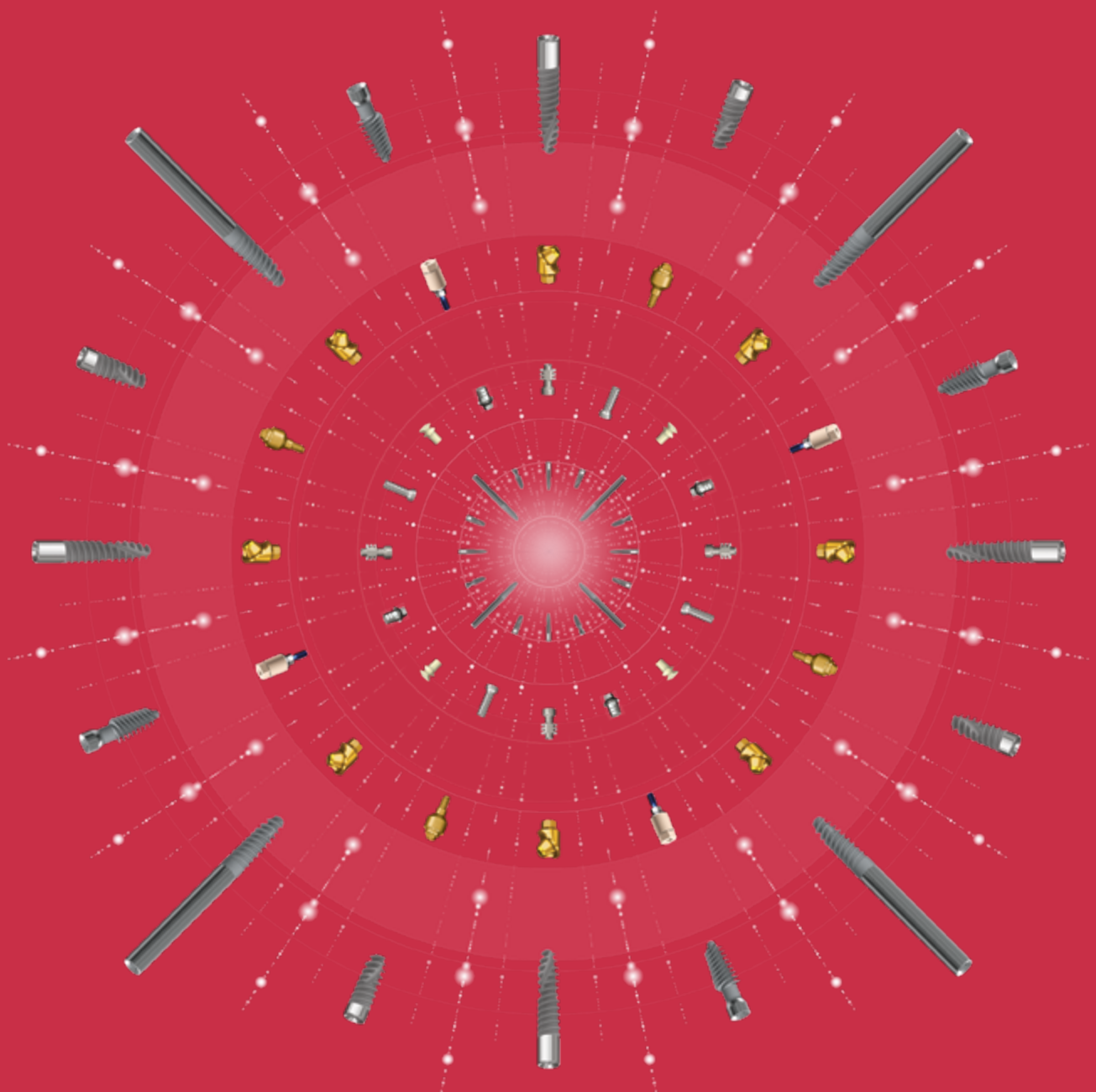
2020 PRODUCT CATALOG



OH Enterprises

Personal Attention
Accurate Dental Solutions

Precision
Down to the Smallest Detail

Wide Range of Dental Solutions
Engineered for a Lifetime

Global Partners

Table of Contents

Company Profile

Improving the lives of dentists and patients around the world with the leading technology in dental implant systems

DENTAL IMPLANT SOLUTIONS
The collaboration between leading experts and our team of experienced physicians and professional engineers to design, develop and manufacture innovative products and systems results in a creative synergy that benefits both the dental industry and the patients it serves.

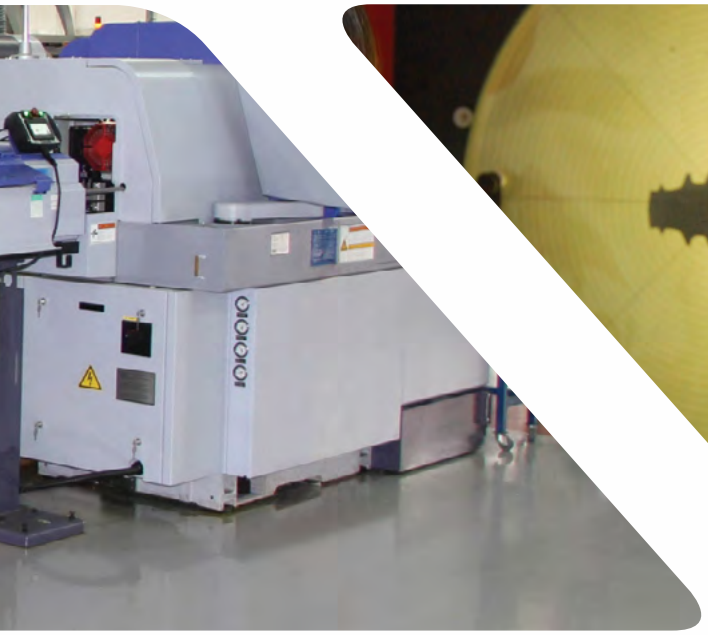
GROUNDBREAKING RESEARCH & DEVELOPMENT
Results in innovative solutions backed by clinical evidence. Each new product and system developed is supplied with comprehensive peripheral tooling needed for its successful implementation.

PROFESSIONAL TRAINING
Familiarizes dental surgeons and technicians with expert techniques and tools.

PROVEN PRODUCTS & WIDE RANGE OF SOLUTIONS
Enables all procedures, from simple to complex, to be tackled with ease.

PERIPHERAL TOOLKITS
Enable easy implementation, providing a total solution which covers every step of the process.

ONGOING SUPPORT
Ensures dental professionals benefit from knowledge sharing and backup every step of the way.



Regulatory Compliance

Noris Medical invests significant resources in creating an environment for the design and manufacture of its dental products. Keeping patient safety at the forefront throughout the process, Noris Medical complies with international regulatory compliance for manufacturing and quality. The entire manufacturing process is monitored and recorded for total process traceability. All facilities are subjected to strict inspection procedures.

- Products carry the CE mark and meet the European Medical Device Directive (93/42/EEC).
- Products received the FDA Clearance Premarket Notification (510k) (K140440, K151909, K153043, K162308).
- Meticulous quality control system is in compliance with EN ISO 13485:2016 and FDA QSR 21 CFR Part 820.
- Successful MDSAP (Medical Device Single Audit Process) AUDIT are conducted annually.
  This audit is recognized by United States FDA, Australia TGA, Brazil ANVISA, Japan PMDA, Canada CMDR
- ISO 7 clean room production.

