



HI-TEC IMPLANTS

TAPERED SELF THREAD™

Compatible with Internal Hex System




by **SYNCA** 


1-800-667-9622
www.synca.com

TAPERED SELF THREAD™
Internal Hex Thread Implants


3.30 mm Tapered Titanium Thread Implant: Self Thread 3.30

	<u>Length</u>	<u>Cat. No.</u>	<u>Item</u>
		Integrated Surface™	
	8 mm	NTI 8-SR	ø 3.30 mm Titanium
	10 mm	NTI 10-SR	Self Tapping Implants
	11.5 mm	NTI 11.5-SR	Including Titanium
	13 mm	NTI 13-SR	Cover Screw
	16 mm	NTI 16-SR	


3.75 mm Tapered Titanium Thread Implant: Self Thread 3.75

	<u>Length</u>	<u>Cat. No.</u>	<u>Item</u>
		Integrated Surface™	
	8 mm	SLT 8-SR	ø 3.75 mm Titanium
	10 mm	SLT 10-SR	Self Tapping Implants
	11.5 mm	SLT 11.5-SR	Including Titanium
	13 mm	SLT 13-SR	Cover Screw
	16 mm	SLT 16-SR	

4.20 mm Tapered Titanium Thread Implant: Self Thread 4.20

	<u>Length</u>	<u>Cat. No.</u>	<u>Item</u>
		Integrated Surface™	
	8 mm	GTI 8-SR	ø 4.20 mm Titanium
	10 mm	GTI 10-SR	Self Tapping Implants
	11.5 mm	GTI 11.5-SR	Including Titanium
	13 mm	GTI 13-SR	Cover Screw
	16 mm	GTI 16-SR	

5.00 mm Tapered Titanium Thread Implant : :Self Thread 5.00

	<u>Length</u>	<u>Cat. No.</u>	<u>Item</u>
		Integrated Surface™	
	8 mm	WTI 8-SR	ø 5.00 mm Titanium
	10 mm	WTI 10-SR	Self Tapping Implants
	11.5 mm	WTI 11.5-SR	Including Titanium
	13 mm	WTI 13-SR	Cover Screw
	16 mm	WTI 16-SR	



TAPERED SELF THREAD™

Surgical Drills

Tapered Self Thread - Drill Sequence

NTI 3.30	◆	◆	◆	◆				
SLT 3.75	◆	◆	◆	◆	◆			
GTI 4.20	◆	◆	◆	◆	◆	◆	(◆)	
WTI 5.00	◆	◆	◆	◆	◆	◆		◆

▶ Indicated drill lengths do not include triangular tip.

RB ø 2 mm ø 2.50 mm ø 2.80 mm ø 3.20 mm ø 3.65 mm ø 4.30 mm
 PD FSD NTD STD GTD CSD WTD

Placement of Self Thread Implants

1. After exposure of the bone, penetrate the bone to the depth of 8 mm using a PD 2.00 mm drill.
2. X-rays can be taken with paralleling tool placed in preparation to evaluate length and direction.
3. Use FSD 2.50 mm drill to achieve required depth.
4. Use NTD 2.80 mm drill to complete the preparation for the SELF THREAD 3.30 implant.
5. In case of dense bone, the preparation should be enlarged with a STD 3.20 mm drill to the depth of 3 mm.
6. The STD 3.20 mm drill completes the preparation for the SELF THREAD 3.75 Implant. In case of dense bone, use Bone Tap S-BT for final preparation for SELF THREAD 3.75 implant.
7. The GTD 3.65 mm drill completes the preparation for the SELF THREAD 4.20 implant. In case of dense bone, use Bone Tap G-BT for final preparation and the CSD drill for cervical preparation for SELF THREAD 4.20 implant.
8. The WTD 4.30 mm drill completes preparation for SELF THREAD 5.00 mm implant. In case of dense bone, use Bone Tap W-BT for final preparation for SELF THREAD 5.00 implant.
9. Hold the implant mount and thread the implant into the preparation site, continue using a Ratchet or Hex Screw Driver (HR, HSD) with adaptor (RAD) or insertion tool (LIT-S, LIT-M).
10. Undo the connection screw using a 1.25 mm Hex Tool (SHT) and remove the mount. If necessary use long insertion Tool (LIT-L) to continue screwing the implant.
11. Connect the cover screw or healing cap using the 1.25 Hex Tool (SHT).

