

PRODUCT CATALOG 2024

BlacksmithWave

Craftsmanship for your prosperity



www.blacksmithwave.com

**Blacksmith
Wave**



BlacksmithWave

Professional Solutions for
implant prosthetics.

BlacksmithWave is a supplier of high-precision implant prosthetics for the dental industries.

From product design to manufacturing, we offer a wide range of products compatible with various implant systems at competitive prices with advanced manufacturing process and optimized quality control systems that meet the high safety and regulatory requirements of the United States (FDA).

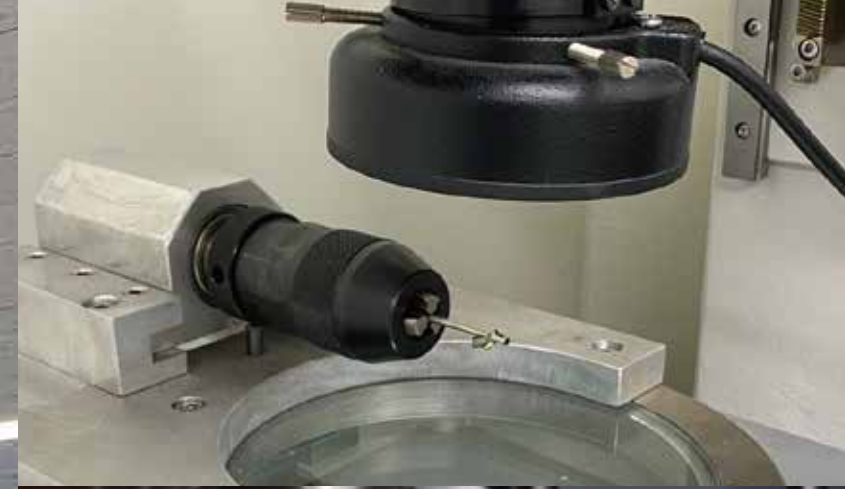
welcome to
the world of
BlacksmithWave

www.blacksmithwave.com



We Provide

Success Through Quality Management Excellence



Pre-milled Blank

- BOTH engaging & non-engaging
- 10mm / 14mm

Features

- **Proven material use**
 - Titanium Grade 5 ELI
- **Compatible with 6 manufacturers**
 - Straumann BL NC/RC
 - NobelBiocare Active 3.0/NP/RP/WP
 - Zimmer TSV 3.5/4.5/5.7
 - Osstem TS Mini/Regular (Hiossen ET)
 - Dentium SuperLine
 - Megagen AnyRidge
- **Total millable length: 20mm**
- **Minimal gingival transition: 0.2mm**
- **Come with 2 screws**



Scan Body

- for BOTH engaging & non-engaging

Features

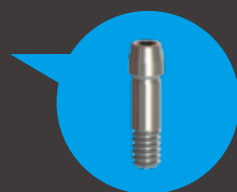
- **Durable Surface**
 - No scan powder needed with TiAl coating
 - Save time and obtain accurate scan
- **Shape (half straight & half tapered)**
 - No scan powder needed with TiAl coating
 - Easy on patients' soft tissue
- **Shape (half straight & half tapered)**
 - : Screw fit to original implant driver
 - : No need purchase separate driver



Packaging

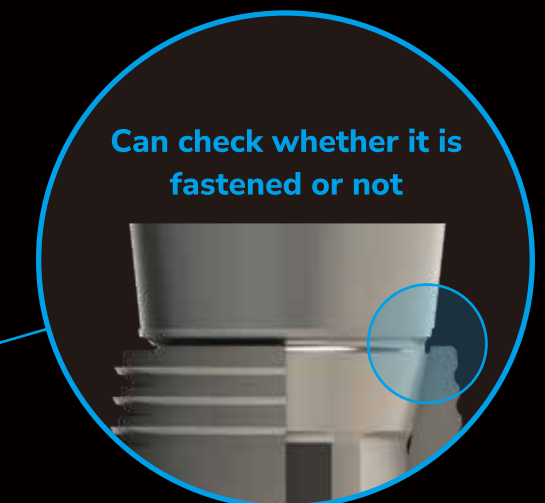
Top pocket contains final screw & shows torque numbers

- Cut out top pocket and send to clinic
- Keep final screw clean and safe
- Save time and cost for BOTH Lab and Clinic
- Lab screw with all Ti base & pre-milled blank



