue)
- Ace Infinity™ TRI-CAM 5.0

Internal Hex Connection

Logic Plus[™], Spark[™] - 3.5mm, 4.3mm, 5.0mm, 6.0mm

- Zimmer® Screw-Vent™ 3.3, 3.7, 4.1 (Green)
- Biohorizons® 3.5 Internal Hex (Yellow)
- Implant Direct[™] Legacy[™] 3.7, 4.2 (Green)
- AB Dental[™] 3.75 NP
- Blue Sky Bio[™] 3.7,4.7 Internal Hex (Green)
- MIS 7[™] 3.75, 4.2 Internal Hex (SP) Implant (Purple)
- MIS C4[™] 3.75, 4.20 Internal Hex Implant (Purple)
- Implant Vision 3,2,3.7,4.2 Internal Hex (Green)
- Ace Infinity[™] 3.7, 4.1, 4.7 Internal Hex (Green)
- OCO Engage 3.5 Platform

Self-Thread™ - 3.3mm, 3.75mm

- Zimmer® Screw-Vent™ 3.3, 3.7, 4.1 (Green)
- Biohorizons® 3.5 Internal Hex (Yellow)
- Implant Direct[™] Legacy[™] 3.7, 4.2 (Green)
- AB Dental[™] 3.75 NP
- Blue Sky Bio™ 3.7,4.7 Internal Hex (Green)
- MIS 7[™] 3.75, 4.2 Internal Hex (SP) Implant (Purple)
- MIS C4[™] 3.75, 4.20 Internal Hex Implant (Purple)
- Implant Vision 3.2.3.7.4.2 Internal Hex (Green)
- Ace Infinity™ 3.7, 4.1, 4.7 Internal Hex (Green)
- OCO Engage 3.5 Platform

Self-Thread™ - 4.2mm, 5.0mm

- Zimmer® Screw-Vent™ 4.7 (Purple)
- Biohorizons® 4.5 Internal Hex (Green)
- Implant Direct[™] Legacy[™] 4.7, 5.2 (Purple)
- AB Dental[™] 4.50 RP
- Blue Sky Bio[™] 5.7/7.0 Internal Hex (Purple)
- MIS 7[™] 5.0 Internal Hex (WP) Implant (Green)
- Implant Vision 4.7.5.2 Internal Hex (Purple)
- Ace Infinity[™] 4.7, 5.1 Internal Hex (Purple)
- OCO Engage 4.5 Platform

Implant Packaging



Mounted Implants

Most Hi-Tec Implants™ are available with an initial placement mount (Figure 1.). This mount is used to carry the implant to the surgical site. It should not be used for full placement of the implant, as it is designed only for the delivery of the implant to the osteotomy. After lightly threading the implant into the osteotomy, remove the mount with a 1.25mm (0.50") hexagonal driver. Once the mount is removed, use an implant insertion tool (specific to the implant being used) to drive the implant into the osteotomy. Following the implant placement, the mount can then be reattached to the implant and used as a closed tray impression coping. Remove the mount with a 1.25mm (0.50") hexagonal driver after taking the impression. After completing the impression, the provided cover screw can then be secured. This first stage cover screw is used to seal the connection of the implant. The cover screw can be secured and removed using the same 1.25mm (0.50") hexagonal driver. All drivers and insertion tools are provided in the surgical kit or can be purchased separately.

Non-Mounted Implants



Alternatively, some Hi-Tec Implants™ are offered without an initial placement mount for ease of placement. Instead of being packaged in a sterile plastic carrier, mountless Hi-Tec Implants™ are supplied in a sealed titanium vial (Figure 2.). The vial's material is designed to protect the implant's surface, ensuring optimal osseointegration. The lid of the vial contains a first stage healing screw, which can be used to cover and seal the connection of the implant. Placement of a mountless implant is easy, simply secure the corresponding insertion tool into the connection of the implant and carry it to the osteotomy. Then use the insertion tool to securely place the fixture into the osteotomy. After placing the implant, the first stage cover screw can be secured using the 1.25mm (0.50") hexagonal driver. The drivers and insertion tools are provided in the surgical kit or can be purchased separately.



(Figure 2.)

Mounted

(Figure 1.)



Integrated Surface™ Characteristics

Hi-Tec Implant's[™] Integrated Surface[™] is an SLA macro/micro implant surface, which is applied to the implant by large grit blasting, followed by a process of acid treatments. This results in a porous osseoconductive surface that is an ideal platform for cell attachment. This process increases implant to bone contact and facilitates bone formation and superior osseointegration.

Macro-Surface

A macro-surface is achieved by blasting the implant with 60 micron large grit particles that create pores 10-30 microns wide. The topography of the surface is 10 microns from peak to valley. This significantly increases the implant surface area and the retention on the implant. The macro pores contribute to initial stability, shortened healing time, and provide ultimate load bearing capacity.

Micro-Surface

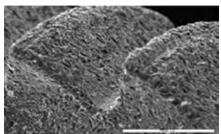
The micro-texture is created by chemical processes and is characterized by micro grooves of 0.503 microns. The micro voids are osseoconductive and facilitate bone formation for faster osseointegration and mechanical interlock between the bone and the implant.

Surface Composition

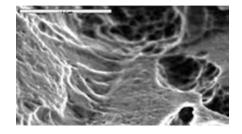
Surface composition analyzed by scanning electron microscopy presents a titanium oxide surface layer with a composition of 50% oxygen at the surface. Auger Spectron spectroscopy demonstrates that the depth of the titanium oxide layer is 200 angstroms.

Predictable Performance

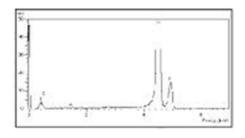
SLA technology has a long history of proven effectiveness as one of the most documented surfaces in dental technology. Hi-Tec Implant'sTM Integrated SurfaceTM has extensive healing potential, which results in accelerated osseointegration. This makes the healing process more predictable for both you and your patient.



SEM SCANNING ELECTRON MICROSCOPE x 100



SEM SCANNING ELECTRON MICROSCOPE x 5000



SURFACE COMPOSITION BY SEM



CONICAL CONNECTION IMPLANTS, PROSTHETICS, & SURGICAL INSTRUMENTATION



LOGIC™ CONICAL CONNECTION



Logic™ LGI Features

The numerous innovative design features of the Logic™ implant make it a great choice for a variety of bone conditions. These features ensure that you are optimizing bone and tissue growth on and around the implant. This makes the Logic™ implant a great choice for immediate load applications or for use in the esthetic zone.



Increased Stability

Logic[™] implants are a root-form tapered fixture with high primary stability. The aggressive thread design of the Logic[™] implant condenses bone, making it a great choice for immediate load applications. Although the Logic[™] implant is especially adept at condensing soft bone, it can also be used in hard bone with similar results.



Dynamic Positioning

The apex of the Logic™ implant consists of reverse-cutting flutes, which allow clinicians to adjust the orientation of the implant during placement. This is particularly useful in extraction sites.



Optimal Esthetics

The tapered crestal collar of the Logic™ implant and reduced platform size variance optimizes bone and soft tissue growth. This makes the Logic™ implant an ideal selection for the esthetic zone.



Integrated SLA Surface™

Through a process of grit blasting and acid etching, Hi-Tec's Integrated SLA Surface™ produces highly osseoconductive implants. This increases bone to implant surface area, which accelerates and improves osseointegration.



Stable Connection

The Logic™ implant system features a conical internal hex connection. This consists of a hexagonal connection with a tapered conical segment, which helps to seat the prosthetic. This design gives you all of the dynamics of an internal hex connection with the sealing benefits of a morse taper hybrid.



Prosthetic Compatibility

The conical connection is one of the most popular prosthetic options available today. This makes the restoration process easy due to part interchangeability and availability. In many instances, you can use your existing surgical kit to place Logic™ implants and prosthetics. This makes the transition to Hi-Tec™ simple and affordable.







TECHNICAL SPECIFICATIONS

LOGIC™ CONICAL CONNECTION





- Implant Material: Ti-6Al-4V Titanium Alloy
- Surface Finish: SLA Integrated Surface™
- Implant Collar: Tapered, Textured Micro-Thread
- Delivery System: Available with or without a Placement Mount

Standard Platform

- Implant Placement Torque: 30-60Ncm
- **Abutment Torque:** (Standard 35Ncm) (Multi-Unit 15Ncm)
- Prosthetic Screw Type: .050" (1.25mm) Hexagon
- Compatibility: NobelActive® NP (LGI 3.0mm, 3.5mm)

NobelActive® RP (LGI 4.3mm, 5.0mm, 6.0mm)

*NobelActive® is a registered trademark of Nobel Biocare Inc.

5.0

6.0mm

8.5mm

10.0mm

11.5mm

13.0mm

16.0mm

	Narrow Platform	
	3.0	
	8.5 mm	
	10.0 mm	
	11.5 mm	
	13.0 mm	
i	16.0 mm	

Narrow Platform
3.5
6.0 mm
8.5 mm
10.0 mm
11.5 mm
13.0 mm
16.0 mm
3.5mm ←



Standard Platform

4.3

6.0mm

8.5mm

10.0mm

11.5mm





Standard Platform

6.0

6.0mm

8.5mm

10.0mm

11.5mm

1.9mm Ø3.0mm



3.0mm Ø4.3mm

| 3.65mm |+ Ø5.0mm

Ø6.0mm

Logic™	' Impla	ınts Dri	II Sequ	Jence									
		RB	2.0	2.5	2.8	CSD							
LGI 3.0	SOFT BONE	•	•	•		X							
	HARD BONE	•	•	•	1/2								
		RB	2.0	2.5	2.8	3.2	CSD						
LGI 3.5	SOFT BONE	•	•	•	•		Х						
	HARD BONE	•	•	•	•	1/2							
		RB	2.0	2.5	2.8	3.2	3.65	4	CSD				
LGI 4.3	SOFT BONE	•	•	•	•	•	1/2		Х				
	HARD BONE	•	•	•	•	•	•	1/2					
		RB	2.0	2.5	2.8	3.2	3.65	4	4.3	4.5	CSD		
LGI 5.0	SOFT BONE	•	•	•	•	•	•		1/2		Х		
	HARD BONE	•	•	•	•	•	•	•		1/2			
		RB	2.0	2.5	2.8	3.2	3.65	4	4.3	4.5	5.2	5.5	CSD
LGI 6.0	SOFT BONE	•	•	•	•	•	•			•	•		х
	HARD BONE	•	•	•	•	•	•			•		1/2	
1/2 = DRILL TO HALF DEPTH		ň	ű	ď	ű	f	ď	ň	í	ı	ı	ň	ii

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IMPLEX™ CONICAL CONNECTION



Implex[™] MPI Features

The Implex™ implant system incorporates many innovative design features which make it a great choice for a variety of indications. This system uses a conical connection, which is one of the most stable and common connections available. The multi-fin design results in an implant that has great initial stability and can be used in both hard or soft bone.



Fixture Stability

The multi-slotted fin design of the Implex[™] implant increases the stability of the fixture by increasing the surface area contacting bone. This non-condensing thread design is especially useful in hard bone, where compression can cause bone loss.



Micro-Thread Collar

The collar of the Implex[™] implant was designed with micro-threads which are used to enhance stabilization in crestal bone. This collar is also textured using Hi-Tec's Integrated SLA Surface[™] process. This increases osseointegration and ensures long-term stability.



Optimal Esthetics

The platform-limiting design of the Implex[™] implant ensures optimal esthetics as a result of a small ridge being created at the top of the implant where soft tissue can grow. This makes the Implex[™] implant a great choice for placement in the esthetic zone.



Integrated SLA Surface™

Through a process of grit blasting and acid etching, Hi-Tec's Integrated SLA Surface™ produces highly osseoconductive implants. This increases bone to implant surface area, which accelerates and improves osseointegration.



Stable Connection

The Implex[™] implant system features a conical internal hex connection. This consists of a hexagonal connection with a tapered conical collar, which helps to seat the prosthetic. This design gives you all of the advantages of an internal hex connection with the benefits of a morse taper hybrid.