TAPERED SELF THREAD™
Surgical Kit

SURGICAL INSTRUMENTATION
HR - Hex Ratchet

**HR-TW - Torque Wrench
10-45 Ncm**

HSD - Hex Screw Driver

RAD - Hex to Square Adaptor

DL - Drill Extension

PT - Paralleling Tool

N-BT II - Bone Tap for 3.30

S-BT II - Bone Tap for 3.75

G-BT II - Bone Tap for 4.20

LIT-L - Long Insertion Tool

LIT-M - Medium Insertion Tool

LIT-S - Short Insertion Tool

SHT - 1.25 Hex Tool

SHT-L - 1.25 Long Hex Tool

W-BT II - Bone Tap for 5.00

LIT-C - Insertion Tool for Contra Angle

SHT-C - 1.25 Hex Tool for Contra Angle

HEALING CAPS
HC-3 - 3 mm Healing Cap for 3.30 & 3.75 Implants
HC-5 - 5 mm Healing Cap for 3.30 & 3.75 Implants

W-HC-3 - 3 mm Healing Cap for 4.20 & 5.00 Implants
W-HC-5 - 5 mm Healing Cap for 4.20 & 5.00 Implants

HC-3-P - 3 mm Anatomic Healing Cap for 3.30 & 3.75
HC-5-P - 5 mm Anatomic Healing Cap for 3.30 & 3.75

W-HC-3-P - 3 mm Anatomic Healing Cap for 4.20 & 5.00
W-HC-5-P - 5mm Anatomic Healing Cap for 4.20 & 5.00


TAPERED SELF THREAD 3.30, 3.75
Prosthetic Elements

Item	Cat. No.	Length	Item	Cat. No.	Length	Item	Cat. No.	Length
 Esthetic Anti-Rotation Abutment	ACA - E - 1 ACA - E - 2 ACA - E - 3 ACA - E - 4	7 mm 8 mm 9 mm 10 mm	 Over-Denture Ball-Attachment	BBA - 0.5 BBA - 2 BBA - 4 BBA - 6	0.5mm 2 mm 4 mm 6 mm	 17° Abutment	S-MU - 17	1.5
 Anti-Rotation Abutment	ACA	10 mm	 Nylon Cap	NC		 30° Abutment	S-MU - 30	1.3
 Narrow Anti-Rotation Abutment	ACA-S	9 mm	 Metal Housing	MH		 Straight Abutment	S-MU	1,2,3,4
 Wide Anti-Rotation Abutment	ACA-P	10 mm	 Impression Transfer (Closed Tray)	AAT		 MU - Healing Cap	MU-HC	2.5
 Full Anti-Rotation Abutment	ACA-R	12 mm	 Impression Transfer for Open Tray	AAT - L		 MU - Castable Sleeve	MU-PC	12
 Gold Castable Abutment	PGA	12 mm	 “SNAP CAP” Impression Transfer for Closed Tray	T-PT AST		 MU - Titanium Sleeve	MU-TPC	12
 Titanium Castable Abutment	PTA	12 mm	 Non Hex Impression Transfer	SAT		 MU - Fixation Screw	MU-FS	2.5
 Plastic Castable Abutment	PCA	10 mm	 Impression Transfer On CBA / OBA	TS		 MU - Closed Impression Transfer	MU-AAT	
 15° Abutment	ANA - 15	10 mm	 Implant Analog	IL		 MU - Opened Impression Transfer	MU-AAT-L	
 25° Abutment	ANA - 25	10 mm	 OBA Analog	BL		 MU - Analog	MU-CL	
 15° Shoulder Abutment	ANA - 15 - E - 1 ANA - 15 - E - 2	1 mm 2 mm	 CBA Analog	CL		 MU - Hex Tool	MU-IT	
 Zirconium/Titan. Abutment	ZTA	12 mm	 Ball-Attachment Analog	BNL		 MU - Square Tool	MU-IT-Q	
 Zirconium/Titan. Fused Abutment	ZTA-B	12 mm	 Plastic Cylinder for OBA	PC 10	10 mm	 Modular Shouldered Abutment	ACA-G-1 ACA-G-2 ACA-G-3 ACA-G-4	1 2 3 4
 Abutment CAD-CAM	PRZ	5 mm	 Titan. Cylinder for OBA	PC-T 10	10 mm	 Comfort Cap	G-HC	
 Screw-in Abutment	SCA	10 mm	 Plastic Cylinder for CBA	CPC	10 mm	 Impression Transfer	G-PT	
 Peek Temporary Abutment	RPA RPA 15 RPA 25	10mm 10mm 10mm	 Titan. Cylinder for CBA	CPC-T	10 mm	 Analog	GL	
 Over Denture Base Abutment	OBA 3 OBA 5	3 mm 5 mm	 Fixation Screw for OBA/CBA	FS 3 FS 8 FS 12	3 mm 8 mm 12 mm	 Castable Sleeve	GC-R	
 Conical Base Abutment	CBA 2 CBA 3 CBA 4	2 mm 3 mm 4 mm				 Anti-Rotation Castable Sleeve	GC-F	
						 1.8 Hex Tool for OBA/CBA	LHT	
						 LONG 1.8 Hex Tool for OBA/CBA	LHT-L	

