



# LOGIC™

Compatible with Nobel® (Active)



by **SYNCA** 

1-800-667-9622  
[www.synca.com](http://www.synca.com)

**LOGIC™ IMPLANTS**
**Tapered Thread Implants**
**3.0 mm Titanium Thread Implants LGI 3.00™**


<u>Length</u>	<u>Cat. No.</u>	<u>Item</u>
8.5 mm	LGI 3.0 - 8.5	Pre-Mounted ø 3.00
10 mm	LGI 3.0 - 10	Titanium Integrated
11.5 mm	LGI 3.0 - 11.5	Surface™ Self
13 mm	LGI 3.0 - 13	Tapping Implant
16 mm	LGI 3.0 - 16	


**3.5 mm Titanium Thread Implants LGI 3.50™**


<u>Length</u>	<u>Cat. No.</u>	<u>Item</u>
8.5 mm	LGI 3.5 - 8.5	Pre-Mounted ø 3.50
10 mm	LGI 3.5 - 10	Titanium Integrated
11.5 mm	LGI 3.5 - 11.5	Surface™ Self
13 mm	LGI 3.5 - 13	Tapping Implant
16 mm	LGI 3.5 - 16	


**4.3 mm Titanium Thread Implants LGI 4.30™**


<u>Length</u>	<u>Cat. No.</u>	<u>Item</u>
8.5 mm	LGI 4.3 - 8.5	Pre-Mounted ø 4.30
10 mm	LGI 4.3 - 10	Titanium Integrated
11.5 mm	LGI 4.3 - 11.5	Surface™ Self
13 mm	LGI 4.3 - 13	Tapping Implant
16 mm	LGI 4.3 - 16	


**5.0 mm Titanium Thread Implants LGI 5.00™**


<u>Length</u>	<u>Cat. No.</u>	<u>Item</u>
8.5 mm	LGI 5.0 - 8.5	Pre-Mounted ø 5.0
10 mm	LGI 5.0 - 10	Titanium Integrated
11.5 mm	LGI 5.0 - 11.5	Surface™ Self
13 mm	LGI 5.0 - 13	Tapping Implant
16 mm	LGI 5.0 - 16	

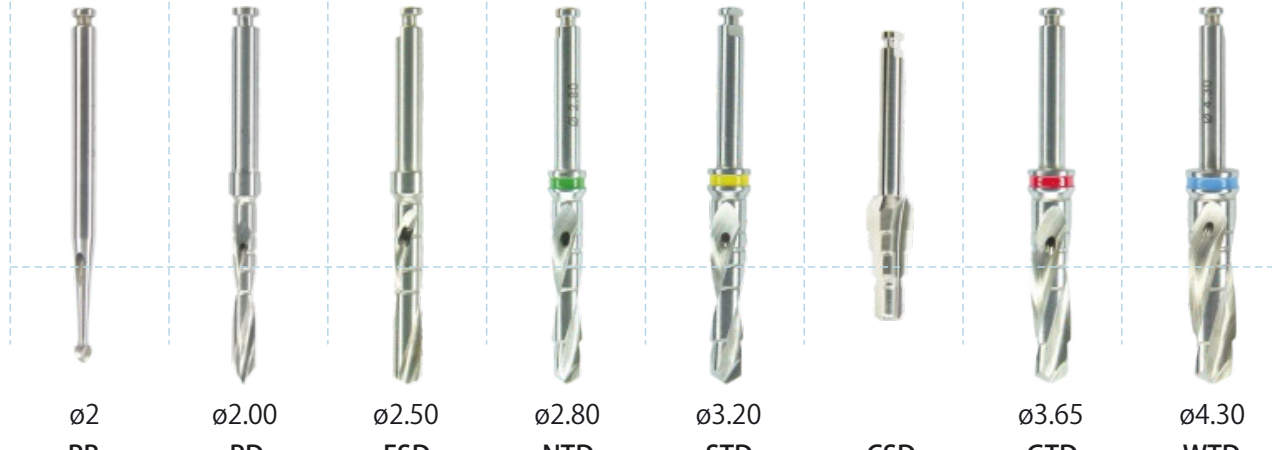


**LOGIC - Drill Sequence**

◆ Soft Bone  
◆ Hard Bone

LGI 3.00	◆	◆	◆			◆		
LGI 3.50	◆	◆	◆	◆	◆	◆		
LGI 4.30	◆	◆	◆	◆	◆		◆	
LGI 5.00	◆	◆	◆	◆	◆		◆	◆

► Indicated drill lengths do not include triangular tip.