Prosthetic Compatibility

The conical connection is one of the most popular prosthetic options available today. This makes the restoration process easy due to part interchangeability and availability. In many instances, you can use your existing surgical kit to place Implex™ implants and prosthetics. This makes the transition to Hi-Tec™ simple and affordable.









TECHNICAL SPECIFICATIONS

IMPLEX™ CONICAL CONNECTION

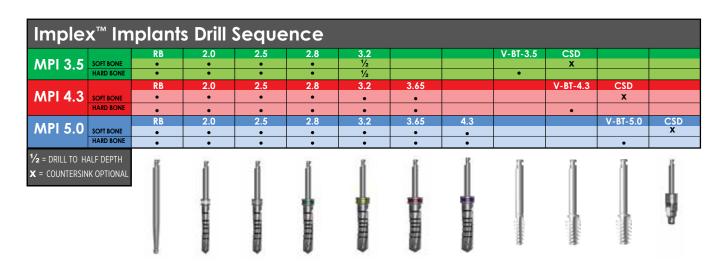


- Implant Material: Ti-6AI-4V Titanium Alloy
- Surface Finish: SLA Integrated Surface™
- Implant Collar: Textured Micro-Thread
- Delivery System: Available with a Placement Mount
- Implant Placement Torque: 30-60Ncm
- **Abutment Torque:** (Standard 35Ncm) (Multi-Unit 15Ncm)
- Prosthetic Screw Type: .050" (1.25mm) Hexagon
- Compatibility: NobelActive® NP (MPI 3.5mm)

NobelActive® RP (MPI 4.3mm, 5.0mm)

*NobelActive® is a registered trademark of Nobel Biocare Inc.







EXPERT™ CONICAL CONNECTION



Expert™ NPX Features

The Expert™ implant incorporates a semi-aggressive thread design, which allows it to be placed in any bone condition. Self-tapping threads allow the implant to be inserted securely, which results in high primary stability. The Expert™ implant also utilizes a conical connection, which is one of the most stable connections available. These features allow you to place an Expert™ implant anywhere in the mouth with confidence.



Fixture Stability

The semi aggressive self-tapping thread design of the Expert™ implant increases the stability of the fixture by compressing bone as it is inserted. This stye of thread makes the insertion process easy and predictable by creating optimal osteotomy density.



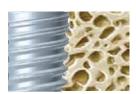
Micro-Thread Collar

The collar of the Expert™ implant was designed with micro-threads, which are used to enhance stabilization in crestal bone. This collar is also textured using Hi-Tec's Integrated SLA Surface™ process. This accelerates osseointegration and ensures a stable connection.



Optimal Esthetics

The platform-limiting design of the Expert^T implant ensures optimal esthetics by creating a ledge which promotes tissue growth on top of the implant. This makes the Expert^T implant a great choice for placement in the esthetic zone.



Integrated SLA Surface™

Through a process of grit blasting and acid etching, Hi-Tec's Integrated SLA Surface™ produces highly osseoconductive implants. This increases bone to implant surface area, which accelerates and improves osseointegration.



Stable Connection

The Expert™ implant system features a conical internal hex connection. This consists of a hexagonal connection with a tapered conical collar, which helps to seat the prosthetic. This design gives you all of the advantages of an internal hex connection with the benefits of a morse taper hybrid.



Prosthetic Compatibility

The conical connection is one of the most popular prosthetic options available today. This makes the restoration process easy due to part interchangeability and availability. In many instances, you can use your existing surgical kit to place Expert™ implants and prosthetics. This makes the transition to Hi-Tec™ simple and affordable.









TECHNICAL SPECIFICATIONS

EXPERT™ CONICAL CONNECTION



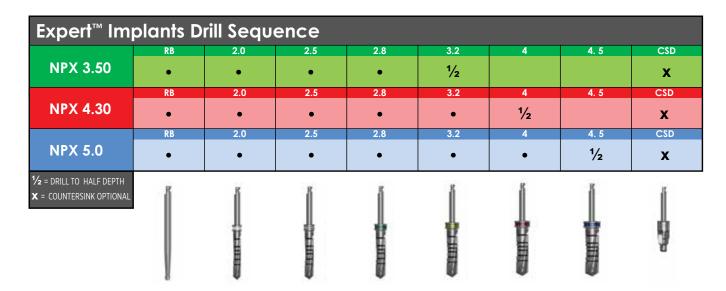


- Implant Material: Ti-6Al-4V Titanium Alloy
- Surface Finish: SLA Integrated Surface™
- Implant Collar: Textured Micro-Thread
- Delivery System: Available without a Placement Mount
- Implant Placement Torque: 30-60Ncm
- **Abutment Torque:** (Standard 35Ncm) (Multi-Unit 15Ncm)
- Prosthetic Screw Type: .050" (1.25mm) Hexagon
- Compatibility: NobelActive® NP (NPX 3.5mm)

NobelActive® RP (NPX 4.3mm, 5.0mm)

*NobelActive® is a registered trademark of Nobel Biocare Inc.





Since 1990

Prosthetic Elements

Logic[™], Implex[™], Expert[™] Implants Conical Connection - Narrow Platform 3.0, 3.5mm

	Analogs				_	Castable UCL	.A Abutme	ents		_	CAD/CAM Cus	stom Pros	thetics	
	Item	SKU	Length	Cuff Height		Item	SKU	Length	Cuff Height		Item	SKU	Length	Cuff Height
Ĭ	Ball Attachment Analog	BNL	14mm		ij	Engaging Plastic Castable Abutment	NL-PCA	7.60mm	1mm	J	Short Scan Body	NL-SCAN-S	7.6mm	
	Implant Analog	NL-IL	10.7mm		ij	Non-Engaging Plastic Castable	NL-PCA-R	7.60mm	1mm	V	Long Scan Body	NL-SCAN-L	9.2 mm	
	Digital Analog	NL-ILD	10mm		ú	Abutment Engaging Gold Castable	NL-PGA	10mm			Multi-Unit - Scan Body	MU-SCAN	8.59mm	
199	Impression C				Ą	Abutment Multi-Unit Co	mpopont	c		Λ	Multi-Unit - Titanium Base	MU-TB	4.5mm	
7	Closed Tray Impression Coping	NL-AAT	10.7mm		Œ	MU - Closed Tray	MU-AAT	9mm			Digital Analog	NL-ILD	10mm	
7	Open Tray Impression Coping	NL-AAT-L	16.5mm		Ų,	MU - Open Tray	MU-AAT-L	13.87mm		I	Engaging T-Base	NL-PRN	4.5mm	
i	Snap Cap Impression Coping	NL-AST	10.6mm		11	MU - Analog	MU-CL	13.14mm		Ji.	Abutment			
F	Snap Cap	T-PT	10mm		Ŷ	MU - Fixation Screw	MU-FS			Ť	Non-Engaging T-Base Abutment	NL-PRN-R	4.5mm	
	Titanium Pre	parable Al	butmer	nts	- îi	MU - Healing Cap	MU-HC	4.71mm		4	Engaging Screw Retained T-Base	NL-ZTA-T		
1	Straight Titanium Abutment	NL-ACA-1.5 NL-ACA-2.5	6.8mm 7.8mm	1.5mm 2.5mm	1	MU - Plastic Castable Sleeve	MU-PC	11.9mm		15	Abutment Non-Engaging	NL-ZTA-R		
ſ		NL-ACA-3.5 NL-ACA-4.5	8.8mm 9.8mm	3.5mm 4.5mm		MU - Titanium Sleeve	MU-TPC	12.25mm		1	Screw Retained T-Base Abutment	712 217 17		
i	Modular Abutment Set	NL-ACA-G-1-9 NL-ACA-G-2- NL-ACA-G-3-	SET	1mm 2mm 3mm	Ü	MU - Scan Body	MU-SCAN	8.59mm			Zest® Locator	Abutmer	nts	
ı	15 Degree Angled Abutment	NL-ACA-G-4- NL-ANA-15	9.2mm	4mm 1.55/ 2.8mm	6	MU - Titanium Base MU - Straight Abutment	NL-MU-1 NL-MU-2	4.5mm 3mm 4mm	1mm 2mm		Locator Connical Connection Narrow Platform	2069 2070 2071		1mm 2mm 3mm
	/ to define the	NL-ANA-15-2.	5 10.4mm		ľ	MIL 17 Danies	NL-MU-3 NL-MU-4	5mm 6mm	3mm 4mm			2072 2073 2074		4mm 5mm 6mm
	Zirconia Prep	arable Ab	utmen	ts	4	MU - 17 Degree Angled Abutment	NL-MU-17 NL-MU-17-2	5.2mm 6.2mm	2.1/ 3.5mm 3.1/		Locator RT-X Connical Connection	30506-01		1mm 2mm
ļ	Straight Zirconia Abutment	NL-ZTA	11mm	1.5/ 2.5mm	a	MU - 30 Degree Angled Abutment	NL-MU-30	4.7mm	4.5mm 1.13/ 3.5mm	0	Narrow Platform (Includes Male Processing Package)	30506-03 30506-04		3mm 4mm 5mm
J	15 Degree Angled Zirconia Abutment	NL-ZTA-15		1.55/ 2.8mm	T	Angled Abdiment	NL-MU-30-2	5.7mm	2.13/ 4.5mm	•	Processing Package)	30506-06		6mm
ſ	Healing Abut	ments			-	MU - Zest® Locator Abutment Collar (2-Pack)	8909-2	1.0mm		000	Locator Male Processing Package	8519-2 8519-10		2-Pacl 10-Pac
P	Healing Abutment	NL-HC-3 NL-HC-5 NL-HC-F	3mm 5mm 6mm			O-Ball Abutn	nents			II •	Locator Extended Male Processing Package	8540-2 8540-10		2-Pac
	Temporary A				e e	O-Ball Abutment	NL-BBA-2 NL-BBA-4 NL-BBA-6	3.6mm 5.6mm 7.6mm	2mm 4mm 6mm		Locator Replacement Denture Cap Male	8510-4 8510-10		4-Pac 10-Pac
J	Straight Peek Nylon Temporary Abutmer		8.2mm	1.5mm		Metal Housing	МН	3.22mm			Assembly Locator Female	8530-4		4-Pac
1	15 Degree Peek Nylo	n NL-RPA-15	9.2 mm			Nylon Cap - Extra Light Retention	NC-CLEAR on			2	Analog (4mm Diameter)	8530-20		20-Pa
-	Temporary Abutmer Engaging Temporary		11mm	2.8mm 0.5mm		Nylon Cap - Light Retention	NC-PINK			9	Locator Female Analog (5mm	8516-4 8516-20		4-Pac 20-Pa
1	Abutment Non-Engaging	NL-TA-R	11mm	0.5mm		Nylon Cap - Medium Retention	NC-ORANGE				Diameter)	9E0F 4		4 D-
-	Straight Titanium Temporary Abutmer					Nylon Cap - High Retention	NC-GREEN			ā	Locator Impression Coping	8505-4 8505-20		4-Pac 20-Pa
													dit_u	

Since 1990

Logic[™], Implex[™], Expert[™] Implants Conical Connection - Standard Platform 4.3, 5.0, 6.0mm