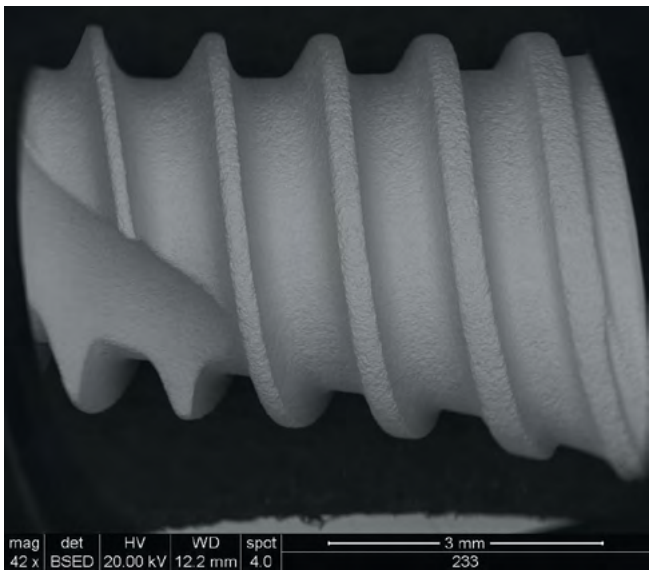
Materials & Surface Treatment

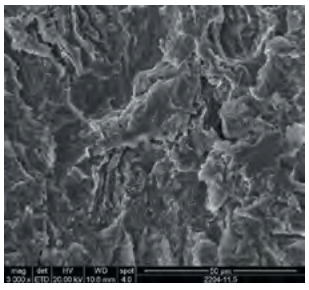
Titanium alloys are known for their superior biocompatibility and tensile strength. Therefore, all Noris Medical Dental Implants and Prosthetic Components are produced from Titanium Alloy Ti6Al4V ELI (Grade 23).

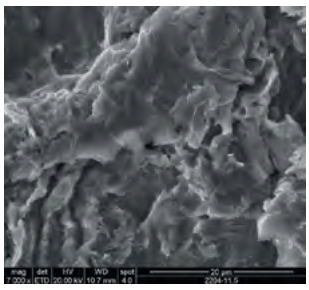
Macroscopic and microscopic properties of Dental Implant surfaces play a major role in their osseous healing process. Roughened implant surfaces provide increased retention strength. The topography, down to the micrometer, affects the attachment and growth of bone cells.

Noris Medical applies RBM (Resorbable Blast Media) technique in order to induce the sub-micro topography. The material used for RBM process is Calcium Phosphate, which is a highly resorbable and biocompatible material. Usage of Calcium Phosphate as the blasting material also eliminates the need of using strong acids for the removal of blasting material remnants.

Implant surfaces that have been RBM treated are considered to be more osteoconductive. Research showed higher percentage of bone to implant contact around RBM treated implants. This finding could be especially useful in severe clinical conditions like poor bone quality and in cases of early or immediate loading.







References

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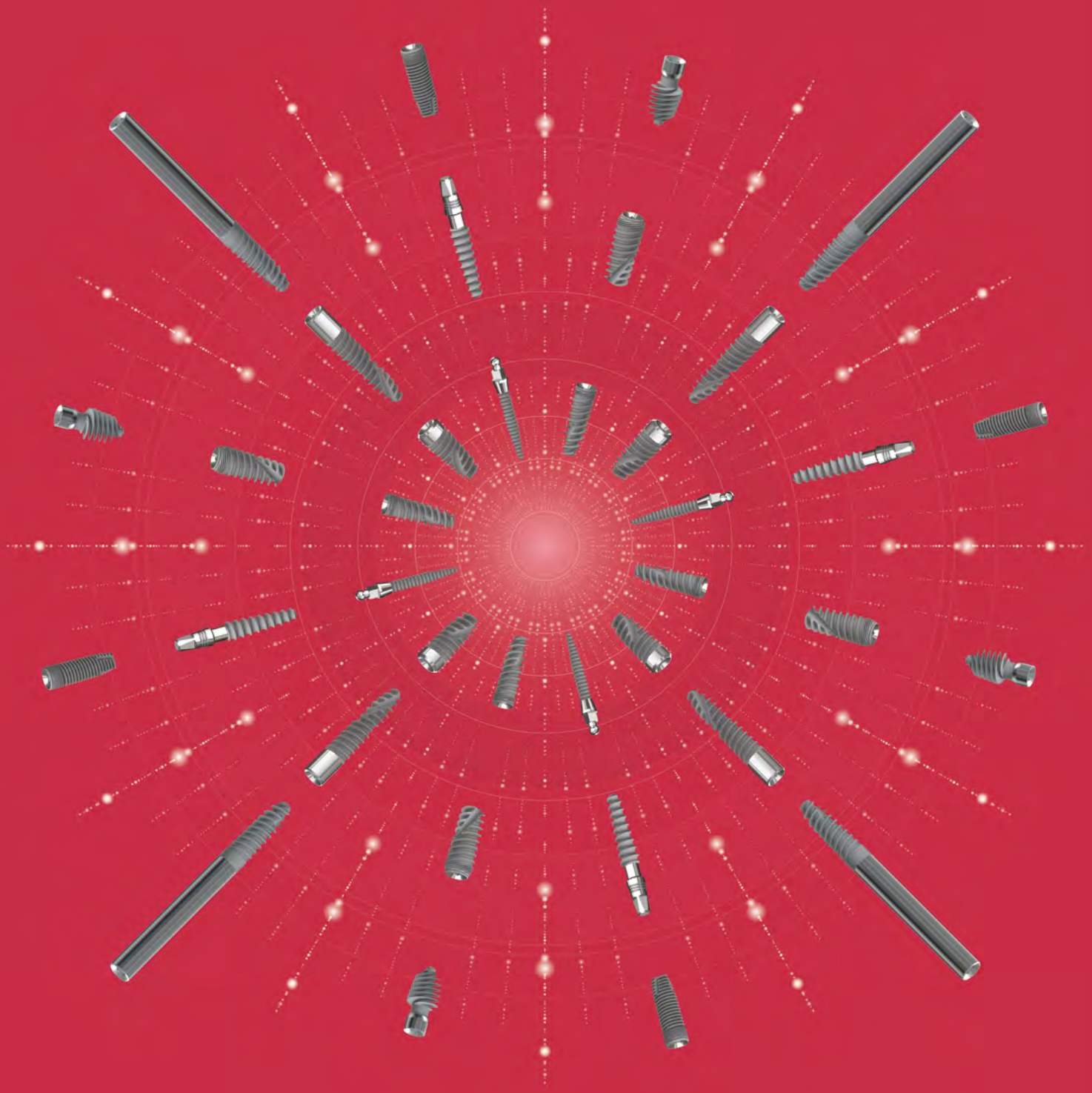
Schwartz Z, Raz P, Zhao G, Barak Y, Tauber M, Yao H, Boyan BD. Effect of micrometer-scale roughness of the surface of Ti6Al4V pedicle screws in vitro and in vivo. J Bone Joint Surg Am. 2008; 90:2485-98.

Piattelli A, Manzon L, Scarano A, Paolantonio M, Piattelli M. Histologic and histomorphometric analysis of the bone response to machined and sandblasted titanium implants: An experimental study in rabbits. Int J Oral Maxillofac Implants. 1998;13:805–810.