ø2 RB      ø2.00 PD      ø2.50 FSD      ø2.80 NTD      ø3.20 STD      CSD      ø3.65 GTD      ø4.30 WTD

**Placement of Logic Implants**



- After exposure of the bone, penetrate the bone to the depth of 8 mm using a PD 2.00mm drill.
- X-rays can be taken with paralleling tool placed in preparation to evaluate length and direction.
- Use FSD 2.50mm drill to complete the preparation for the Logic 3.00 implant in soft bone. In case of dense bone, the preparation should be completed with L-BT 3.0 bone tap.
- Use NTD 2.80mm drill to complete the preparation for the Logic 3.50 implant in soft bone. In case of dense bone, the preparation should be continued with STD 3.20 mm drill and completed with CSD drill to the first line and L-BT 3.5 bone tap can be used.
- The STD 3.20 mm drill completes the preparation for the Logic 4.3 Implant in soft bone. In case of dense bone, use the GTD 3.65 mm drill to complete the preparation and L-BT 4.3 bone tap can be used.
- The GTD 3.65 mm drill completes the preparation of the Logic 5.00 implant in soft bone. In case of dense bone, use the WTD 4.30 mm drill to complete preparation and L-BT 5.0 bone tap can be used.
- 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) or LIT-C for contra angle.
- Undo the connection screw using a 1.25 mm Hex Tool (SHT) and remove mount. If necessary use long Insertion Tool (NL/SL-LIT) to continue screwing the implant.
- Connect the cover screw or healing cap using the 1.25 Hex Tool (SHT).

**LOGIC™ IMPLANTS**
**Surgical Kit**



**SURGICAL INSTRUMENTATION**

- |                                 |                                                                                     |                                                          |                                                                                       |
|---------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------|
| HR - Hex Ratchet                |    | NL-LIT-S/L - Short/Long Insertion Tool for LGI 3.5       |    |
| TWR - Torque Wrench 10-45 Ncm   |    | SL-LIT-S/L - Short/Long Insertion Tool for LGI 4.3 & 5.0 |    |
| HSD - Hex Screw Driver          |   | LIT-S - Short Insertion Tool for Mount                   |   |
| RAD - Hex to Square Adaptor     |  | LIT-C - Insertion Tool for Contra Angle                  |  |
| DL - Drill Extension            |  | SHT-S/L - 1.25 Short / Long Hex Tool                     |  |
| PT - Paralleling Tool           |  | SHT-C - 1.25 Hex Tool for Contra Angle                   |  |
| L-BT 3.0 - Bone Tap for LGI 3.0 |  | NL-LIT-C - Insertion Tool for LGI 3.0 & 3.5              |  |
| L-BT 3.5 - Bone Tap for LGI 3.5 |  | SL-LIT-C - Insertion Tool for LGI 4.3 & 5.0              |  |
| L-BT 4.3 - Bone Tap for LGI 4.3 |  | NL-FT-S - Friction Insertion Tool for LGI 3.0 & 3.5      |  |
| L-BT 5.0 - Bone Tap for LGI 5.0 |  | SL-FT-S - Friction Insertion Tool for LGI 4.3 & 5.0      |  |
| VS - Implant Mount Remover      |  | ART - Adaptor to Ratchet for NL-FT-S/L & SL-FT-S/L       |  |

**LGI 3.5**

Item	Cat. No.	Length
 Healing Cap ø4.7	NL-HC - 3 NL-HC - 5	3 mm 5 mm
 Full Healing Cap ø4.2	NL-HC - F	5 mm

**LGI 4.3 & 5.0**

Item	Cat. No.	Length
 Healing Cap ø5.0	SL-HC - 3 SL-HC - 5	3 mm 5 mm
 Full Healing Cap ø4.5	SL-HC - F	5 mm