Prosthetic Elements

	Itom	CIVII	Longth	Cuff	_	Itom	CIVII	l oneth	Cuff	_	Itom	CIVII	Longth	Cuff
	Item	SKU	Length	Height		Item	SKU	Length			Item	SKU	Length	Heign
	Ball Attachment Analog	BNL	14mm		1	Engaging Plastic Castable Abutment	SL-PCA	7.60mm	1mm	ï	Short Scan Body	SL-SCAN-S	8.5mm	
	Implant Analog	SL-IL	10.7mm		J	Non-Engaging Plastic Castable Abutment	SL-PCA-R	7.60mm	1mm	Y	Long Scan Body	SL-SCAN-L	9.6mm	
	Digital Analog	SL-ILD	10mm		ij	Engaging Gold Castable	SL-PGA	10mm			Multi-Unit - Scan Body	MU-SCAN	8.59mm	
	Impression C		44.0		T	Abutment Multi-Unit Co	mnonent			Λ	Multi-Unit - Titanium Base	MU-TB	4.5mm	
	Closed Tray Impression Coping	SL-AAT	11.6mm		17	MU - Closed Tray	MU-AAT	9mm			Digital Analog	SL-ILD	10mm	
	Open Tray Impression Coping	SL-AAT-L	17.8mm		J.	Impression Coping MU - Open Tray	MU-AAT-L	13.87mm		I	Engaging T-Base	SL-PRN	4.5mm	
	Snap Cap Impression Coping	SL-AST	15mm		丑	Impression Coping MU - Analog	MU-CL	13.14mm		A	Abutment			
	Snap Cap	T-PT	10mm		as Qu	MU - Fixation Screw	MU-FS			₩	Non-Engaging T-Base Abutment	SL-PRN-R	4.5mm	
	itanium Dro	narable Ab	outmor	ntc.	à	MU - Healing Cap	MU-HC	4.71mm		(1)	Engaging Screw	SL-ZTA-T		
	Titanium Pre	SL-ACA-1.5	6.8mm	1.5mm	Ī	MU - Plastic Castable Sleeve	MU-PC	11.9mm		-	Retained T-Base Abutment			
	Abutment	SL-ACA-2.5 SL-ACA-3.5 SL-ACA-4.5	7.8mm 8.8mm 9.8mm	2.5mm 3.5mm 4.5mm	-	MU - Titanium Sleeve	MU-TPC	12.25mm			Non-Engaging Screw Retained T-Base Abutment	SL-ZTA-R		
	Modular Abutment Set	SL-ACA-G-1-S SL-ACA-G-2-S	SET	1mm 2mm	U	MU - Scan Body	MU-SCAN	8.59mm			Zest® Locator	Abutmer	nts	
		SL-ACA-G-3-S SL-ACA-G-4-S		3mm 4mm	Λ	MU - Titanium Base	MU-TB	4.5mm		-	Locator Connical	2075		1mm
	15 Degree Angled Abutment	SL-ANA-15 SL-ANA-15-2.5	9.3mm 10.5mm	1.55/ 2.8mm 2.8/ 4.0mm	P	MU - Straight Abutment	SL-MU-1 SL-MU-2 SL-MU-3 SL-MU-4	3mm 4mm 5mm 6mm	1mm 2mm 3mm 4mm		Connection Standard Platform	2076 2077 2078 2079		2mm 3mm 4mm 5mm
					10	MU - 17 Degree Angled Abutment	SL-MU-17	5.2mm	2.1/ 2.5mm			2080		6mm
	Zirconia Prep				7	Angled Abutment	SL-MU-17-2	6.2mm	3.1/ 4.5mm	P	Locator RT-X Connical Connection Standard Platform	30507-01 30507-02 30507-03		1mm 2mm 3mm
	Straight Zirconia Abutment	SL-ZTA	11mm	1.5/ 2.5mm	a	MU - 30 Degree Angled Abutment	SL-MU-30	5.3mm	1.7/ 4.07mm	0	(Includes Male Processing Package)	30507-04		4mm 5mm
	15 Degree Angled Zirconia Abutment	SL-ZTA-15	9.3mm	1.55/ 2.8mm	T	Angica Abatment	SL-MU-30-2	5.7mm	2.13/ 4.5mm	•		30507-06		6mm
ı	Healing Abut	ments			-	MU - Zest® Locator Abutment Collar (2-Pack)	8909-2	1.0mm			Locator Male Processing Package	8519-2 8519-10		2-Pack 10-Pac
	Healing Abutment	SL-HC-3 SL-HC-5 SL-HC-F	3mm 5mm 6mm			O-Ball Abutm	nents			II •	Locator Extended Male Processing Package	8540-2 8540-10		2-Pack 10-Pac
	Temporary A	butments			ğ	O-Ball Abutment	SL-BBA-2 SL-BBA-4 SL-BBA-6	5.5mm 7.5mm 9.5mm	2mm 4mm 6mm		Locator Replacement Denture Cap Male Assembly	8510-4 8510-10		4-Pack 10-Pac
	Straight Peek Nylon Temporary Abutmen		8.5mm	1.5mm		Metal Housing	МН	3.22mm			Locator Female	8530-4		4-Pacl
	15 Degree Peek Nylo	n SL-RPA-15	9.3mm			Nylon Cap - Extra Light Retentio	NC-CLEAR on			2	Analog (4mm Diameter)	8530-20		20-Pac
	Temporary Abutmen Engaging Temporary		11mm	2.8mm 0.5mm		Nylon Cap - Light Retention	NC-PINK			9	Locator Female Analog (5mm	8516-4 8516-20		4-Pack 20-Pac
	Abutment					Nylon Cap - Medium Retention	NC-ORANGE			-20	Diameter)			
	Non-Engaging Straight Titanium Temporary Abutmen	SL-TA-R t	11mm	0.5mm	0	Nylon Cap - High Retention	NC-GREEN			ā	Locator Impression Coping	8505-4 8505-20		4-Pack 20-Pac

Conical Connection Surgical Kit



Bone Taps

L-BT-3.5 - Bone Tap for LGI - 3.5mm, Wrench

L-BT-4.3 - Bone Tap for LGI - 4.3mm, Wrench

L-BT-5.0 - Bone Tap for LGI - 5.0mm, Wrench

L-BT-6.0 - Bone Tap for LGI - 6.0mm, Wrench

V-BT-3.5 - Bone Tap for MPI - 3.5mm, Latch V-BT-4.3 - Bone Tap for MPI - 4.3mm, Latch

V-BT-5.0 - Bone Tap for MPI - 5.0mm, Latch



Burs & Drills

RB-2.0 Round Bur

NX-LD-20T - 2.0mm Lindeman Bur

NX-TLD-20T - 2.0mm Lance Drill

CSD - Implant Countersink

PD200L16C - 2.0mm Carbide Implant Drill TD250L16C - 2.5mm Carbide Implant Drill

TD280L16C - 2.8mm Carbide Implant Drill

TD320L16C - 3.2mm Carbide Implant Drill

TD365L16C - 3.65mm Carbide Implant Drill

TD400L16C - 4.0mm Carbide Implant Drill

TD430L16C - 4.3mm Carbide Implant Drill

TD450L16C - 4.5mm Carbide Implant Drill

TD520L16C - 5.2mm Carbide Implant Drill

TD550L16C - 5.5mm Carbide Implant Drill

Implant Mount Tools

LIT-C - Implant Mount Tool for Handpiece

LIT-S - Short Implant Mount Tool for Ratchet

LIT-M - Medium Implant Mount Tool for Ratchet

LIT-L - Long Implant Mount Tool for Ratchet

Prosthetic Drivers

L-1.25 - Long Prosthetic Driver for Handpiece

S-1.25 - Short Prosthetic Driver for Handpiece

SHT-S - Short Prosthetic Driver for Ratchet

SHT-L - Long Prosthetic Driver for Ratchet

DENT-1.25 - Handheld Prosthetic Driver



Bone Taps

NL-LIT-S - Short Implant Driver for NL - Ratchet

The conical connection surgical kit is entirely customizable to your preferences. This kit is compatible with Hi-Tec™ Logic™, Implex™, and Expert™ implants. It houses all of the insertion tools, drivers, and drills necessary for implant surgery. This kit is convenient and easily organized with detailed labels and categories for each instrument. It is a fully autoclavable kit made of surgical stainless

steel that withstands long-term sterilization.

NL-LIT-L - Long Implant Driver for NL - Ratchet

SL-LIT-S - Short Implant Driver for SL - Ratchet

SL-LIT-L - Long Implant Driver for SL - Ratchet

NL-FT-S - Short Implant Driver for NL - Handpiece

NL-FT-L - Long Implant Driver for NL - Handpiece

SL-FT-S - Short Implant Driver for SL - Handpiece

Ratchets & Attachments

DL - Drill Extension

MU-IT - Hex Tool for Multi-Unit Abutments

MU-IT-Q - Square Tool for Multi-Unit Abutments

RAD - Hex to Square Adapter

ART - Hex/Square to FT Adapter

LS - Square to Latch Adapter

HR - Hex Ratchet

HR-S - Square Ratchet

HR-TW - Hex Torque Wrench

HSD - Hex Straight Driver Handle

VS - Titanium Vessel for Mount Removal

PT - Paralleling Tool

MU-AH - Multi-Unit Angulation Holder





INTERNAL HEX CONNECTION

IMPLANTS, PROSTHETICS, & SURGICAL INSTRUMENTATION



TAPERED SELF THREAD™ INTERNAL HEX CONNECTION



Tapered Self Thread™ Features

The Tapered Self-Thread™ implant was designed with all bone conditions in mind. This makes the Tapered Self-Thread™ an excellent choice for the maxilla or mandible. A self-tapping design allows clinicians to place the Tapered Self-Thread™ with ease, resulting in a more predictable surgery. This implant uses a standard and wide platform internal hex connection, making the restoration process more simple and affordable.



Polished Collar

The collar of the Tapered Self-Thread™ implant was designed with micro-threads, which enhances stabilization in crestal bone. This collar is finished with a machine polished surface to increase soft tissue attachment and limit the risk of infection.



Self-Tapping

The thread design of the Tapered Self-Thread™ allows for placement in hard or soft bone without the need of a tap. Eliminating this step saves clinicians time and reduces the complexity of surgery. Although no tap is used, there is no reduction in stabity or function.



Integrated SLA Surface™

Through a process of grit blasting and acid etching, Hi-Tec's Integrated SLA Surface™ produces highly osseoconductive implants. This increases bone to implant surface area, which accelerates and improves osseointegration.



Prosthetic Compatibility

The standard and wide platform internal hex connections are the most commonly used implant connections world-wide. Having a compatible connection simplifies the restoration process and makes the transition to Hi-Tec™ implants easier and more affordable.











TAPERED SELF THREAD™ TECHNICAL SPECIFICATIONS INTERNAL HEX CONNECTION





- Implant Material: Ti-6Al-4V Titanium Alloy
- Surface Finish: SLA Integrated Surface™
- Implant Collar: Polished Micro-Thread
- Delivery System: Available with Placement Mount
- Implant Placement Torque: 30-60Ncm
- **Abutment Torque:** (Standard 35Ncm) (Multi-Unit 15Ncm)
- Prosthetic Screw Type: .050" (1.25mm) Hexagon
- Compatibility: Zimmer® Tapered Screw-Vent® 3.1, 3.7, 4.1 (NTI 3.3, SLT 3.75) Zimmer® Tapered Screw-Vent® 4.7 (GTI 4.2, WTI 5.0)

*Zimmer Tapered Screw-Vent® is a registered trademark of Zimmer Dental Inc.

	Standard Platform
	NTI 3.3
	8.0 mm
	10.0 mm
王	11.5 mm
ENGTH.	13.0 mm
$\overline{\underline{u}}$	16.0 mm

Standard Platform
SLT 3.75
8.0 mm
10.0 mm
11.5 mm
13.0 mm
16.0 mm

Wide Platform
GTI 4.2
8.0 mm
10.0 mm
11.5 mm
13.0 mm
16.0 mm

Wide Platform	
WTI 5.0	
8.0 mm	
10.0 mm	
11.5 mm	
13.0 mm	
16.0 mm	









Tapere	ed Se	If Thre	ead™ I	mplar	nts Dril	l Sequ	ence					
		RB	2.0	2.5	2.8	CSD						
NTI 3.3	SOFT BONE	•	•	•	•							
1111 0.0	HARD BONE	•	•	•	•	Х						
		RB	2.0	2.5	2.8	3.2	3.4	CSD				
SLT 3.75	SOFT BONE	•	•	•	•	•		Х				
	HARD BONE	•	•	•	•		1/2					
		RB	2.0	2.5	2.8	3.2	3.4	3.65	4	4.3	CSD	
GTI 4.2	SOFT BONE	•	•	•	•	•		•			Х	
· · · · · · · · · · · · · · · · · · ·	HARD BONE	•	•	•	•	•		•	1/2			
		RB	2.0	2.5	2.8	3.2		3.65	4	4.3	4.5	CSD
WTI 5.0	SOFT BONE	•	•	•	•	•		•		•		х
7711 5.0	HARD BONE	•	•	•	•	•		•			1/2	
/2 = DRILL TO HA	ALE DEPTH	200	200	0.00		2000	1000	80	Special states		(5)	670
		R	R	K	K	R	K	K	K	K	R	15
C = COUNTERSIN	K OPTIONAL	11	- 11	- 11	- 11	11	11	11	11	- 11	- 11	ll l
		III.	- 11	- 11	- 11	II.	- 11	II.	- 11	- 11	- 11	- 11
		II.	- 11			H		all an		- 11		- 10



LOGIC PLUS™ INTERNAL HEX CONNECTION



Logic Plus™ LGI+ Features

The Logic Plus[™] is a root-form bone condensing implant which utilizes platform-shift technology. These features make the Logic Plus[™] a great option for immediate load applications. This technology coupled with a standard platform internal hex connection makes the Logic Plus[™] one of the easiest implants to place and restore.