Piattelli M, Scarano A, Quaranto M, Petrone G, Piattelli A. bone response in rabbit to machined and RBM titanium implants. J Dent Res. 1999;78:1126.

Piattelli M, Scarano A, Paolantonio M, Iezzi G, Petrone G, Piattelli A. Bone response to machined and resorbable blast material titanium implants: an experimental study in rabbits. J Oral Implantol. 2002;28;2-8.

Implants



Internal Hex. Implants Index

Internal Hex. Drivers

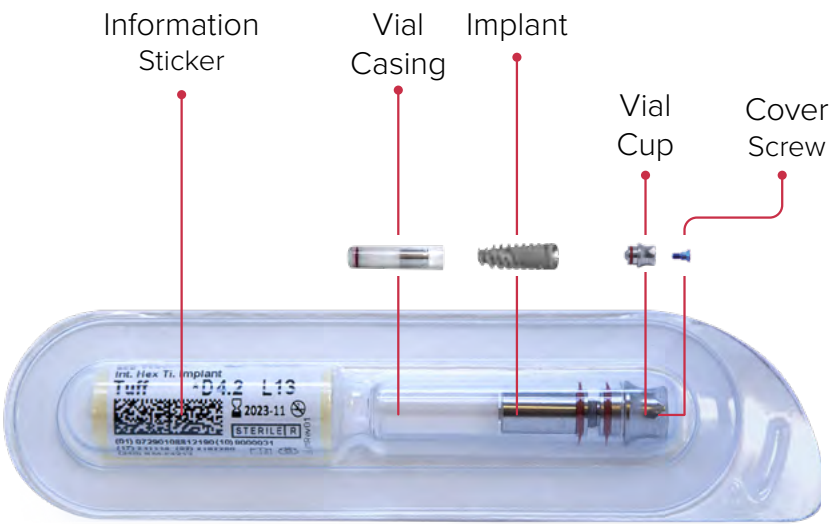
NMHX2640 NMHX2620 NMHX2615 NMHX2610 NMHX2607 NMHX1015 NMHX1014

Driver
⎔ **2.42**mm

Motor Mount
⎔ **2.42**mm

Implant Sterile Blister

Non-Holder Packaging



One Piece Implants Index

Pages 28-29	Pages 28-29	Pages 30-31	Pages 32-33
MBI	**MBI NC**	**Mono**	**Mono Bendable**
			

MBI Drivers

NM-X2415

Driver
1.7mm

NM-X1520

Motor Mount
1.7mm

Mono Drivers

NM-X1018

Driver
2.15mm

NM-X1019

Driver
2.15mm

NM-X1620

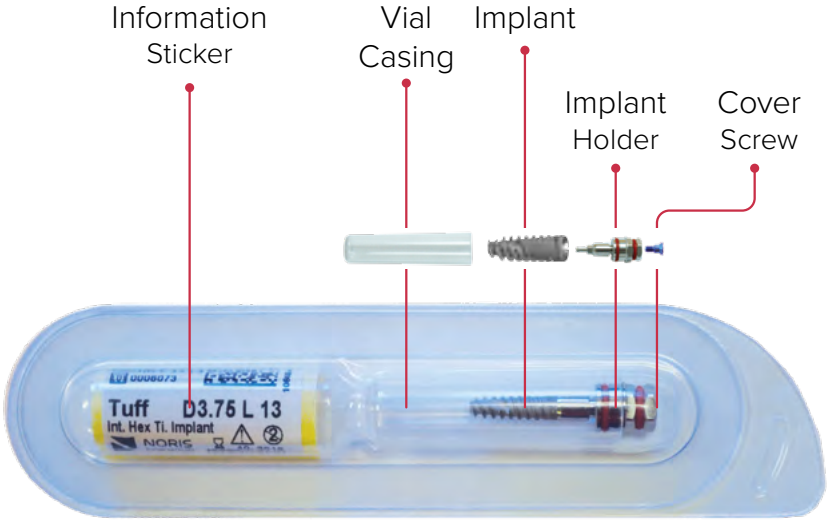
Motor Mount
2.15mm

Mono Bendable Driver

NM-X1802

Driver
2.15mm

Holder Packaging

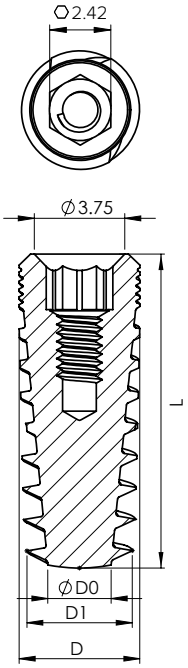


Tuff

With their three thread zones, Tuff implants have been uniquely designed according to the anatomy of the bone structure. The lower V-shape thread zone enables self-tapping. The middle zone square type thread is used for compressing cancellous bone and helping achieve maximum BIC. The micro thread on the upper zone adds stability and prevents crestal bone loss.

Material: Titanium (Ti6Al4V ELI)
Treatment: RBM

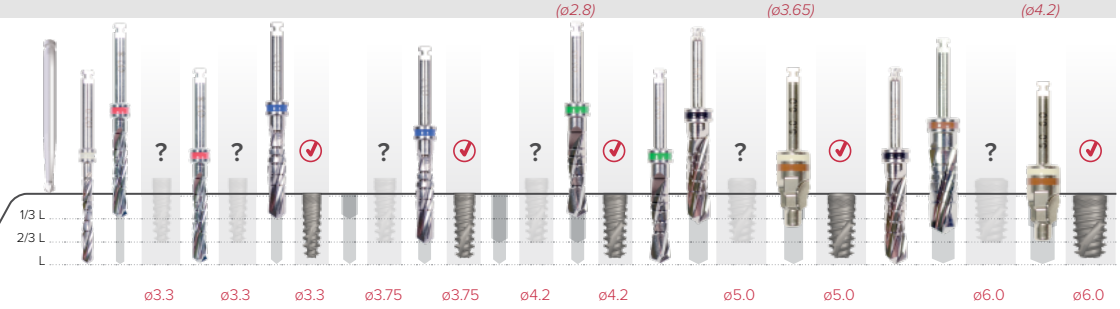
Available in two neck textures versions:
Machined surface or RBM treated surface.



Drilling Speed (RPM)

1200-1500	900-1200	500-700	500-700	400-700	400-700	400-600	400-600	400-600	400-600	400-600	300-500	400-600	300-500	200-500
Drill Diameter	ø2.0	ø2.8	ø2.8	ø3.2	(ø3.2)	ø3.2	(ø3.2)	ø3.65	ø3.65	ø4.2	ø5.0	ø4.2	ø5.2	ø6.0
(Existing Hole Diameters)		*(ø2.0)*		*(ø2.8)*	*(ø2.8)*	*(ø2.8)*	*(ø2.8)*	*(ø3.2)* *(ø2.8)*		*(ø3.65)*	*(ø4.2)* *(ø3.65)*		*(ø4.2)*	*(ø5.2)* *(ø4.2)*

Drill Sequence*
Bone type D1, D2

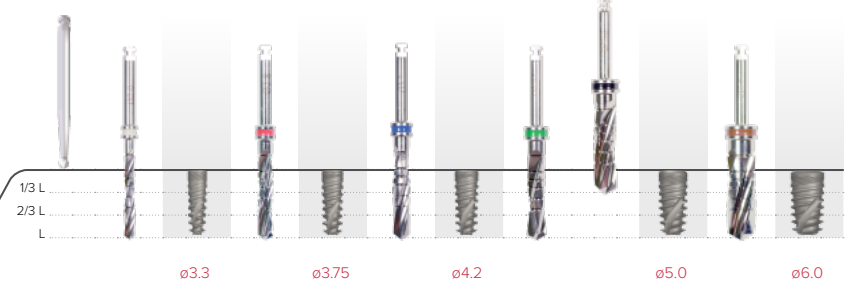


? *Torque Too high* ⟶ *Further Drilling Sequence* ✓ *Insert Implant*

Drilling Speed (RPM)

1200-1500	900-1200	500-700	400-700	400-600	400-600	300-500
Drill Diameter	ø2.0	ø2.8	ø3.2	ø3.65	ø4.2	ø5.2

Drill Sequence*
Bone type D3, D4



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The implants may be placed in immediate function when good primary stability (above 35 Ncm) has been achieved and with appropriate occlusal loading.