**LOGIC™**
**PROSTHETIC ELEMENTS**
**3.5**

Item	Cat. No.	Length
	Over Denture NL-BBA - 2	2 mm
	Ball-Attachment NL-BBA - 4	4 mm
	NL-BBA - 6	6 mm
	Nylon Cap NC	
	Metal Housing MH	
	Anti-Rotation Abutment NL-ACA - 1.5	1.5 mm
	NL-ACA - 2.5	2.5 mm
	NL-ACA - 3.5	3.5 mm
	NL-ACA - 4.5	4.5 mm
	15° Angulated Abutment NL-ANA - 15	1.5 mm
	NL-ANA - 15 - 2.5	2.5 mm
	Impression Transfer for Closed Tray NL-AAT	
	Impression Transfer for Open Tray NL-AAT-L	
	"SNAP-CAP" T-PT	
	Impression Transfer for Closed Tray NL-AST	
	Implant Analog NL-IL	
	Plastic Castable Abutment. NL-PCA	10 mm
	Non Engaging Abutment. NL-PCA-R	10 mm
	Gold Castable Abutment NL-PGA	12 mm
	Zirconium/Titan. Abutment NL-ZTA	12 mm
	15° Zirconium/Titan. Abutment NL-ZTA 15	10 mm
	Abutment for CAD CAM NL-PRZ	5.8 mm
	Non Engaging NL-PRZ-R	5.8 mm
	Provisional Engaging NL-TA	12 mm
	Non Engaging NL-TA-R	12 mm
	Universal Unit Abutment NL-MU - 1	1 mm
	NL-MU - 2	2 mm
	NL-MU - 3	3 mm
	NL-MU - 4	4 mm
	17° Universal Unit Abutment NL-MU 17	3.5 mm
	30° Universal Unit Abutment NL-MU 30	3.5 mm










**4.3 & 5.0**

Item	Cat. No.	Length
	Over-Denture SL-BBA - 2	2 mm
	Ball-Attachment SL-BBA - 4	4 mm
	SL-BBA - 6	6 mm
	Nylon Cap NC	
	Metal Housing MH	
	Anti-Rotation Abutment SL-ACA - 1.5	1.5 mm
	SL-ACA - 2.5	2.5 mm
	SL-ACA - 3.5	3.5 mm
	SL-ACA - 4.5	4.5 mm
	15° Angulated Abutment SL-ANA - 15	1.5 mm
	SL-ANA - 15 - 2.5	2.5 mm
	Impression Transfer for Closed Tray SL-AAT	
	Impression Transfer for Open Tray SL-AAT-L	
	"SNAP-CAP" T-PT	
	Impression Transfer for Closed Tray SL-AST	
	Implant Analog SL-IL	
	Plastic Castable Abutment. SL-PCA	10 mm
	Non Engaging Abutment. SL-PCA-R	10 mm
	Gold Castable Abutment SL-PGA	12 mm
	Zirconium/Titan. Abutment SL-ZTA	12 mm
	15° Zirconium/Titan. Abutment SL-ZTA 15	10 mm
	Abutment for CAD CAM SL-PRZ	5.8 mm
	Non Engaging SL-PRZ-R	5.8 mm
	Provisional Engaging SL-TA	12 mm
	Non Engaging SL-TA-R	12 mm
	Universal Unit Abutment SL-MU - 1	1 mm
	SL-MU - 2	2 mm
	SL-MU - 3	3 mm
	SL-MU - 4	4 mm
	17° Universal Unit Abutment SL-MU 17	3.5 mm
	30° Universal Unit Abutment SL-MU 30	3.5 mm

**MODULAR ABUTMENT SYSTEM**

	3.5 Modular Shouldered Abutment NL-ACA-G - 1	1
	NL-ACA-G - 2	2
	NL-ACA-G - 3	3
	NL-ACA-G - 4	4
	4.3 & 5.0 Modular Shouldered Abutment SL-ACA-G - 1	1
	SL-ACA-G - 2	2
	SL-ACA-G - 3	3
	SL-ACA-G - 4	4
	Comfort Cap G-HC	
	Impression Transfer G-PT	
	Abutment Analog GL	
	Castable Sleeve GC-R	
	Anti-Rotation Castable Sleeve GC-F	

**UNIVERSAL UNIT COMPONENTS & TOOLS**

	MU - Healing Cap MU-HC	2.5 mm
	MU - Castable Sleeve MU-PC	12 mm
	MU - Titanium Sleeve MU-TPC	12 mm
	MU - Fixation Screw MU-S	1,2,3,4 mm
	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	