Final screw in top pocket

Scan-Enhanced TiAl Coating Application



Can check whether it is fastened or not

Lab Analog

• for BOTH stone and 3D-printed model

Features

- **Anti-rotation & positioning guide**
 - Prevent rotation, easy positioning, strong hold
- **Insertion assuring notch**
 - "Clicking" assures complete insertion
 - Perfect fit for 3D-printed model
- **Product identification line on post**
 - 1 for Narrow , 2 for Regular size
- **Insertion assuring notch**
 - CAD library includes glue channel hole
 - No need for extra glue space

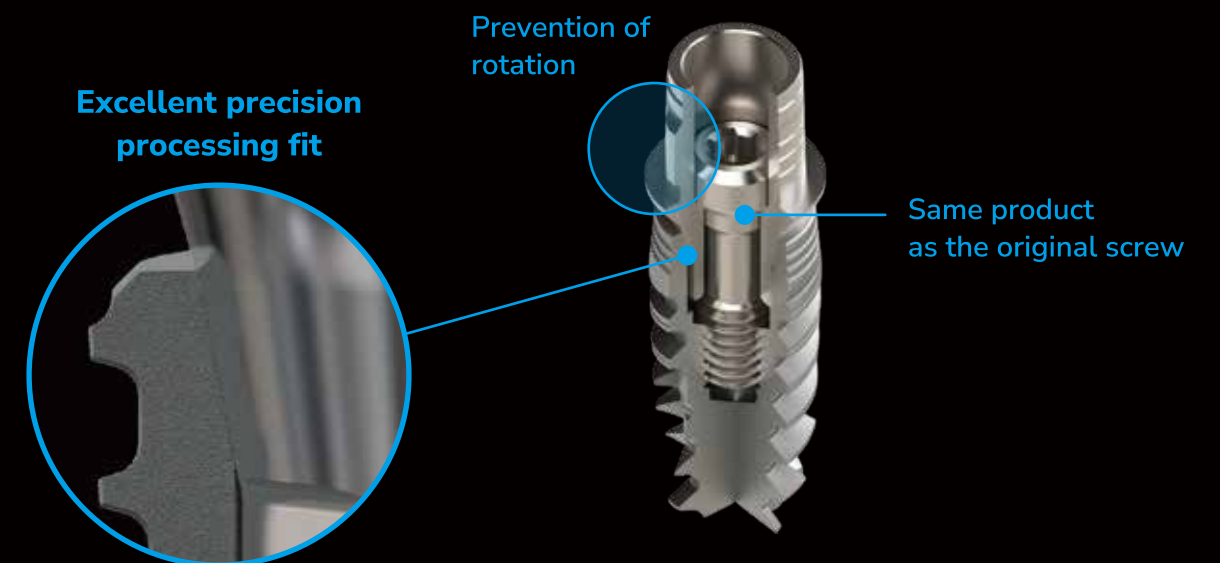


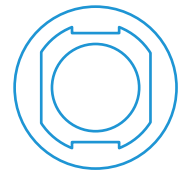
Titanium Base

• for BOTH engaging & non-engaging

Features

- **Anti-rotation ridge**
 - Maintain restoration orientation
- **Strong bonding**
 - Multiple retention grooves
- **Tighter retention in top portion**
 - with CAD library for extra retention
- **Compatible with original screws**
 - No need for extra screw driver
 - Simplify clinical workflow











CONICAL SQUARE



Engaging Non-engaging

Compatible with Straumann® bone level

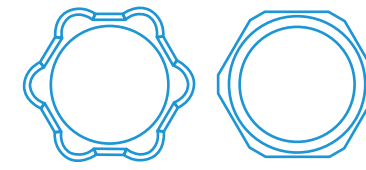
Ti-BASE	Type	G/H	P/H	Code	
				NC	RC
 <p>NC Ø 3.8mm RC Ø 4.0mm</p>		GH 1.0mm	Post 3.5mm	TBSTN3813S	TBSTR4013S
			Post 5.5mm	TBSTN3815S	TBSTR4015S
	GH 2.0mm	Post 3.5mm	TBSTN3823S	TBSTR4023S	
		Post 5.5mm	TBSTN3825S	TBSTR4025S	
	GH 1.0mm		Post 3.5mm	TBSTN3813N	TBSTR4013N
			Post 5.5mm	TBSTN3815N	TBSTR4015N
GH 2.0mm	Post 3.5mm	TBSTN3823N	TBSTR4023N		
	Post 5.5mm	TBSTN3825N	TBSTR4025N		