* **Implant Carrier removal** After the osteotomy preparation, the implant should be inserted with the aid of the implant carrier.
The implant should be initially stabilized by a few threads and then the carrier should be removed. Farther insertion of the implant will be done with appropriate tool.

* **Implant hexagon** During implant insertion, the hexagon of the implant, should be located with a straight part of the hexagon toward the angulation needed, in order to provide adequate rehabilitation.

Implants	Ø D (mm)	Ø D0 (mm)	Ø D1 (mm)	L (mm)	RBM Treated Neck	Machined Neck
	3.3	1.5	2.6	8	NM-F3308	NMSF3308
				10	NM-F3310	NMSF3310
				11.5	NM-F3311	NMSF3311
				13	NM-F3313	NMSF3313
				16	NM-F3316	NMSF3316
	3.75	1.8	3.1	6	NM-F3706	NMSF3706
				8	NM-F3708	NMSF3708
				10	NM-F3710	NMSF3710
				11.5	NM-F3711	NMSF3711
				13	NM-F3713	NMSF3713
				16	NM-F3716	NMSF3716
				18	NM-F3718	NMSF3718
	4.2	2.1	3.5	6	NM-F4206	NMSF4206
				8	NM-F4208	NMSF4208
				10	NM-F4210	NMSF4210
				11.5	NM-F4211	NMSF4211
				13	NM-F4213	NMSF4213
				16	NM-F4216	NMSF4216
				18	NM-F4218	NMSF4218
				20	NM-F4220	NMSF4220
				22	NM-F4222	NMSF4222
				25	NM-F4225	NMSF4225
	5.0	2.7	4.5	6	NM-F5006	NMSF5006
				8	NM-F5008	NMSF5008
				10	NM-F5010	NMSF5010
				11.5	NM-F5011	NMSF5011
				13	NM-F5013	NMSF5013
				16	NM-F5016	NMSF5016
	6.0	3.8	5.2	6	NM-F6006	NMSF6006
				8	NM-F6008	NMSF6008
				10	NM-F6010	NMSF6010
				11.5	NM-F6011	NMSF6011
				13	NM-F6013	NMSF6013
				16	NM-F6016	NMSF6016

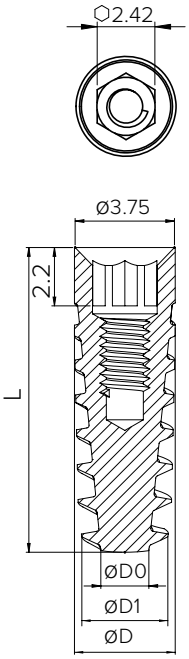
Cover Screw Included with all implants  NM-S5023

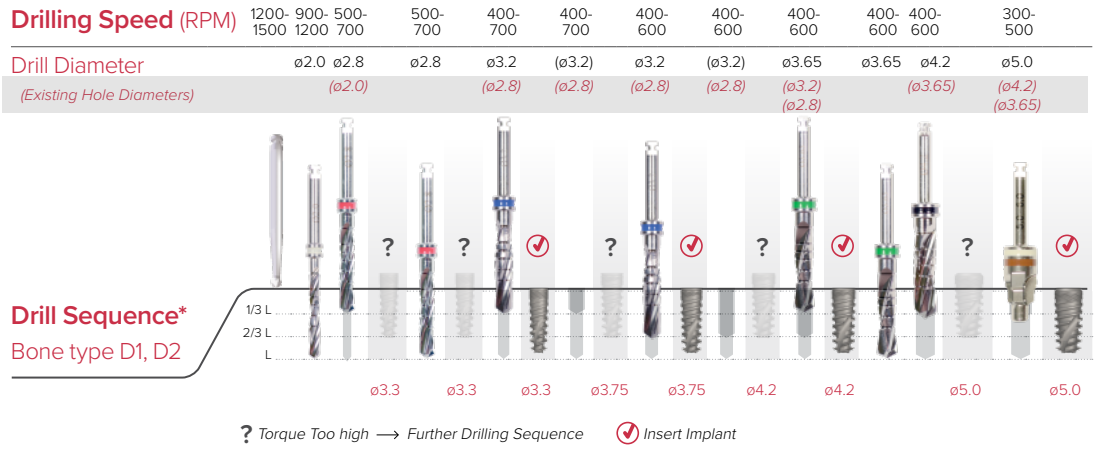
Tuff Pro

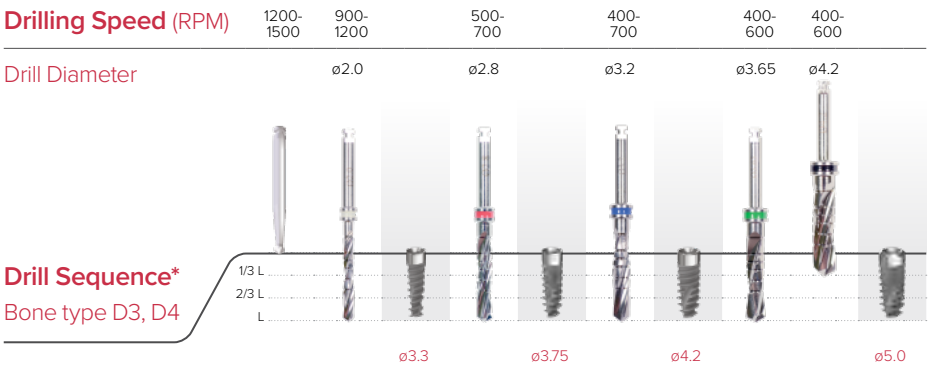
Tuff Pro implants have been uniquely designed to match the anatomy of the bone structure. The lower V-shape thread zone enables self-tapping. The middle zone square type thread is used for compressing cancellous bone and helping achieve maximum BIC.

The smooth “Neck” surface at the top helps in eliminating the adherence of Perio-Pathogens, thus reducing the chances of an inflammatory process to develop around the neck area. The RBM treated surface increases the BIC.

Material: Titanium (Ti6Al4V ELI)
Treatment: RBM







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* **Implant hexagon** During implant insertion, the hexagon of the implant, should be located with a straight part of the hexagon toward the angulation needed, in order to provide adequate rehabilitation.