Increased Stability

The Logic Plus™ implant features aggressive bone-condensing threads, which are ideal for immediate load applications. The primary stability of this implant makes it a great choice for extraction sockets. The tapered coronal collar of the Logic Plus™ allows bone to grow over a small shelf of the top of the implant, increasing stability.



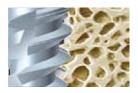
Dynamic Positioning

The apex of the Logic Plus™ implant consists of reverse-cutting flutes, which allow clinicians to adjust the orientation of the implant during placement. This is particularly useful in extraction sites.



Optimal Esthetics

A tapered coronal collar and platform-switching prosthetics are used to optimize bone and soft tissue growth. These design features maximize tissue growth around the collar of the implant. This makes the Logic Plus™ a great choice for the esthetic zone.



Integrated SLA Surface™

Through a process of grit blasting and acid etching, Hi-Tec's Integrated SLA Surface $^{\text{\tiny M}}$ produces highly osseoconductive implants. This increases bone to implant surface area, which accelerates and improves osseointegration.



Four Diameters-One Platform

The Logic Plus™ is available in four diameters, which all share the same restorative platform. This design not only simplifies the selection of prosthetics, but also provides a shelf for tissue to grow on top of the implant. The platform used is a standard internal hexagon connection, which is the most common connection available today. This greatly simplifies the placement and restoration of these implants.





TECHNICAL SPECIFICATIONS INTERNAL HEX CONNECTION





- Implant Material: Ti-6Al-4V Titanium Alloy
- Surface Finish: SLA Integrated Surface™
- Implant Collar: Tapered, Textured Micro-Thread
- Delivery System: Available with a Placement Mount
- Implant Placement Torque: 30-60Ncm
- **Abutment Torque:** (Standard 35Ncm) (Multi-Unit 15Ncm)
- Prosthetic Screw Type: .050" (1.25mm) Hexagon
- Compatibility: Zimmer® Tapered Screw-Vent® (3.3mm, 3.7mm, 4.1mm)

	Standard Platform 3.5
ı	8.0 mm
	10.0 mm
	11.5 mm
	13.0 mm
	16.0 mm

ENGTH





Standard Platform
6.0
6.0 mm
8.0 mm
10.0 mm
11.5 mm
13.0 mm







→ 4.2mm ←
16
1
Ø6.0mm

Logic	Plus™	Impl	ants I	Drill Se	equer	nce							
		RB	2.0	2.5	2.8	3.2	CSD						
LGI+ 3.5	SOFT BONE	•	•	•	•		X						
	HARD BONE		•	•	•	1/2							A .
		RB	2.0	2.5	2.8	3.2	3.65	4	CSD				
LGI+ 4.3	SOFT BONE	•	•	•	•	•	1/2		X				A .
	HARD BONE	•	•	•	•	•	•	1/2					
		RB	2.0	2.5	2.8	3.2	3.65	4	4.3	4.5	CSD		
LGI+ 5.0	SOFT BONE	•	•	•	•	•	•		1/2		Х		
	HARD BONE	•	•	•	•	•	•	•		1/2			
		RB	2.0	2.5	2.8	3.2	3.65	4	4.3	4.5	5.2	5.5	CSD
LGI+ 6.0	SOFT BONE	•	•	•	•	•	•			•	•		Х
101: 0.0	HARD BONE	•	•	•	•	•	•			•		1/2	
1∕2 = DRILL TO H.	ALF DEPTH	220		10		0		**	- 20	p			
X = COUNTERSIN	IN ODTIONAL	A.	ā	ñ	ă	- A	- A	ă.	- 10	A	ñ	A	- ii
X - COUNTERSIN	K OPTIONAL	- 11	- 11	- 11	- 11	- 11	- 11	II.	- 11	- 11	III.	- 11	ll l
		- 11	- 11	- 11	- 11	- 11	- 11	II.	- 11	11	III	- 11	- 11

^{*}Zimmer Tapered Screw-Vent® is a registered trademark of Zimmer Dental Inc.



SPARK™ INTERNAL HEX CONNECTION



Spark™ TPI Features

The Spark[™] implant is a root-form bone-condensing implant, which utilizes platform-shift technology. These features make the Spark[™] a great choice for immediate load applications. This technology coupled with a standard platform internal hex connection makes the Spark[™] one of the easiest implants to place and restore.



Increased Stability

The Spark[™] implant features aggressive bone-condensing threads, which are optimal for immediate load applications. The primary stability of this implant makes it a great choice for extraction sockets. The tapered coronal collar of the Spark[™] allows bone to grow over a small shelf of the top of the implant, increasing stability.



Dynamic Positioning

The apex of the Spark™ implant consists of reverse-cutting flutes, which allow clinicians to adjust the orientation of the implant during placement. This is particularly useful in extraction sites.



Optimal Esthetics

A tapered coronal collar and platform-switching prosthetics are used to optimize bone and soft tissue growth. These design features maximize tissue growth around the collar of the implant. This makes the Spark™ a great choice for the esthetic zone.



Integrated SLA Surface™

Through a process of grit blasting and acid etching, Hi-Tec's Integrated SLA Surface $^{\text{\tiny{M}}}$ produces highly osseoconductive implants. This increases bone to implant surface area, which accelerates and improves osseointegration.



Four Diameters-One Platform

The Spark™ is available in four diameters, which all share the same restorative platform. This design not only simplifies the selection of prosthetics, but also provides a shelf for tissue to grow on top of the implant. The platform used is a standard internal hexagon connection, which is the most common connection available today. This greatly simplifies the placement and restoration of these implants.





TECHNICAL SPECIFICATIONS INTERNAL HEX CONNECTION





- Implant Material: Ti-6Al-4V Titanium Alloy
- Surface Finish: SLA Integrated Surface™
- Implant Collar: Tapered, Textured Micro-Thread
- Delivery System: Available with a Placement Mount
- Implant Placement Torque: 30-60Ncm
- Abutment Torque: (Standard 35Ncm) (Multi-Unit 15Ncm)
- Prosthetic Screw Type: .050" (1.25mm) Hexagon
- Compatibility: Zimmer® Tapered Screw-Vent® (3.3mm, 3.7mm, 4.1mm)

*Zimmer Screw-Vent® is a registered trademark of Zimmer Dental Inc.

Standard Platform 3.5
8.0 mm
10.0 mm
11.5 mm
13.0 mm



Standard Platform
5.0
6.0 mm
8.0 mm
10.0 mm
11.5 mm
13.0 mm
16.0 mm

Standard Platform
6.0
6.0 mm
8.0 mm
10.0 mm
11.5 mm
13.0 mm







→ 4.2mm ←
1
Ø6.0mm

		RB	2.0	2.5	2.8	3.2	CSD						
TPI 3.5	SOFT BONE	•	•	•	•		Х						
	HARD BONE		•	•	•	1/2							
- A		RB	2.0	2.5	2.8	3.2	3.65	4	CSD				
TPI 4.3	SOFT BONE	•	•	•	•	•	1/2		Х				
	HARD BONE	•	•	•	•	•	•	1/2					
		RB	2.0	2.5	2.8	3.2	3.65	4	4.3	4.5	CSD		
TPI 5.0	SOFT BONE	•	•	•	•	•	•		1/2		X		
	HARD BONE	•	•	•	•	•	•	•		1/2			
		RB	2.0	2.5	2.8	3.2	3.65	4	4.3	4.5	5.2	5.5	CSD
[PI 6.0	SOFT BONE	•	•	•	•	•	•			•	•		Х
11 1 0.0	HARD BONE	•			•		•					1/2	

www.dit-usa.com



Self Thread™ 3.3 & 3.75, Logic Plus™, Spark™ Implants Internal Hex Connection - Standard Platform

Prosthetic Elements

	Analogs					Castable UCL	A Abutme	ents			CAD/CAM Cus	stom Pros	sthetics	
	Item	SKU	Length	Cuff		Item	SKU	Length	Cuff		Item	SKU	Length	Cuff
ä	Ball Attachment Analog	BNL	14mm		ij	Engaging Plastic Castable Abutment	PCA	11.7mm	1mm	J	Short Scan Body	S-SCAN-S	7.8mm	
8	Implant Analog	IL	10.7mm		ij	Non-Engaging Plastic Castable	PCA-R	11.7mm	1mm	Ų	Long Scan Body	S-SCAN-L	9.95mm	
V	Impression C	opings	10mm			Abutment Engaging Gold Castable	PGA	10.7mm			Multi-Unit - Scan Body	MU-SCAN	8.59mm	
The same	Closed Tray Impression Coping	AAT	10.5mm		Ą	Abutment Non-Engaging				Λ	Multi-Unit - Titanium Base	MU-TB	4.5mm	
1	Open Tray Impression Coping	AAT-L	14.5mm		V	Gold Castable Abutment	PGA-R	10.7mm			Digital Analog	ILD	10mm	
A a	Snap Cap	AST	13mm			Engaging Titanium Castable Abutment	PTA	11.2mm		II.	Engaging T-Base	S-PRN	5mm	
7."	Impression Coping	T-PT	10mm			Multi-Unit Co	mponents			A	Abutment			
	Snap Cap				6	MU - Closed Tray	MU-AAT	9mm		111	Non-Engaging	S-PRN-R	4.5mm	
in:	Titanium Pre Straight Titanium	ACA ACA	9.8mm	0mm	18	Impression Coping					T-Base Abutment			
7	Abutment	ACA-E-1 ACA-E-2 ACA-E-3	7.9mm 8.9mm 9.9mm	1mm 2mm 3mm)Ľ	MU - Open Tray Impression Coping	MU-AAT-L	13.87mm		4	Engaging Screw Retained T-Base	ZTA-T		
1/4		ACA-E-4	10.9mm	4mm) 🗓	MU - Analog	MU-CL	13.14mm		18	Abutment			
7	Wide Profile	ACA-P	9.8mm	0mm	I	MU - Fixation Screw	MU-FS			Q.	Non-Engaging	ZTA-T-R		
	Round Profile	ACA-R	13.6mm	0mm		MU - Healing Cap	MU-HC	4.71mm		13	Screw Retained T-Base Abutment			
Å	Narrow Profile	ACA-S	8.86mm	0mm		MU - Plastic Castable Sleeve	MU-PC	11.9mm		_	Zest® Locator	Abutmer	nts	
A	Non-Engaging	SCA	11.10mm	Omm		MU - Titanium Sleeve	MU-TPC	12.25mm			Locator Internal Hex Standard Platform	8661 8662 8663		0mm 1mm 2.5mm
ď	Modular	ACA-G-1-SET		1mm		MU - Scan Body	MU-SCAN	8.59mm		_	FIGUOTITI	8664		3.5mm
₽.T	Abutment Set	ACA-G-2-SET ACA-G-3-SET		2mm 3mm	Λ	MU - Titanium Base	MU-TB	4.5mm				8665 8625 8626		4.5mm 5.5mm 6.5mm
4	15 Degree Angled Titanium Abutment	ACA-G-4-SET ANA-15 ANA-15-E-1 ANA-15-E-2	9.1mm 8.2mm 1.1 9.2mm 2.1	,	P	MU - Straight Abutment	S-MU-1 S-MU-2 S-MU-3 S-MU-4	3mm 4mm 5mm 6mm	1mm 2mm 3mm 4mm	6	Locator RT-X Internal Hex	30200-00 30200-01		0.5mm 1mm
4	25 Degree Angled Titanium Abutment	ANA-25	9.4mm	1.3mm	10	MU - 17 Degree	S-MU-17	4.76mm	,	8	Connical Connection Platform	30200-03		2mm 3mm
1	Zirconia Prep		utment	İS	9	Angled Abutment	S-MU-17-2	6.2mm	3.08mm 3.1/ 4.5mm	0 0	(Includes Male Processing Package)	30200-04 30200-05 30200-06		4mm 5mm 6mm
4	Straight Zirconia Abutment	ZTA	10.6mm	1.5/ 2.5mm	P	MU - 30 Degree Angled Abutment	S-MU-30	5.3mm	1.7/ 4.07mm	E 6	Locator Male Processing Package	8519-2 8519-10		2-Pack
4	15 Degree Angled Zirconia Abutment	ZTA-15	9.1mm	1.2/ 1.2mm	-	MU - Zest® Locator Abutment Collar	8909-2	1.0mm		000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000<l< td=""><td>Locator Extended</td><td>8540-2</td><td></td><td>2-Pack</td></l<>	Locator Extended	8540-2		2-Pack
-	Healing Abut	ments				(2-Pack)					Male Processing Package	8540-10		10-Pac
Ų)	Healing Abutment	HC-3 HC-5	3mm			O-Ball Abutm	nents				Locator Replacement	9510_4		4-Pack
ğ.	Anatomical Healing Abutment	HC-3-P HC-5-P	5mm 3mm 5mm		e e	O-Ball Abutment	BBA-0.5 BBA-2 BBA-4	3.8mm 5.3mm 7.3mm	0.5mm 2mm 4mm	•	Denture Cap Male Assembly	8510-10		10-Pac
_	Temporary A	butments			П	Metal Housing	BBA-6 MH	9.3mm 3.22mm	6mm	m	Locator Female	8530-4		4-Pack
A	Straight Peek Nylon Temporary Abutmen		9.7mm	1.5mm		Nylon Cap - Extra Light Retention	NC-CLEAR	0.22		318	Analog (4mm Diameter)	8530-20		20-Pac
-	15 Degree Peek Nylo Temporary Abutmer		9.1mm	1.2mm		Nylon Cap - Light Retention	NC-PINK			9	Locator Female Analog (5mm Diameter)	8516-4 8516-20		4-Pack 20-Pac
-	25 Degree Peek Nylo Temporary Abutmer		9.4mm	1.3mm		Nylon Cap - Medium Retention	NC-ORANGE			面面	Locator Impression			4-Pack
4	Non-Engaging Straight Titanium Temporary Abutmen	PCA-R-TI t	11.6mm			Nylon Cap - High Retention	NC-GREEN			-	Coping	8505-20		20-Pac