PRE-MILLED BLANK	Type	Diameter	Code	
			NC	RC
		TI Ø 10mm	PM10STN20S	PM10STR24S
		TI Ø 14mm	PM14STN20S	PM14STR24S
		TI Ø 10mm	PM10STNN	PM10STRN
		TI Ø 14mm	PM14STNN	PM14STRN

SCAN BODY	Type	Code	
		NC	RC
		SCAN STN	SCAN STR

ANALOG	Type	Code	
		NC	RC
		ALSTN	ALSTR



















SCREW TORX	Type	Code	
		NC	RC
	Recommended torque 25N _{cm}	CKSTS (N)	CKSTS (R)

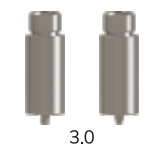












ACTIVE HEX

Engaging Non-engaging

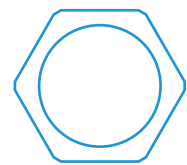
Compatible with NobelBiocare® Nobel Active

Ti-BASE	G/H	P/H	Code			
			3.0	NP	RP	WP
 <p>3.0</p>	1.0mm	3.5mm	 TBNO3513T	 TBNO4013H	TBNO4513H	TBNO5013H
		5.5mm	 TBNO3515T	 TBNO4015H	TBNO4515H	TBNO5023H
	2.0mm	3.5mm	 TBNO3523T	 TBNO4023H	TBNO4523H	TBNO5015H
		5.5mm	 TBNO3525T	 TBNO4025H	TBNO4525H	TBNO5025H
 <p>NP, RP, WP</p>	1.0mm	3.5mm	 TBNO3513N	 TBNO4013N	TBNO4513N	TBNO5013N
		5.5mm	 TBNO3515N	 TBNO4015N	TBNO4515N	TBNO5015N
	2.0mm	3.5mm	 TBNO3523N	 TBNO4023N	TBNO4523N	TBNO5023N
		5.5mm	 TBNO3525N	 TBNO4025N	TBNO4525N	TBNO5025N

PRE-MILLED BLANK	Diameter	Code			
		3.0	NP	RP	WP
 <p>3.0</p>	TI Ø 10mm	 PM10NOM30T	 PM10NON22H	PM10NOR26H	PM10NOW35H
	TI Ø 14mm	 PM14NOM30T	 PM14NON22H	PM14NOR26H	PM14NOW35H
	TI Ø 10mm	 PM10NOMN	 PM10NONN	PM10NORN	PM10NOWN
	TI Ø 14mm	 PM14NOMN	 PM14NONN	PM14NORN	PM14NOWN

SCAN BODY	Code			
	3.0	NP	RP	WP
	SCAN NO3	SCAN NON	SCAN NOR	SCAN NOW
ANALOG	ALNO3	ALNON	ALNOR	ALNOW
		CKNOS	CKNON	CKNOR

SCREW TORX	Type	Code			
		3.0	NP	RP	WP
	Recommended torque 25N _{cm}	CKNOS	CKNON	CKNOR	CKNOR



INTERNAL HEX

Engaging Non-engaging

Compatible with Zimmer® Screw-vent (TSV)

TI-BASE	Type	G/H	P/H	Code		
				3.5	4.5	5.7
	Engaging	1.0mm	3.5mm	TBZM3813H	TBZM4513H	TBZM6513H
			5.5mm	TBZM3815H	TBZM4515H	TBZM6515H
		2.0mm	3.5mm	TBZM3823H	TBZM4523H	TBZM6523H
	5.5mm		TBZM3825H	TBZM4525H	TBZM6525H	
	Non-engaging	1.0mm	3.5mm	TBZM3813N	TBZM4513N	TBZM6513N
			5.5mm	TBZM3815N	TBZM4515N	TBZM6515N
2.0mm		3.5mm	TBZM3823N	TBZM4523N	TBZM6523N	
	5.5mm	TBZM3825N	TBZM4525N	TBZM6525N		

PRE-MILLED BLANK	Type	Diameter	Code		
			3.5	4.5	5.7
	Engaging	TI Ø 10mm	PM10ZM35H	PM10ZM45H	PM10ZM57H
		TI Ø 14mm	PM14ZM35H	PM14ZM45H	PM14ZM57H
	Non-engaging	TI Ø 10mm	PM10ZM35N	PM10ZM45N	PM10ZM57N
		TI Ø 14mm	PM14ZM35N	PM14ZM45N	PM14ZM57N