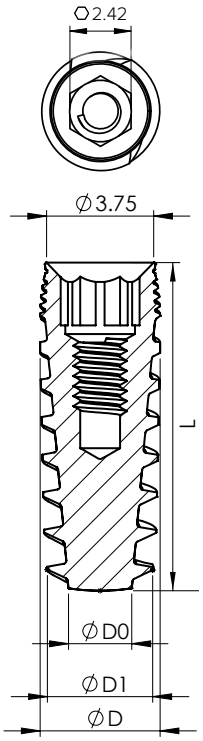
Implants	Ø D (mm)	Ø D0 (mm)	Ø D1 (mm)	L (mm)	Item
	3.3	1.5	2.6	8	NMAF3308
				10	NMAF3310
				11.5	NMAF3311
				13	NMAF3313
				16	NMAF3316
	3.75	1.8	3.1	8	NMAF3708
				10	NMAF3710
				11.5	NMAF3711
				13	NMAF3713
				16	NMAF3716
	4.2	2.1	3.5	6	NMAF4206
				8	NMAF4208
				10	NMAF4210
				11.5	NMAF4211
				13	NMAF4213
				16	NMAF4216
	5.0	2.7	4.5	6	NMAF5006
				8	NMAF5008
				10	NMAF5010
				11.5	NMAF5011
				13	NMAF5013
				16	NMAF5016

Cover Screw Included with all implants  NM-S5023

Tuff TT

Tuff TT Implants share the same three-thread zone concept as Tuff implants. The taper top converging coronal shape allows platform switch technology to prevent crestal bone loss.

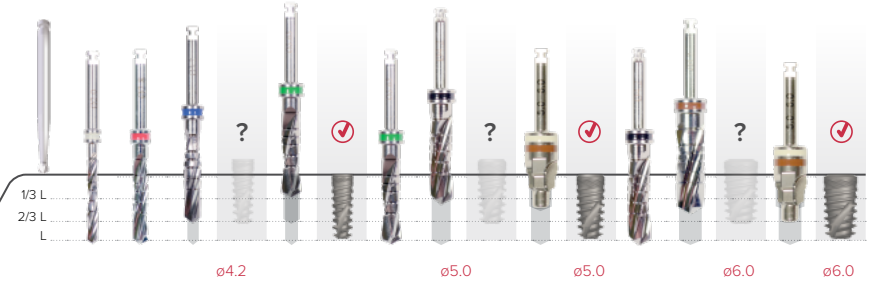
Material: Titanium (Ti6Al4V ELI)
Treatment: RBM



Drilling Speed (RPM)

	1200-1500	900-1200	400-700	400-700		400-600		400-600	400-600		300-500		400-600	300-500		200-500	
Drill Diameter		ø2.0	ø3.2	(ø3.2)		ø3.65		ø3.65	ø4.2		ø5.0		ø4.2	ø5.2		ø6.0	
(Existing Hole Diameters)			*(ø2.8)*	*(ø2.8)*		*(ø3.2)* *(ø2.8)*			*(ø3.65)*		*(ø4.2)* *(ø3.65)*			*(ø4.2)*		*(ø5.2)* *(ø4.2)*	

Drill Sequence*
Bone type D1, D2

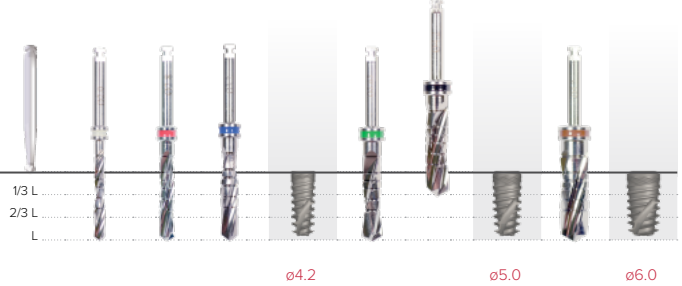


? *Torque Too high* ⟶ *Further Drilling Sequence* ✓ *Insert Implant*

Drilling Speed (RPM)

	1200-1500	900-1200	500-700	400-700	400-600	400-600	300-500
Drill Diameter		ø2.0	ø2.8	ø3.2	ø3.65	ø4.2	ø5.2

Drill Sequence*
Bone type D3, D4



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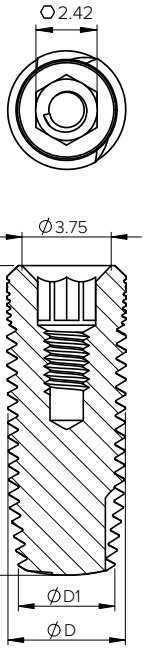
implants	Ø D (mm)	Ø D0 (mm)	Ø D1 (mm)	L (mm)	Item
	4.2	2.1	3.5	6	NM-F4306
				8	NM-F4308
				10	NM-F4310
				11.5	NM-F4311
				13	NM-F4313
				16	NM-F4316
				18	NM-F4318
				20	NM-F4320
	5.0	2.7	4.2	6	NM-F5106
				8	NM-F5108
				10	NM-F5110
				11.5	NM-F5111
				13	NM-F5113
				16	NM-F5116
	6.0	3.7	5.0	6	NM-F6106
				8	NM-F6108
				10	NM-F6110
				11.5	NM-F6111
				13	NM-F6113

Cover Screw Included with all implants  NM-S5023

Onyx

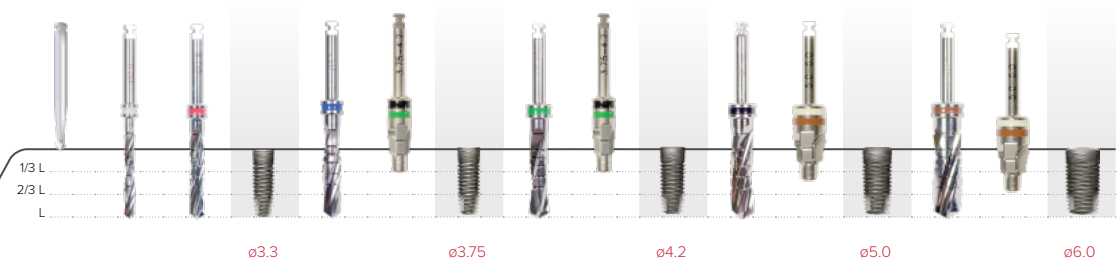
Onyx implants are specially designed for treatments involving placement in type I and type II bone.

Material: Titanium (Ti6Al4V ELI)
Treatment: RBM



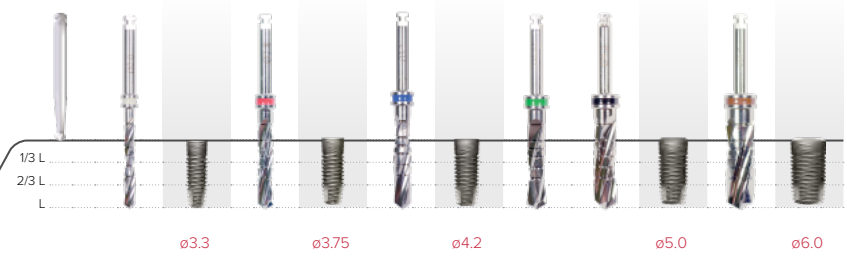
Drilling Speed (RPM)	1200-1500	900-1200	500-700	400-700	200-500	400-600	200-500	400-600	200-500	300-500	200-500
Drill Diameter		ø2.0	ø2.8	ø3.2	ø3.75	ø3.65	ø3.75	ø4.2	ø5-6	ø5.2	ø5-6

Drill Sequence*
Bone type D1, D2



Drilling Speed (RPM)	1200-1500	900-1200	500-700	400-700	400-600	400-600	300-500
Drill Diameter		ø2.0	ø2.8	ø3.2	ø3.65	ø4.2	ø5.2

Drill Sequence*
Bone type D3, D4



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* **Implant hexagon** During implant insertion, the hexagon of the implant, should be located with a straight part of the hexagon toward the angulation needed, in order to provide adequate rehabilitation.