Self Thread™ 4.2 & 5.0 Internal Hex Connection - Wide Platform

Prosthetic Elements

	Ib a see	CIZLI	1 2	Cust		lh a sea	CIZLI	1 - 2	Cust		I have	CIZII	1 11	Cust
35	Item	SKU	Length	Cuff		Item	SKU	Length	Cuff		Item	SKU	Length	Cuff
H	Ball Attachment Analog	BNL	14mm		1	Engaging Plastic Castable Abutment	W-PCA	11mm		Y	Short Scan Body	W-SCAN-S	7.8mm	
Š	Implant Analog Digital Analog	W-ILD	11.05mm		7	Non-Engaging Plastic Castable Abutment	W-PCA-R	11mm		Ų	Long Scan Body	W-SCAN-L	9.95mm	
W	Impression C				ü	Engaging	W-PGA	10.8mm						
72	Closed Tray	W-AAT	12mm		Y	Gold Castable Abutment					Multi-Unit - Scan Body	MU-SCAN	8.59mm	
7	Impression Coping					Multi-Unit Co	mponents	5		Λ	Multi-Unit - Titanium Base	MU-TB	4.5mm	
7	Open Tray Impression Coping	W-AAT-L	16mm		1	MU - Closed Tray Impression Coping	MU-AAT	9mm		E				
i	Snap Cap Impression Coping	W-AST	15mm		ď	MU - Open Tray Impression Coping	MU-AAT-L	13.87mm			Digital Analog	W-ILD	11.05mm	
F	Snap Cap	T-PT	10mm		17	MU - Analog	MU-CL	13.14mm		TA.	Engaging T-Base	W-PRN	5mm	
	Titanium Prep	oarable Ab	outme	nts	/A	MU - Fixation	MU-FS	15.14111111		1	Abutment			
4	Straight Titanium Abutment	W-ACA W-ACA-E-1	9.8mm 7.5mm	Omm 1mm	T T	Screw MIL Healing Con	MILLIC	4 71mama		#	Non-Engaging T-Base Abutment	W-PRN-R	5mm	
T		W-ACA-E-2 W-ACA-E-3	8.5mm 9.5mm	2mm 3mm	- 1	MU - Healing Cap MU - Plastic	MU-HC MU-PC	4.71mm 11.9mm						
I/A		W-ACA-E-4	10.5mm	4mm	Щ	Castable Sleeve	MO-PC	11.3111111			Zest® Locator	Abutmer	nts	
7	Wide Profile	W-ACA-P	10mm	0mm	-	MU - Titanium Sleeve	MU-TPC	12.25mm		•	Locator Internal	8671	103	Omm
Ų	Round Profile	W-ACA-R	13.6mm	0mm	Ü	MU - Scan Body	MU-SCAN	8.59mm		U	Hex Standard Platform	8672 8673 8674		1mm 2.5mm 3.5mm
4	Non-Engaging	W-SCA	10mm	0mm	Λ	MU - Titanium Base	MU-TB	4.5mm				8675 8627 8628		4.5mm 5.5mm 6.5mm
- A	Modular Abutment Set	W-ACA-G-1-SI W-ACA-G-2-S W-ACA-G-3-S W-ACA-G-4-S	ET ET	1mm 2mm 3mm 4mm	P	MU - Straight Abutment	W-MU-1 W-MU-2 W-MU-3 W-MU-4	3mm 4mm 5mm 6mm	1mm 2mm 3mm 4mm		Locator RT-X Internal Hex	30201-00 30201-01		0.5mm 1mm
4	15 Degree Angled Titanium Abutment	W-ANA-15 W-ANA-15-E-1 W-ANA-15-E-2	9.1mm		9	MU -25 Degree Angled Abutment	W-MU25	5.2mm	1.77/ 3.8mm	60	Connical Connection Platform (Includes Male Processing Package)	30201-03 30201-04 30201-05		2mm 3mm 4mm 5mm
4	25 Degree Angled Titanium Abutment		9.6mm	1.4/1.4mm		MU - Zest® Locator Abutment Collar	8909-2	1.0mm		0 0		30201-06		6mm
	Zirconia Prep	arable Ab	utmen	ts		(2-Pack)				000	Locator Male Processing Package	8519-2 8519-10		2-Pack 10-Pack
ļ	Straight Zirconia Abutment	W-TA	12mm	4mm		O-Ball Abutm	nents			10	Locator Extended Male Processing	8540-2 8540-10		2-Pack 10-Pack
	Healing Abut	ments			8	O-Ball Abutment	W-BBA-0.5	3.1mm	0.5mm	•	Package			
y	Healing Abutment	W-HC-3 W-HC-5	3mm 5mm		A		W-BBA-2 W-BBA-4 W-BBA-6	4.6mm 6.6mm 8.6mm	2mm 4mm 6mm	m •	Locator Replacement Denture Cap Male Assembly	8510-4 8510-10		4-Pack 10-Pack
å	Anatomical Healing	W-HC-3-P	3mm			Metal Housing	MH	3.22mm			Assembly			
I	Abutment	W-HC-5-P	5mm			Nylon Cap - Extra Light Retention	NC-CLEAR on			9	Locator Female Analog (4mm Diameter)	8530-4 8530-20		4-Pack 20-Pack
	Temporary Al	outments				Nylon Cap - Light Retention	NC-PINK					0.51.6 4		4 D- 1
4	Engaging Straight Titanium Temporary Abutment	W-PTA	10.8mm		0	Nylon Cap -	NC-ORANGE			9	Locator Female Analog (5mm Diameter)	8516-4 8516-20		4-Pack 20-Pack
4	Non-Engaging Straight Titanium Temporary Abutment	W-PCA-R-TI	12.6mm		0	Medium Retention Nylon Cap - High Retention	NC-GREEN			面	Locator Impression	8505-4 8505-20		4-Pack 20-Pack

Internal Hex Surgical Kit



Bone Taps

L-BT-3.5 - Bone Tap for LGI+ & Spark - 3.5mm, wrench

L-BT-4.3 - Bone Tap for LGI+ & Spark - 4.3mm, wrench

L-BT-5.0 - Bone Tap for LGI+ & Spark - 5.0mm, wrench L-BT-6.0 - Bone Tap for LGI+ & Spark - 6.0mm, wrench

L-B1-6.0 - Bone Tap for LGI+ & Spark - 6.0mm, wrench

N-BT-II - Bone Tap for Self Thread - Handpiece 3.3mm

S-BT-II - Bone Tap for Self Thread - Handpiece 3.75mm G-BT-II - Bone Tap for Self Thread - Handpiece 4.2mm

W-BT-II - Bone Tap for Self Thread - Handpiece 5.0mm



Burs & Drills

RB - 2.0mm Round Bur

NX-LD-20T - 2.0mm Lindeman Bur

NX-TLD-20T - 2.0mm Lance Drill

CSD - Implant Countersink

PD200L16C - 2.0mm Carbide Implant Drill

TD250L16C - 2.5mm Carbide Implant Drill

TD280L16C - 2.8mm Carbide Implant Drill

TD320L16C - 3.2mm Carbide Implant Drill

TD365L16C - 3.65mm Carbide Implant Drill

TD400L16C - 4.0mm Carbide Implant Drill

TD430L16C - 4.3mm Carbide Implant Drill

TD450L16C - 4.5mm Carbide Implant Drill

TD520L16C - 5.2mm Carbide Implant Drill

TD550L16C - 5.5mm Carbide Implant Drill

Implant/Mount Tools

LIT-C - Implant/Mount Tool for Handpiece

LIT-S - Short Implant/Mount Tool for Ratchet

LIT-M - Medium Implant/Mount Tool for Ratchet

LIT-L - Long Implant/Mount Tool for Ratchet



The internal hex connection surgical kit is entirely customizable to your preferences. This kit is compatible with Hi-Tec™ Logic Plus™, Spark™, and Self Thread™ implants. It houses all of the insertion tools, drivers, and drills necessary for implant surgery. This kit is convenient and easily organized with detailed labels and categories for each instrument. It is a fully autoclavable kit made of surgical stainless steel that withstands long-term sterilization.

Prosthetic Drivers

L-1.25 - Long Prosthetic Driver for Handpiece

S-1.25 - Short Prosthetic Driver for Handpiece

SHT-S - Short Prosthetic Driver for Ratchet

SHT-L - Long Prosthetic Driver for Ratchet

DENT-1.25 - Handheld Prosthetic Driver



Ratchets & Attachments

DL - Drill Extension

MU-IT - Hex Tool for Multi-Unit Abutments

MU-IT-Q - Square Tool for Multi-Unit Abutments

RAD - Hex to Square Adapter

ART - Hex/Square to FT Adapter

LS - Square to Latch Adapter

HR - Hex Ratchet

HR-S - Square Ratchet

HR-TW - Hex Torque Wrench

HSD - Hex Straight Driver Handle

VS - Titanium Vessel for Mount Removal

PT - Paralleling Tool

MU-AH - Multi-Unit Angulation Holder





TRI-LOBE CONNECTION IMPLANTS, PROSTHETICS, & SURGICAL INSTRUMENTATION



VISION™ TRI-LOBE CONNECTION



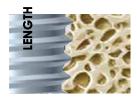
Vision™ VRI Features

The Vision™ is a non-aggressive implant that utilizes a Tri-Lobe connection. It is designed to be used primarily in hard bone conditions. The collar of this implant is designed with micro-threads that enhance stability in crestal bone. These design features make the Vision™ a great alternative when aggressive implants are not ideal.