SCAN BODY	Code		
	3.5	4.5	5.7
	SCAN Z35	SCAN Z45	SCAN Z57



ANALOG	Code		
	3.5	4.5	5.7
	ALZ35	ALZ45	ALZ57



SCREW HEX 1.27 mm	Code
	CKZMS

Recommended torque 25Ncm



CONICAL HEX

Engaging Non-engaging

Compatible with Osstem® TS

TI-BASE	Type	G/H	P/H	Code	
				Mini	Regular
	Engaging	1.0mm	3.5mm	TBOSM4013H	TBOSR4513H
			5.5mm	TBOSM4015H	TBOSR4515H
		2.0mm	3.5mm	TBOSM4023H	TBOSR4523H
	5.5mm		TBOSM4025H	TBOSR4525H	
	Non-engaging	1.0mm	3.5mm	TBOSM4013N	TBOSR4513N
			5.5mm	TBOSM4015N	TBOSR4515N
2.0mm		3.5mm	TBOSM4023N	TBOSR4523N	
	5.5mm	TBOSM4025N	TBOSR4525N		

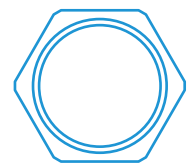
PRE-MILLED BLANK	Type	Diameter	Code	
			Mini	Regular
	Engaging	TI Ø 10mm	PM10OSM21H	PM10OSR25H
		TI Ø 14mm	PM14OSM21H	PM14OSR25H
	Non-engaging	TI Ø 10mm	PM10OSMN	PM10OSRN
		TI Ø 14mm	PM14OSMN	PM14OSRN

SCAN BODY	Code	
	Mini	Regular
	SCAN OSM	SCAN OSR

ANALOG	Code	
	Mini	Regular
	ALOSM	ALOSR

SCREW HEX 1.2 mm	Code	
	Mini	Regular
	CKOSM	CKOSS

Recommended torque 25Ncm



CONICAL HEX

Engaging Non-engaging

Compatible with Dentium® Superline

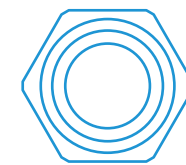
Ti-BASE	Type	G/H	P/H	Code
				3.6 / 3.8 / 4.0 / 4.5 / 5.0
		1.0mm	3.5mm	TBDNR4513H
			5.5mm	TBDNR4515H
		2.0mm	3.5mm	TBDNR4523H
			5.5mm	TBDNR4525H
		1.0mm	3.5mm	TBDNR4513N
			5.5mm	TBDNR4515N
2.0mm	3.5mm	TBDNR4523N		
	5.5mm	TBDNR4525N		

PRE-MILLED BLANK	Type	Diameter	Code
		TI Ø 10mm	PM10DNR25H
		TI Ø 14mm	PM14DNR25H
		TI Ø 10mm	PM10DNRN
		TI Ø 14mm	PM14DNRN

SCAN BODY	Code
	SCAN DNR

ANALOG	Code
	ALDNR

SCREW HEX 1.27 mm	Code
Recommended torque 25N _{cm}	CKDNR



CONICAL HEX

Engaging Non-engaging

Compatible with Megagen® AnyRidge

Ti-BASE	Type	G/H	P/H	Code
				3.6 / 3.8 / 4.0 / 4.5 / 5.0
		1.0mm	3.5mm	TBMEM4313H
			5.5mm	TBMEM4315H
		2.0mm	3.5mm	TBMEM4323H
			5.5mm	TBMEM4325H
		1.0mm	3.5mm	TBMEM4313N
			5.5mm	TBMEM4315N
2.0mm	3.5mm	TBMEM4323N		
	5.5mm	TBMEM4325N		

PRE-MILLED BLANK	Type	Diameter	Code
		TI Ø 10mm	PM10MEM23H
		TI Ø 14mm	PM14MEM23H
		TI Ø 10mm	PM10MEMN
		TI Ø 14mm	PM14MEMN

SCAN BODY	Code
	SCAN MEM

ANALOG	Code
	ALMEM

SCREW HEX 1.2 mm	Code
Recommended torque 25N _{cm}	CKMEM

Blacksmith Wave

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