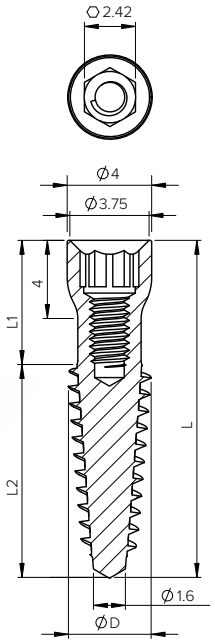
Implants	Ø D (mm)	Ø D1 (mm)	L (mm)	Item
	3.3	2.4	8	NM-G3308
			10	NM-G3310
			11.5	NM-G3311
			13	NM-G3313
			16	NM-G3316
	3.75	2.8	6	NM-G3706
			8	NM-G3708
			10	NM-G3710
			11.5	NM-G3711
			13	NM-G3713
			16	NM-G3716
	4.2	3.2	6	NM-G4206
			8	NM-G4208
			10	NM-G4210
			11.5	NM-G4211
			13	NM-G4213
			16	NM-G4216
	5.0	4.0	6	NM-G5006
			8	NM-G5008
			10	NM-G5010
			11.5	NM-G5011
			13	NM-G5013
			16	NM-G5016
	6.0	5.0	6	NM-G6006
			8	NM-G6008
			10	NM-G6010
			11.5	NM-G6011
			13	NM-G6013

Cover Screw Included with all implants  NM-S5023

Cortical

Cortical implants provide good stability for immediate loading. Its sharp, deep threads provide extremely strong retention for primary implant stability.
The threads' location gives stability in the cortical bone. The Cortical system can be used in extraction sites for immediate implantation. Cortical is available in different sizes to suit any implantation site.

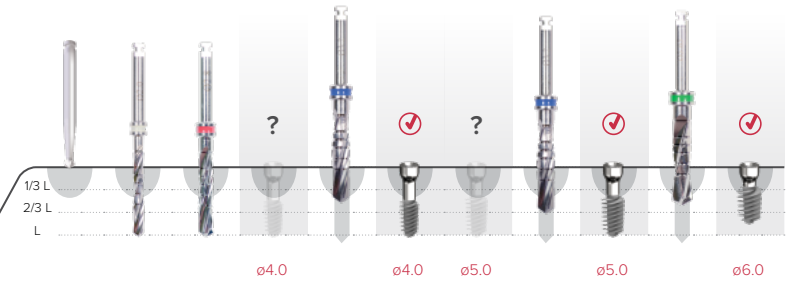
Material: Titanium (Ti6Al4V ELI)
Treatment: RBM



Drilling Speed (RPM) 1200-1500 | 900-1200 | 500-700 | 200-500 | 400-700 | 200-500

Drill Diameter ø2.0 | ø2.8 | ø3.2 | ø3.2 | ø3.65

Drill Sequence*
Bone type D1, D2

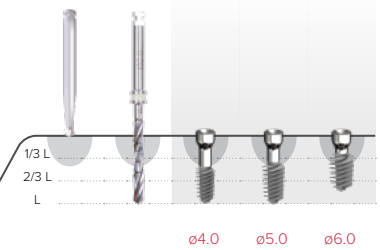


? *Torque Too high ⟶ Further Drilling Sequence* ✓ *Insert Implant*

Drilling Speed (RPM) 1200-1500 | 900-1200

Drill Diameter ø2.0

Drill Sequence*
Bone type D3, D4



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The implants may be placed in immediate function when good primary stability (above 35 Ncm) has been achieved and with appropriate occlusal loading.

* **Implant Carrier removal** After the osteotomy preparation, the implant should be inserted with the aid of the implant carrier.
The implant should be initially stabilized by a few threads and then the carrier should be removed. Farther insertion of the implant will be done with appropriate tool.

* **Implant hexagon** During implant insertion, the hexagon of the implant, should be located with a straight part of the hexagon toward the angulation needed, in order to provide adequate rehabilitation.

Implants	Ø D (mm)	L (mm)	L1 (mm)	L2 (mm)	Item
	4.0	10	4.5	5.5	NM-M4010
		11.5	4.7	6.8	NM-M4011
		13	5	8	NM-M4013
		16	6	10	NM-M4016
		18	7	11	NM-M4018
		20	7.5	12.5	NM-M4020
	5.0	8	4.1	3.9	NM-M5008
		10	4.5	5.5	NM-M5010
		11.5	4.7	6.8	NM-M5011
		13	5	8	NM-M5013
		16	6	10	NM-M5016
	6.0	8	4.1	3.9	NM-M6008
		10	4.5	5.5	NM-M6010
		11.5	4.7	6.8	NM-M6011
		13	5	8	NM-M6013
		16	6	10	NM-M6016

Cover Screw Included with all implants  NM-S5023

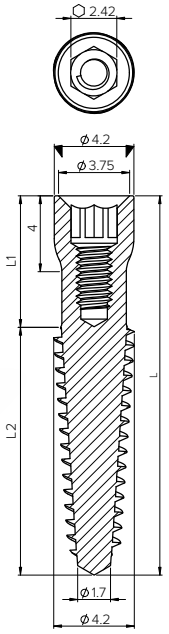
PteryCore

PteryCore implants are installed in the posterior region of the atrophic Maxilla and located in the Pterygomaxillary region. Their Sharp, deep threads provide extremely strong retention for primary implant stability. As such they provide good stability for Immediate Loading procedures.

PteryCore Implants are designed to have a smooth surface at their “Neck”, followed by RBM treated surface underneath.

The smooth “Neck” surface at the top helps in eliminating the adherence of Perio-Pathogens, thus reducing the chances of an inflammatory process to develop around the neck area. The RBM treated surface increases the BIC.

Material: Titanium (Ti6Al4V ELI)
Treatment: RBM



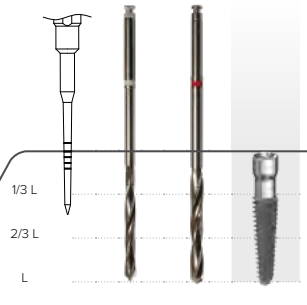
Implants	Ø D (mm)	L (mm)	L1 (mm)	L2 (mm)	Item
	4.2	18	7	11	NM-M4218
		20	7	13	NM-M4220
		22.5	7	15.5	NM-M4222
		25	7	18	NM-M4225

Cover Screw Included with all implants  NM-S5023

Drilling Speed (RPM)

	900-1200	500-700
Drill Diameter	ø2.3	ø2.8

Drill Sequence*
All Bone types



Osteotome NM-X3001
See page 21

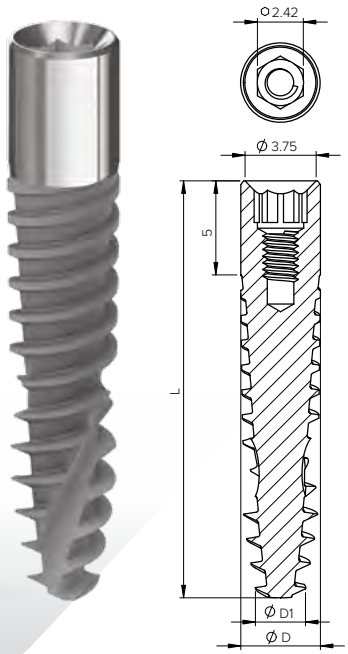
PteryFit

PteryFit implants are installed in the posterior region of the atrophic Maxilla and are located in the Pterygomaxillary region.