Micro-Thread Collar

The collar of the Vision™ implant is designed with micro-threads that are used to enhance stabilization in crestal bone. This collar reduces pressure at the cortical plate, which allows for an increase in vascularity and a decrease in crestal bone loss. It is also textured with Hi-Tec Integrated SLA surface™. The SLA surface increases osseointegration, ensuring long-term stabilization.



Integrated SLA Surface™

Through a process of grit blasting and acid etching, Hi-Tec's SLA Integrated™ surface produces highly osseoconductive implants. This increases bone to implant surface area, which accelerates and improves osseointegration.



Prosthetic Compatibility

Over the last decade, the Tri-Lobe connection has become one of the more popular restoration options available. The tri-channel design of the Vision™ connection provides a stable seal between the implant fixture and prosthetic. This can help eliminate loosening of prosthetic elements and provide a better mucoseal seal. Product availability and simplicity make the restoration of Vision™ implants simple and predictable.











TECHNICAL SPECIFICATIONS

VISION™ TRI-LOBE CONNECTION





- Implant Material: Ti-6Al-4V Titanium Alloy
- Surface Finish: SLA Integrated Surface™
- Implant Collar: Textured Micro-Thread
- Delivery System: Available with a Placement Mount
- Implant Placement Torque: 30-60Ncm
- Abutment Torque: (Standard 35Ncm) (Multi-Unit 15Ncm)
- Prosthetic Screw Type: .050" (1.25mm) Hexagon
- Compatibility: NobelReplace® NP (VRI 3.5mm)

NobelReplace® RP (VRI 4.3mm) NobelReplace® WP (VRI 5.0mm)

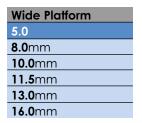
*NobelReplace® is a registered trademark of Nobel Biocare Group













Vision	™ lmp	olants	Drill S	equei	псе							
		RB	2.0	2.5	2.8	3.2	3.65	4.3	V-BT-3.5	CSD		
VRI 3.5	SOFT BONE	•	•	•	•	1/2				х		
	HARD BONE	•	•	•	•	1/2			•			
		RB	2.0	2.5	2.8	3.2	3.65	4.3	V-BT-3.5	V-BT-4.3	CSD	
VRI 4.3	SOFT BONE	•	•	•	•	•	•				x	
	HARD BONE	•	•	•	•	•	•			•		
VELEA		RB	2.0	2.5	2.8	3.2	3.65	4.3	V-BT-3.5	V-BT-4.3	V-BT-5.0	CSD
VRI 5.0	SOFT BONE	•	•	•	•	•	•	•				Х
	HARD BONE	•	•	•	•	•	•	•			•	
1/2 = DRILL TO H	AI F DEPTH	2	22	5.45	- 20	100	223	- 00	_	_		

1/₂ = Drill to half depth **X** = Countersink optional

Vision™ Implants Tri-Lobe Connection - Narrow Platform 3.5mm

Prosthetic Elements

	Analogs					Castable UCL	A Abulme	ents		_	CAD/CAM Cu	stom Pros	stnetics	
I	tem	SKU	Length	Cuff Height		Item	SKU	Length	Cuff Height		Item	SKU	Length	Cuff Height
	Ball Attachment Analog	BNL	14mm		J	Engaging Plastic Castable Abutment	NV-PCA	6.7mm			Short Scan Body	NV-SCAN-S	7.5mm	
I	Implant Analog	NV-IL	11.mm			Non-Engaging	NV-PCA-R	6.7mm		Ų	Long Scan Body	NV-SCAN-L	9.4mm	
1	Digital Analog	NV-ILD	11.05mm		Z	Plastic Castable Abutment				Ü	Multi-Unit - Scan Body	MU-SCAN	8.59mm	
	Impression Co	opings			J	Engaging Gold Castable Abutment	NV-PGA	12.7mm		Λ	Multi-Unit - Titanium Base	MU-TB	4.5mm	
	Closed Tray Impression Coping	NV-AAT	11.5mm		J	Non-Engaging Gold Castable Abutment	NV-PGA-R	12.7mm			Digital Analog	NV-ILD	11.05mm	1
	Open Tray mpression Coping	NV-AAT-L	15.5mm		4	Engaging Titanium Castable	NV-PTA	10.8mm		4	Engaging T-Base Abutment	NV-PRN	4.8mm	
	Snap Cap mpression Coping	NV-AST	13.5mm		10	Abutment Multi-Unit Co	mponents	5		Ĥ	Non-Engaging T-Base Abutment	NV-PRN-R	4.8mm	
	Snap Cap	T-PT	10mm		P	MU - Closed Tray Impression Coping	MU-AAT	9mm		4	Engaging Screw Retained T-Base Abutment	NV-ZTA-T		
	Titanium Prep	oarable A	butme		k	MU - Open Tray Impression Coping	MU-AAT-L	13.87mm		. u	Non-Engaging Screw Retained	NV-ZTA-T-R		
	traight Titanium .butment	NV-ACA-1 NV-ACA-2	7.2mm 8.2mm	1mm 2mm	Œ	MU - Analog	MU-CL	13.14mm		18	T-Base Abutment			
		NV-ACA-3 NV-ACA-4	9.2mm 10.2mm	3mm		MU - Fixation Screw	MU-FS				Zest® Locator	Abutmer	nts	
						MU - Healing Cap	MU-HC	4.71mm		•				
	Modular Abutment Set	NV-ACA-G-1 NV-ACA-G-2		1mm 2mm	Ц	MU - Plastic Castable Sleeve	MU-PC	11.9mm			Locator Tri-Lobe Connection	8756 8757		Omm 1mm
_	xbutment Set	NV-ACA-G-3 NV-ACA-G-4	S-SET	3mm 4mm	I	MU - Titanium Sleeve	MU-TPC	12.25mm		ĬĬ	Narrow Platform	8758 8759 8760		2mm 3mm 4mm
15	Degree Angled	NV-ANA-15-1	.5 8.7mm	1/2mm	Ü	MU - Scan Body	MU-SCAN	8.59mm				8734 8735		5mm 6mm
I	itanium Abutment	NV-ANA-15-2	2.5 9.9mm	2/3.2mm	Λ	MU - Titanium Base	MU-TB	4.5mm		6	Locator RT-X	30500-00		
	Zirconia Prep	arable Ak	outmen	ts	P	MU - Straight Abutment	NV-MU-1 NV-MU-2 NV-MU-3	3mm 4mm 5mm	1mm 2mm 3mm		Tri-Lobe Connection Narrow Platform (Includes Processing	30500-01 30500-02		0.25m 1mm 2mm 3mm
	Straight Zirconia Abutment	NV-ZTA	10.7mm	3.5mm	P	MU -17 Degree Angled Abutment	NV-MU-4 NV-MU-17	6mm 4.67mm	1.6/ 3mm	0	Package)	30500-04 30500-05 30500-06		4mm 5mm 6mm
	Healing Abut	ments			ř	MU -30 Degree Angled Abutment	NV-MU-30	4.2mm	0.63/ 3mm	E 6	Locator Male	8519-2		2-Pack
	lealing Abutment	NV-HC-3 NV-HC-5	3mm 5mm			MU - Zest® Locator Abutment Collar (2-Pack)	8909-2	1.0mm		9 G	Processing Package	8519-10		10-Pac
		NV-HC-7	7mm			O-Ball Abutm	nents				Locator Extended Male Processing Package	8540-2 8540-10		2-Pack 10-Pac
	traight Peek Nylon	NV-RPA	7.5mm	2mm	ë	O-Ball Abutment	NV-BBA-1 NV-BBA-2 NV-BBA-3 NV-BBA-4	3.1mm 4.8mm 5.8mm 6.8mm	1mm 2mm 3mm 4mm	 •	Locator Replacement Denture Cap Male Assembly	8510-4 8510-10		4-Pacl 10-Pac
	Temporary Abutmen	ι		1	Th.	Metal Housing	MH	3.22mm			Locator Fam -1-	0E70 4		4 D- : '
	5 Degree Peek Nylon Abutment	NV-RPA-15	8.7mm	1/2mm		Nylon Cap - Extra Light Retentio	NC-CLEAR on			9	Locator Female Analog (4mm Diameter)	8530-4 8530-20		4-Pack 20-Pac
	Engaging Straight Fitanium Temporary	NV-TA	12mm	1mm	1	Nylon Cap - Light Retention	NC-PINK			9	Locator Female Analog (5mm	8516-4 8516-20		4-Pack 20-Pac
V	Non-Engaging	NV-TA-R	12mm	1mm	3	Nylon Cap - Medium Retention	NC-ORANGE			-	Diameter)	9E0F 4		4 D- : '
	Straight Titanium Temporary Abutmen	t		-		Nylon Cap - High Retention	NC-GREEN			αĎ	Locator Impression Coping	8505-4 8505-20		4-Pack 20-Pac