Abutments
Ball-Attachments
Impression Transfer
Analogs
Fixed Detachable
UNIVERSAL UNIT ABUTMENTS - for ALL ON FOUR
MODULAR ABUTMENT SYSTEM
CBA/OBA Tools



TAPERED SELF THREAD 4.20 & 5.00

Item	Cat. No	Length	
Ball Attachment			
	Over-Denture Ball-Attachment	W-BBA - 0.5 W-BBA - 2 W-BBA - 4 W-BBA - 6	0.5 mm 2 mm 4 mm 6 mm
	Nyloc Cap	NC	
	Metal Housing	MH	
	Ball-Attachment Analog	BNL	
Implant Level Abutments Transfers and Analogs			
	Esthetic Anti-Rotation Abutment	W-ACA - E - 1 W-ACA - E - 2 W-ACA - E - 3 W-ACA - E - 4	7 mm 8 mm 9 mm 10 mm
	Anti-Rotation Abutment	W-ACA	10 mm
	Wide Anti-Rotation	W-ACA-P	10 mm
	Full Anti-Rotation Abutment	W-ACA-R	12 mm
	Gold Castable Abutment	W-PGA	12 mm
	Titanium Castable Abutment	W-PTA	12 mm
	Plastic Castable Abutment	W-PCA	10 mm
	15° Abutment 25° Abutment	W-ANA - 15 W-ANA - 25	10 mm 10 mm
	15° Shoulder Abutment	W-ANA - 15 - E - 1 W-ANA - 15 - E - 2	1 mm 2 mm
	Zirconium/Titan. Abutment	W-ZTA	12 mm
	Zirconium/Titan. Fused Abutment	W-ZTA-B	12 mm
	Abutment for CAD CAM	W-PRZ	5.8 mm
	Non Engaging Abutment for CAD CAM	W-PRZ-R	5.8 mm
	Screw-in Abutment	W-SCA	10 mm
	Impression Transfer (Closed Tray)	W-AAT	
	Impression Transfer for Open Tray	W-AAT-L	
	"Snap Cap"	T-PT	
	Impression Transfer for Closed Tray	W-AST	
	Non Hex Impression Transfer	W-SAT	
	Implant Analog	W-IL	

Prosthetic Elements

Item	Cat. No	Length	
Modular Abutment			
	Modular Shoulder Abutment	W-ACA-G-1 W-ACA-G-2 W-ACA-G-3 W-ACA-G-4	1 2 3 4
	Comfort Cap	G-HC	
	Impression Transfer	G-PT	
	Analog	GL	
	Castable Sleeves	GC-R	
	Anti-Rotation Castable Sleeve	GC-F	
Universal Unit			
	Straight Abutment	W-MU	1,2,3,4
	25° Abutment	W-MU - 25	1.5
	MU - Healing Cap	MU-HC	2.5
	MU-Castable Sleeve	MU-PC	12
	MU - Titanium Sleeve	MU-TPC	12
	MU - Fixation Screw	MU-FS	2.5
	MU - Closed Impression Transfer	MU-AAT	
	MU - Open Impression Transfer	MU-AAT-L	
	MU-Analog	MU-CL	
	MU - Hex Tool	MU-IT	
	MU - Square Tool	MU-IT-Q	
	Fixed Detachable		
	Over Denture Base Abutment	W-OBA 3 W-OBA 5	3 mm 5 mm
		Conical Base Abutment	W-CBA 1 W-CBA 2 W-CBA 4
Plastic Cylinder for OBA		PC 10	10 mm
Titanium Cylinder for OBA		PC-T 10	10 mm
	Plastic Cylinder for CBA	CPC	10 mm
	Plastic Cylinder for CBA	CPC-T	10 mm
	Fixation Screw for OBA / CBA	FS 3 FS 8 FS 12	3 mm 8 mm 12 mm
	Impression Transfer for CBA / OBA	TS	
	Analog of OBA	BL	
	Analog of CBA	CL	
	1.8 Hex Tool for OBA / CBA	LHT	
	Long 1.8 Hex Tool for OBA / CBA	LHT-L	