PteryFit implants have been uniquely designed to match the anatomy of the bone structure. The lower V-shaped thread zone enables self-tapping. The middle zone square type thread is used for compressing cancellous bone and help achieving maximum BIC.

The smooth “Neck” surface at the top helps in eliminating the adherence of Perio-Pathogens, thus reducing the chances of an inflammatory process to develop around the neck area.
The RBM treated surface increases the BIC.

Material: Titanium (Ti6Al4V ELI)
Treatment: RBM



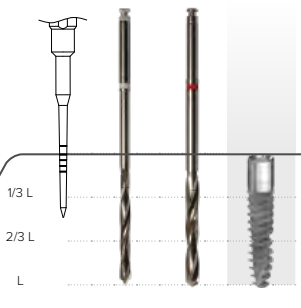
Implants	Ø D (mm)	Ø D1 (mm)	L (mm)	Item
	4.2	2.5	18	NMAF4218
			20	NMAF4220
			22	NMAF4222
			25	NMAF4225

Cover **Screw** Included with all implants  NM-S5023

Drilling Speed (RPM)

Drill Diameter	900-1200	500-700
	ø2.3	ø2.8

Drill Sequence*
All Bone types



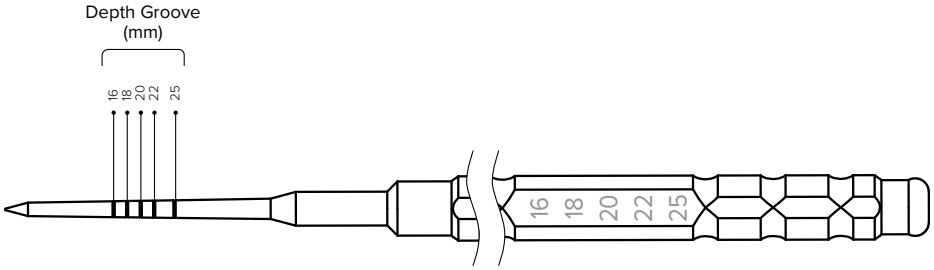
Osteotome NM-X3001
See page 21

Pterygoid Implants for Posterior Maxilla Rehabilitation

Pterygoid Implants Tools

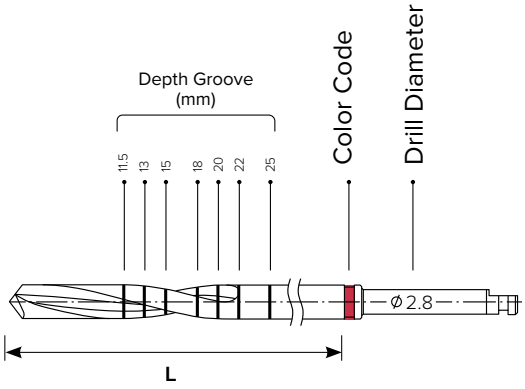
Osteotomes

Ø D (mm)	Item	
2.0	NM-X3001	
3.0	NM-X3002	



Long Drills

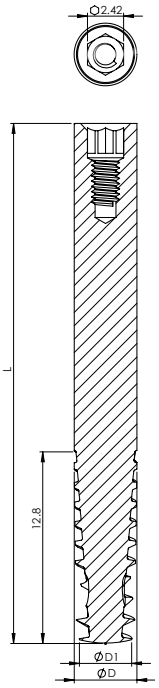
Ø D (mm)	Item	L (mm)	
2.3	NM-D7423	43	
2.8	NM-D7428	43	
3.2	NM-D7432	43	
3.65	NM-D7436	43	



Zygomatic

The Zygomatic Implant is designed to provide a solution for cases of atrophic maxilla. The shape of the Zygomatic Implant consists of sharp threads at the apical part for maximum retention to the Zygomatic bone. The implant has 2.42mm internal hex. connection, which enable simple and easy restoration. The Zygomatic Implant is available in a variety of lengths, from 30mm to 60mm.

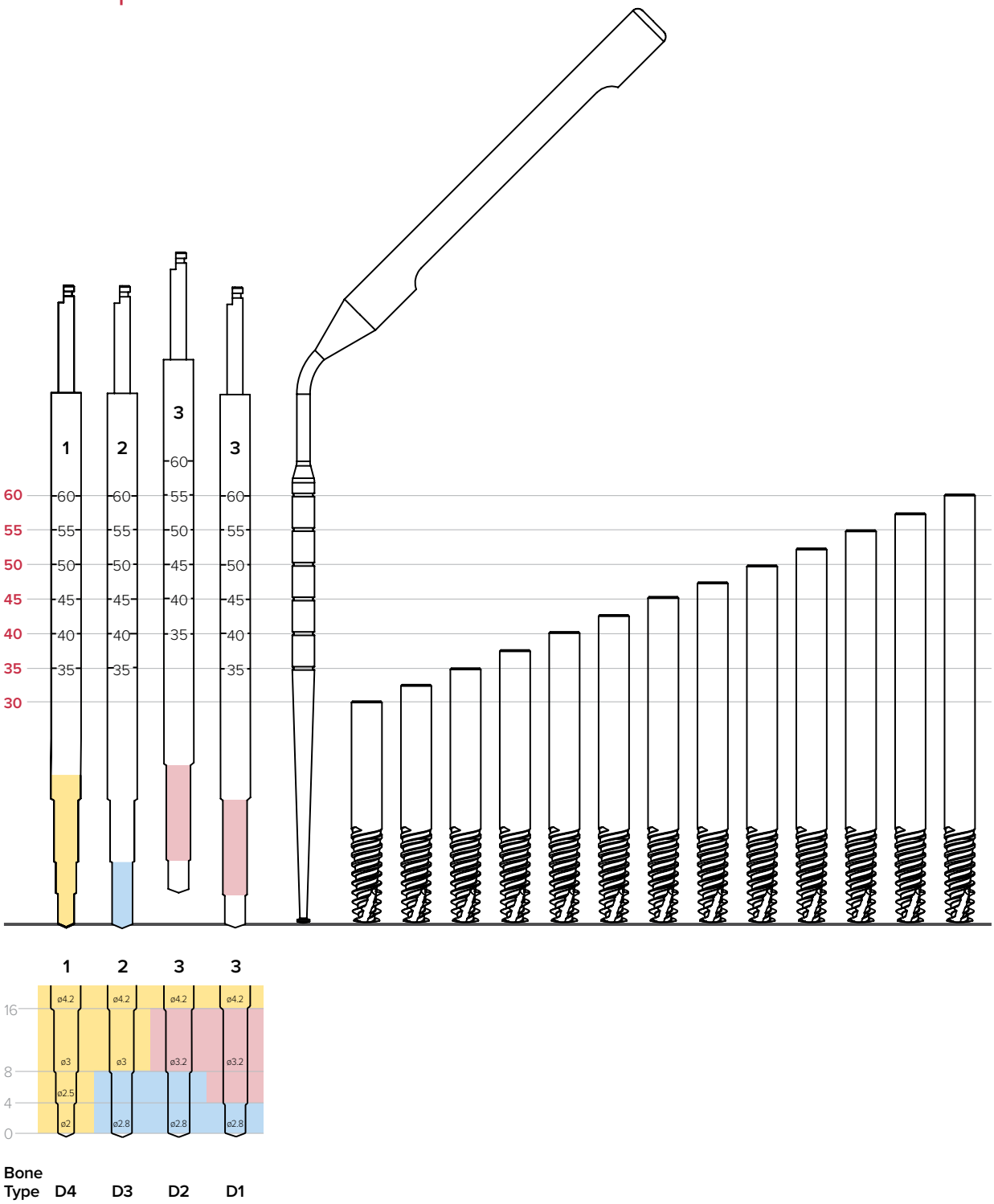
Material: Titanium (Ti6Al4V ELI)
Treatment: RBM