Vision™ Implants Tri-Lobe Connection - Regular Platform 4.3mm

Prosthetic Elements

	Analogs				_	Castable UCL	A Abutme	ents		_	CAD/CAM Cu	stom Pros	thetics	5
	Item	SKU	Length	Cuff Height		Item	SKU	Length	Cuff Height		Item	SKU	Length	Cuff Heigh
	Ball Attachment Analog	BNL	14mm		J	Engaging Plastic Castable Abutment	RV-PCA	12.2mm		Y	Short Scan Body	RV-SCAN-S	7.5mm	
	Implant Analog	RV-IL	11mm		ij	Non-Engaging	RV-PCA-R	12.2mm		V	Long Scan Body	RV-SCAN-L	9.4mm	
	Digital Analog	RV-ILD	10mm		-7	Plastic Castable Abutment					Multi-Unit -	MU-SCAN	8.59mm	
	Impression C	opings			J	Engaging Gold Castable Abutment	RV-PGA	12.2mm			Scan Body			
	Closed Tray Impression Coping	RV-AAT	11.7mm		ij	Non-Engaging Gold Castable	RV-PGA-R	12.2mm		V	Multi-Unit - Titanium Base	MU-TB	4.5mm	
	Open Tray Impression Coping	RV-AAT-L	16.1mm		4	Abutment Engaging Titanium Castable	RV-PTA	10mm			Digital Analog	RV-ILD	10mm	
	Snap Cap Impression Coping	RV-AST	14.45mr	m	1	Abutment				1	Engaging T-Base Abutment	RV-PRN	4.7mm	
	Snap Cap	T-PT	10mm		•—	Multi-Unit Co	mponents	S		-	Non-Engaging T-Base Abutment	RV-PRN-R	4.7mm	
	Titanium Pre _l	parable Al	butmei	nts	1	MU - Closed Tray Impression Coping	MU-AAT	9mm		4	Engaging Screw Retained T-Base	RV-ZTA-T		
	Straight Titanium Abutment	RV-ACA-1 RV-ACA-2	7.4mm 8.4mm	1mm 2mm) (MU - Open Tray Impression Coping	MU-AAT-L	13.87mm		8	Abutment Non-Engaging	RV-ZTA-T-R		
А	butilient	RV-ACA-3	9.4mm	3mm) (MU - Analog	MU-CL	13.14mm		- 1	Screw Retained T-Base Abutment			
		RV-ACA-4	10.4mm	4mm	Q.	MU - Fixation Screw	MU-FS							
	Modular	RV-ACA-G-1-S	SET	1mm	'n	MU - Healing Cap	MU-HC	4.71mm			Zest® Locator	Δhutmer	nts	
	Abutment Set	RV-ACA-G-2- RV-ACA-G-3-		2mm 3mm		MU - Plastic Castable Sleeve	MU-PC	11.9mm		•	2031 2004101	7 (Butille)		
		RV-ACA-G-4-		4mm	Î	MU - Titanium Sleeve	MU-TPC	12.25mm			Locator Tri-Lobe Regular Platform	8761 8762 8763		0mm 1mm 2mm
	15 Degree Angled Fitanium Abutment	RV-ANA-15-1.5 RV-ANA-15-2.5				MU - Scan Body	MU-SCAN	8.59mm		_		8764 8765		3mm 4mm
	7'' D				А	MU - Titanium Base	MU-TB	4.5mm				8753		5mm
_	Zirconia Prep	arable Ab	utmen	ts	45	MU - Straight	RV-MU-1	3.2mm	1mm	722	9	8754		6mm
	Straight Zirconia Abutment	RV-ZTA	12.3mm	4mm	T	Abutment	RV-MU-2 RV-MU-3 RV-MU-4	4.2mm 5.2mm 6.2mm	2mm 3mm 4mm	Ü	Locator RT-X Tri-Lobe Connection Regular Platform	30501-00 30501-01 30501-02		0.5m 1mm
	15 Degree Angled	RV-ZTA-15	8.7mm	0.7/	4	MU -17 Degree Angled Abutment	RV-MU-17	4.67mm	1.61/ 3mm	0	(Includes Processing	30501-03		2mm
	Zirconia Abutment			1.90mm	9	MU -30 Degree Angled Abutment	RV-MU-30	5.32mm		0 0	Package)	30501-04 30501-05 30501-06		4mm 5mm 6mm
	Healing Abut	ments			-	MU - Zest® Locator Abutment Collar (2-Pack)	8909-2	1.0mm		6	Locator Male Processing Package	8519-2 8519-10		2-Pac 10-Pa
	Healing Abutment	RV-HC-3	3mm			(Z-Fack)				0				
		RV-HC-5 RV-HC-7	5mm 7mm			O-Ball Abutm	nents				Locator Extended Male Processing Package	8540-2 8540-10		2-Pac 10-Pa
	Temporary Al	butments			0	O-Ball Abutment	RV-BBA-1	3.8mm	1mm					
	Straight Peek Nylon		7.5mm	2mm	A		RV-BBA-2 RV-BBA-3 RV-BBA-4	4.8mm 5.8mm 6.8mm	2mm 3mm 4mm	•	Locator Replacement Denture Cap Male Assembly	8510-4 8510-10		4-Pa
	Temporary Abutmer	nt				Metal Housing	МН	3.22mm						
	15 Degree Peek Nylon Abutment	RV-RPA-15	8.7mm	0.7/1.9mm		Nylon Cap - Extra Light Retentio	NC-CLEAR on			9	Locator Female Analog (4mm Diameter)	8530-4 8530-20		4-Pa
	Engaging Straight Titanium Temporary	RV-TA	12mm	1mm		Nylon Cap - Light Retention	NC-PINK			ø.	Locator Female Analog (5mm	8516-4 8516-20		4-Pa
	Abutment Non-Engaging	RV-TA-R	12mm	1mm		Nylon Cap - Medium Retention	NC-ORANGE			383	Diameter)			10
	Non-Engaging Straight Titanium Temporary Abutmer		14111111	111111		Nylon Cap - High Retention	NC-GREEN				Locator Impression Coping	8505-4 8505-20		4-Pac 20-Pa



Vision™ Implants Tri-Lobe Connection - Wide Platform 5.0mm

Prosthetic Elements

Cuff SKU Item Length Height Ball Attachment BNL 14mm Analog Implant Analog WV-IL 11mm Digital Analog WV-ILD 10mm

	impression copings			
100	Closed Tray Impression Coping	WV-AAT	11.5mm	
1	Open Tray Impression Coping	WV-AAT-L	16.1mm	
i	Snap Cap Impression Coping	WV-AST	14.45mm	
3	Snap Cap	T-PT	10mm	

Titanium Preparable Abutments

4	Straight Titanium Abutment	WV-ACA-1 WV-ACA-2 WV-ACA-3 WV-ACA-4	7.4mm 8.4mm 9.4mm 10.4mm	1mm 2mm 3mm 4mm
1	Modular Abutment Set	WV-ACA-G-1 WV-ACA-G-2 WV-ACA-G-3 WV-ACA-G-4	-SET -SET	1mm 2mm 3mm 4mm



Healing Abutments

Y	Healing Abutment	WV-HC-3 WV-HC-5 WV-HC-7	3mm 5mm 7mm	
Y	Healing Abutment	WV-HC-5	5mm	

Temporary Abutments

Y	Straight Peek Nylon Temporary Abutmen		7.5mm	2mm
A	15 Degree Peek Nylon Abutment	WV-RPA-15	8.7mm().7/1.9mm
	Engaging Straight Titanium Temporary Abutment	WV-TA	12mm	1mm
	Non-Engaging	WV-TA-R	12mm	1mm

Straight Titanium Temporary Abutment

Castable UCLA Abutments

	Item	SKU	Length	Height
Į	Engaging Plastic Castable Abutment	WV-PCA	6.75mm	
J	Non-Engaging Plastic Castable Abutment	WV-PCA-R	6.75mm	
J	Engaging Gold Castable Abutment	WV-PGA	8.10mm	
J	Non-Engaging Gold Castable Abutment	WV-PGA-R	8.10mm	
	Engaging Titanium Castable Abutment	WV-PTA	10.75mm	1

Multi-Unit Components

MU-AAT

9mm

MU - Closed Tray

Impression Coping

) (MU - Open Tray Impression Coping	MU-AAT-L	13.87mm	
) [MU - Analog	MU-CL	13.14mm	
ij.	MU - Fixation Screw	MU-FS		
1	MU - Healing Cap	MU-HC	4.71mm	
	MU - Plastic Castable Sleeve	MU-PC	11.9mm	
I	MU - Titanium Sleeve	MU-TPC	12.25mm	
	MU - Scan Body	MU-SCAN	8.59mm	
Λ	MU - Titanium Base	MU-TB	4.5mm	
P	MU - Straight Abutment	WV-MU-1 WV-MU-2 WV-MU-3 WV-MU-4	3mm 4mm 5mm 6mm	1mm 2mm 3mm 4mm
4	MU -17 Degree Angled Abutment	WV-MU-17	4.7mm	1.61/ 3mm
P	MU -30 Degree Angled Abutment	WV-MU-30	4.2mm	0.63/ 3mm
-	MU - Zest® Locator Abutment Collar	8909-2	1.0mm	

O-Ball Abutments

(2-Pack)

No.	O-Ball Abutment	WV-BBA-1 WV-BBA-2 WV-BBA-3 WV-BBA-4	3.8mm 4.8mm 5.8mm 6.8mm	1mm 2mm 3mm 4mm
	Metal Housing	МН	3.22mm	
	Nylon Cap - Extra Light Retention	NC-CLEAR on		
	Nylon Cap - Light Retention	NC-PINK		
	Nylon Cap - Medium Retention	NC-ORANGE		
	Nylon Cap - High Retention	NC-GREEN		

CAD/CAM Custom Prosthetics

	Item	SKU	Length	Cuff Height
J	Short Scan Body	WV-SCAN-S	7.5mm	
V	Long Scan Body	WV-SCAN-L	9.4mm	
	Multi-Unit - Scan Body	MU-SCAN	8.59mm	
Λ	Multi-Unit - Titanium Base	MU-TB	4.5mm	
	Digital Analog	WV-ILD	10mm	
1	Engaging T-Base Abutment	WV-PRN	4.7mm	
#	Non-Engaging T-Base Abutment	WV-PRN-R	4.7mm	
4	Engaging Screw Retained T-Base Abutment	WV-ZTA-T		
4	Non-Engaging Screw Retained T-Base Abutment	WV-ZTA-T-R		

	Zest® Locator	Abutments	
	Locator Tri-Lobe Wide Platform	8766 8767 8768 8769 8770	1mm 2mm 3mm 4mm 5mm
	Locator RT-X Tri-Lobe Connection Wide Platform (Includes Processing Package)	30502-03	1mm 2mm 3mm 4mm 5mm 6mm
	Locator Male Processing Package	8519-2 8519-10	2-Pack 10-Pack
	Locator Extended Male Processing Package	8540-2 8540-10	2-Pack 10-Pack
•	Locator Replacement Denture Cap Male Assembly	8510-4 8510-10	4-Pack 10-Pack
9	Locator Female Analog (4mm Diameter)	8530-4 8530-20	4-Pack 20-Pack
2	Locator Female Analog (5mm Diameter)	8516-4 8516-20	4-Pack 20-Pack
3	Locator Impression Coping	8505-4 8505-20	4-Pack 20-Pack

Tri-Lobe Surgical Kit



Bone Taps

V-BT-3.5 - Bone Tap for VRI - 3.5mm, Handpieces

V-BT-4.3 - Bone Tap for VRI - 4.3mm, Handpieces V-BT-5.0 - Bone Tap for VRI - 5.0mm, Handpieces



Burs & Drills

RB - 2.0mm Round Bur

NX-LD-20T - 2.0mm Lindeman Bur

NX-TLD-20T - 2.0 mm Lance Drill

CSD - Implant Countersink

PD200L16C - 2.0mm Carbide Implant Drill

TD250L16C - 2.5mm Carbide Implant Drill

TD280L16C - 2.8mm Carbide Implant Drill

TD320L16C - 3.2mm Carbide Implant Drill

TD365L16C - 3.65mm Carbide Implant Drill

TD400L16C - 4.0mm Carbide Implant Drill

TD430L16C - 4.3mm Carbide Implant Drill TD450L16C - 4.5mm Carbide Implant Drill

TD520L16C - 5.2mm Carbide Implant Drill

TD550L16C - 5.5mm Carbide Implant Drill

Mount Tools

LIT-C - Implant Mount Tool for Handpiece

LIT-S - Short Implant Mount Tool for Ratchet

LIT-M - Medium Implant Mount Tool for Ratchet

LIT-L - Long Implant Mount Tool for Ratchet



Prosthetic Drivers

L-1.25 - Long Prosthetic Driver for Handpiece

S-1.25 - Short Prosthetic Driver for Handpiece

SHT-S - Short Prosthetic Driver for Ratchet

SHT-L - Long Prosthetic Driver for Ratchet

DENT-1.25 - Handheld Prosthetic Driver



The tri-lobe connection surgical kit is entirely customizable to your preference. This kit is compatible with Hi-Tec™ Vision™ implants. It houses all of the insertion tools, drivers, and drills necessary for implant surgery. This kit is convenient and easily organized with detailed labels and categories for each instrument. It is a fully autoclavable kit made of a thermoplastic material that withstands long-term sterilization.

Implant Drivers

NV-LIT-S - Short Implant Driver for NV - Ratchet

NV-LIT-L - Long Implant Driver for NV - Ratchet

RV-LIT-S - Short Implant Driver for RV - Ratchet

RV-LIT-L - Long Implant Driver for RV - Ratchet
WV-LIT-S - Short Implant Driver for WV - Ratchet

WV-LIT-L - Long Implant Driver for WV - Ratchet

NV-FT-S - Short Implant Driver for NV - Handpiece

 $\ensuremath{\mathsf{NV}}\text{-}\mathsf{FT}\text{-}\mathsf{L}$ - Long Implant Driver for $\ensuremath{\mathsf{NV}}$ - Handpiece

RV-FT-S - Short Implant Driver for RV - Handpiece RV-FT-L - Long Implant Driver for RV - Handpiece

WV-FT-S - Short Implant Driver for WV - Handpiece

WV-FT-L - Long Implant Driver for WV - Handpiece

Ratchets & Attachments

DL - Drill Extension

MU-IT - Hex Tool for Multi-Unit Abutments

MU-IT-Q - Square Tool for Multi-Unit Abutments

RAD - Hex to Square Adapter

ART - Hex/Square to FT Adapter

LS - Square to Latch Adapter

HR - Hex Ratchet

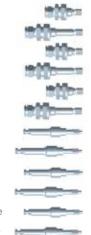
HR-S - Square Ratchet

HR-TW - Hex Torque Wrench

HSD - Hex Straight Driver Handle

VS - Titanium Vessel for Mount Removal

PT - Paralleling Tool







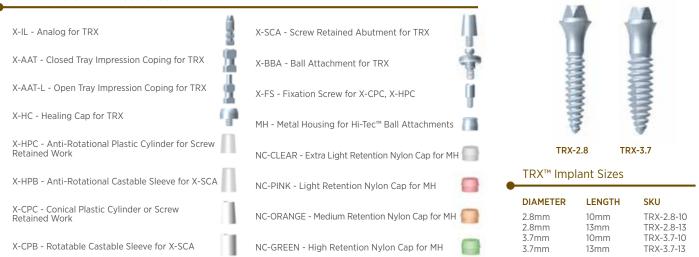
REDUCED DIAMETER IMPLANTS, PROSTHETICS, & SURGICAL INSTRUMENTATION



TRX™ Surgical Kit & Prosthetics

Immediate Loading - Trans Gingival Implants

TRX™ 2.8 & 3.7mm Prosthetics



Surgical Kit

Prosthetic Drivers

L-1.25 - Long Prosthetic Driver for Handpiece S-1.25 - Short Prosthetic Driver for Handpiece SHT-S - Short Prosthetic Driver for Ratchet SHT-L - Long Prosthetic Driver for Ratchet DENT-1.25 - Handheld Prosthetic Driver

Burs & Drills RB - 2.0mm Round Bur NX-LD-20T - 2.0mm Lindeman Bur NX-TLD-20T - 2.0 mm Lance Drill PD200L16C - 2.0mm Carbide Implant Drill TD220L16C - 2.2mm Carbide Implant Drill TD250L16C - 2.5mm Carbide Implant Drill TD280L16C - 2.8mm Carbide Implant Drill TD320L16C - 3.2mm Carbide Implant Drill

Implant Drivers

DL - Drill Extension

XTL - Short Implant Driver for TRX



Ratchets & Attachments

RAD - Hex to Square Adapter HR - Hex Ratchet HR-S - Square Ratchet HR-TW - Hex Torque Wrench



Cassette

PT - Paralleling Tool

MISK - Mini Implant Surgical Kit



TRX-TP™ Surgical Kit & Prosthetics

Two-Piece Ball Attachment Implants

TRX-TP™ 2.4, 2.8, & 3.3mm Prosthetics

ATL - Implant Analog for TRX-TP & TRX-BA

TP-IL - Implant Analog for TRX-TP

TC - Nylon Impression Coping for TRX-TP & TRX-BA

TP-BA-0.5 - 0.5mm Cuff Ball Attachment for TRX-TP

TP-BA-1.5 - 1.5mm Cuff Ball Attachment for TRX-TP

TP-CPC - Plastic Abutment for Screw Retained Work

TP-SAT - 1-Piece Abutment for TRX-TP

TP-SCA - Abutment for Cemented Crown on TRX-TP

MH - Metal Housing for Hi-Tec™ Ball Attachments

NC-CLEAR - Extra Light Retention Nylon Cap for MH

NC-PINK - Light Retention Nylon Cap for MH

NC-ORANGE - Medium Retention Nylon Cap for MH

Surgical Kit

Prosthetic Drivers

L-1.25 - Long Prosthetic Driver for Handpiece
S-1.25 - Short Prosthetic Driver for Handpiece
SHT-S - Short Prosthetic Driver for Ratchet
SHT-L - Long Prosthetic Driver for Ratchet
DENT-1.25 - Handheld Prosthetic Driver

Burs & Drills

RB - 2.0mmRound Bur

NX-LD-20T - 2.0mm Lindeman Bur

NX-TLD-20T - 2.0 mm Lance Drill

PD200L16C - 2.0mm Carbide Implant Drill

TD220L16C - 2.2mm Carbide Implant Drill

TD250L16C - 2.5mm Carbide Implant Drill

TD280L16C - 2.8mm Carbide Implant Drill



TRX-TP™ Implant Sizes

DIAMETER	LENGTH	SKU
2.4mm	10mm	TRX-TP-2.4-10
2.4mm	11.5mm	TRX-TP-2.4-11.5
2.4mm	13mm	TRX-TP-2.4-13
2.8mm	10mm	TRX-TP-2.8-10
2.8mm	13mm	TRX-TP-2.8-13
3.3mm	10mm	TRX-TP-3.3-10
3.3mm	13mm	TRX-TP-3.3-13

Cassette

MISK - Mini Implant Surgical Kit



Implant Drivers

TIT-S - Short Implant Driver for TRX-TP/TRX-BA



TIT-L - Long Implant Driver for TRX-TPP/TRX-BA

Ratchets & Attachments

DL - Drill Extension

RAD - Hex to Square Adapter

HR - Hex Ratchet

HR-S - Square Ratchet

HR-TW - Hex Torque Wrench

XTR - Mount Remover

PT - Paralleling Tool



TRX-BA™ Surgical Kit & Prosthetics

One-Piece Ball Attachment Implants

TRX-BA™ 2.8, & 3.3mm Prosthetics







TRX-BA™ Implant Sizes

DIAMETER	LENGTH	SKU
2.8mm	10mm	TRX-BA-2.8-10
2.8mm	13mm	TRX-BA-2.8-13
3.3mm	10mm	TRX-BA-3.3-10
3.3mm	13mm	TRX-BA-3.3-13

Surgical Kit

Burs & Drills

RB - 2.0mm Round Bur	
NX-LD-20T - 2.0mm Lindeman Bur	
NX-TLD-20T - 2.0 mm Lance Drill	
PD200L16C - 2.0mm Carbide Implant Drill TD220L16C - 2.2mm Carbide Implant Drill TD250L16C - 2.5mm Carbide Implant Drill TD280L16C - 2.8mm Carbide Implant Drill	Ĭ

Cassette

MISK - Mini Implant Surgical Kit



Implant Drivers

TIT-S - Short Implant Driver for TRX-TP/TRX-BA

TIT-L - Long Implant Driver for TRX-TPP/TRX-BA



Ratchets & Attachments

DL - Drill Extension

RAD - Hex to Square Adapter

HR - Hex Ratchet

HR-S - Square Ratchet

HR-TW - Hex Torque Wrench

XTR - Mount Remover

PT - Paralleling Tool

TRX-OP™ Surgical Kit & Prosthetics

One-Piece - Immediate Loading Implants

TRX-OP™ 2.8 & 3.7mm Prosthetics

OP-HC - Nylon Healing Cap for TRX-OP 2.8 & 3.7mm

OP-IL - Implant Analog for TRX-OP 2.8 & 3.7mm

OP-TC - Nylon Impression Coping for TRX-OP 2.8& 3.7mm



LP-HC - Nylon Healing Cap for TRX-OP 4.5mm

LP-IL - Implant Analog for TRX-OP 4.5mm

LP-R - Nylon Impression without Square Coping for TRX-OP $4.5 \mathrm{mm}$

LP-S - Nylon Impression with Square Coping for

TRX-OP 4.5mm

 $\ensuremath{\mathsf{LP-TC}}$ - Nylon Impression Coping for TRX-OP 4.5mm



TRX-OP™ Implant Sizes

DIAMETER	LENGTH	SKU
2.8mm	10mm	TRX-OP-2.8-10
2.8mm	13mm	TRX-OP-2.8-13
3.7mm	10mm	TRX-OP-3.7-10
3.7mm	13mm	TRX-OP-3.7-13
4.5mm	10mm	TRX-OP-4.5-10
4.5mm	13mm	TRX-OP-4.5-13

Surgical Kit

Burs & Drills

RB - 2.0mm Round Bur

NX-LD-20T - 2.0mm Lindeman Bur

NX-TLD-20T - 2.0 mm Lance Drill

CSD - Implant Countersink

PD200L16C - 2.0mm Carbide Implant Drill

TD220L16C - 2.2mm Carbide Implant Drill

TD250L16C - 2.5mm Carbide Implant Drill TD280L16C - 2.8mm Carbide Implant Drill

TD320L16C - 3.2mm Carbide Implant Drill

TD365L16C - 3.65mm Carbide Implant Drill

TD400L16C - 4.0mm Carbide Implant Drill



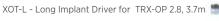
Cassette

MISK - Mini Implant Surgical Kit



Implant Drivers

XOT-S - Short Implant Driver forTRX-OP 2.8, 3.7mm



TIT-S - Short Implant Driver for TRX-OP 4.5mm

TIT-L - Long Implant Driver for TRX-OP 4.5mm



Ratchets & Attachments

DL - Drill Extension

RAD - Hex to Square Adapter

HR - Hex Ratchet

HR-TW - Hex Torque Wrench

XTR - Mount Remover

HR-S - Square Ratchet

PT - Paralleling Tool





TRI & TRI-N™ Surgical Kit & Prosthetics

One Piece Mini Implants

TRI™ 2.4mm Prosthetics

ATL - Implant Analog for TRI

TC - Nylon Impression Coping for TRI & TRI-N

MH - Metal Housing for Hi-Tec™ Ball Attachments

NC-CLEAR - Extra Light Retention Nylon Cap for MH

NC-PINK - Light Retention Nylon Cap for MH



TRI-N™ 2.4mm Prosthetics

ANL - Implant Analog for TRI-N

TC-N - Nylon Impression Coping for TRI & TRI-N

Surgical Kit

Burs & Drills

RB - 2.0mm Round Bur

NX-LD-20T - 2.0mm Lindeman Bur

NX-TLD-20T - 2.0 mm Lance Drill

PD200L16C - 2.0mm Carbide Implant Drill

Implant Drivers

TIT-S - Short Implant Driver for TRI & TRI-N

TIT-L - Long Implant Driver for TRI & TRI-N

Cassette

MISK - Mini Implant Surgical Kit





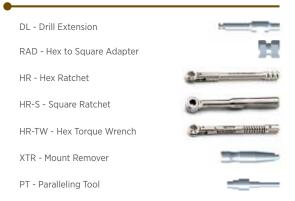
TRI™ Implant Sizes

DIAMETER	LENGTH	SKU
2.4mm	11.5mm	TRI-11.5-SR
2.4mm	13mm	TRI-13-SR

TRI-N™ Implant Sizes

DIAMETER	LENGTH	SKU
2.4mm	10mm	TRI-N-10-SR
2.4mm	13mm	TRI-N-13-SR

Ratchets & Attachments



TRI-OR™ Surgical Kit & Prosthetics

Multi Function Orthodontic Implants

TRI-OR™ Implant Features

- One-Piece Construction
- Self-Tapping/Drilling
- Made of Grade 5 Titanium
- Cross Slot Bracket Design for 0.025 wire
- 0.7mm Diameter Hole for Round Wire
- 0.7mm Slot for Elastic Band or Connecting Wire

TRI-OR™ Implant Sizes

DIAMETER	LENGTH	SKU
1.3mm	6mm	TRI-OR-1.3-6
1.3mm	10mm	TRI-OR-1.3-10
1.8mm	6mm	TRI-OR-1.8-6
1.8mm	10mm	TRI-OR-1.8-10

Surgical Instrumentation

HR-TW - Hi-Tec Torque Wrench



HR - Hex Ratchet



ORT - Insertion Tool for TRI-OR Implants



HSD - Hex Straight Driver Handle



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CE MARK – After demonstrating compliance with Annex II of Medical Devices Directive 93/42/EEC, entitles us to use CE Marketing on our products.

ISO 13485: 2003 – An international standard for quality management of medical devices, Hi-Tec Implants LTD™ meets the requirements of ISO 13485 : 2003 for the design, manufacturing and inspection of dental implants and accessories.

ISO 9001: 2000 - Certifies that Hi-Tec Implants LTD[™] demonstrates compliance of our quality system to meet the requirements of ISO 9001: 2000 (an international standard for quality management system).

Health Canada Medical Device License and CMDCAS ISO 13485: 2003 Accredited Since 2005.