Implants	Ø D (mm)	Ø D1 (mm)	L (mm)	Item
	4.2	3.5	30	NM-F4430
			32.5	NM-F4432
			35	NM-F4435
			37.5	NM-F4437
			40	NM-F4440
			42.5	NM-F4442
			45	NM-F4445
			47.5	NM-F4447
			50	NM-F4450
			52.5	NM-F4452
			55	NM-F4455
			57.5	NM-F4457
			60	NM-F4460

Cover Screw Included with all implants  NM-S5023

Drill Sequence



Bone Type	D4	D3	D2	D1

Zygomatic Surgical Set NM-X2118

Step Drill for Zygoma {1} ø2.0/ø2.5/ø3.0, L60mm	NM-D7020
Step Drill for Zygoma {2} ø2.8/ø3.0, L60mm	NM-D7028
Step Drill for Zygoma {3} ø2.8/ø3.2, L60mm	NM-D7032
Step Drill for Zygoma {1} ø2.0/ø2.5/ø3.0, L80mm	NM-D7120
Step Drill for Zygoma {2} ø2.8/ø3.0, L80mm	NM-D7128
Step Drill for Zygoma {3} ø2.8/ø3.2, L80mm	NM-D7132
Diamond Burr, ø4.2mm, L30mm, Fine	NM-D7201
Diamond Burr, ø4.2mm, L30mm, Medium	NM-D7202
Diamond Burr, ø4.2mm, L30mm, Coarse	NM-D7203
Depth Probe 35mm to 57.5mm	NM-X1028
Driver Hex 2.4mm, L20mm	NMHX2620
Driver Hex 1.25mm, L10mm	NM-X1210
Hand driver Star-Hex1.25, L14mm	NM-X7007

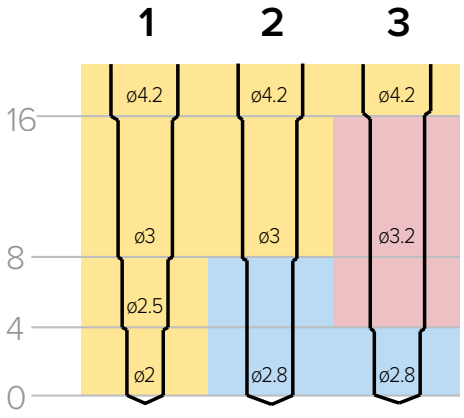
Surgical Set for ZYGOMA Premium NM-X2119

Step Drill for Zygoma {1} ø2.0/ø2.5/ø3.0, L40mm	NM-D7520
Step Drill for Zygoma {2} ø2.8/ø3.0, L40mm	NM-D7528
Step Drill for Zygoma {3} ø2.8/ø3.2, L40mm	NM-D7532
Step Drill for Zygoma {1} ø2.0/ø2.5/ø3.0, L50mm	NM-D7620
Step Drill for Zygoma {2} ø2.8/ø3.0, L50	NM-D7628
Step Drill for Zygoma {3} ø2.8/ø3.2 L50mm	NM-D7632
Step Drill for Zygoma {1} ø2.0/ø2.5/ø3.0, L60mm	NM-D7020
Step Drill for Zygoma {2} ø2.8/ø3.0, L60mm	NM-D7028
Step Drill for Zygoma {3} ø2.8/ø3.2, L60mm	NM-D7032
Step Drill for Zygoma {1} ø2.0/ø2.5/ø3.0, L80mm	NM-D7120
Step Drill for Zygoma {2} ø2.8/ø3.0, L80mm	NM-D7128
Step Drill for Zygoma {3} ø2.8/ø3.2, L80mm	NM-D7132
Marking-Drill	NM-D3410

Diamond Ball Burr ø4.2mm, L30mm	NM-D7501
Diamond Burr ø4.2mm, L30.0mm, Fine, Red	NM-D7201
Diamond Burr ø4.2mm, L30mm, Coarse, Blue	NM-D7203
Motor Mount Hex 2.42, L20mm	NMHX1014
Motor Mount Hex 2.42, L28mm	NMHX1015
Depth Probe 35mm to 57.5mm	NM-X1028
Driver Hex 1.25mm, L15mm	NM-X1215
Hand driver Star-Hex 1.25, L14mm	NM-X7007
Motor Mount, Star-Hex 1.25mm, L25mm	NM-X7009
Driver Star Hex 1.25mm, L15mm	NM-X7315
Driver Hex 2.4mm, L10mm, Self Holding	NMHX2610
Driver Hex 2.4mm, L20mm, Self Holding	NMHX2620
Ratchet	NM-X1020
Surgical screw driver long	NM-X1023

Zygomatic Step Drills

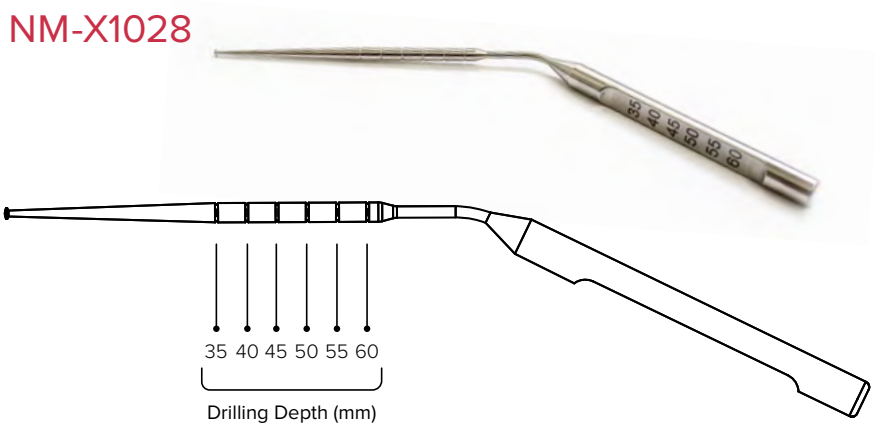
Ø D (mm)	L (mm)	Drill No.		Item
2.0/2.5/3.0/4.2	40	1		NM-D7520
	50			NM-D7620
	60			NM-D7020
	80			NM-D7120
2.8/3.0/4.2	40	2		NM-D7528
	50			NM-D7628
	60			NM-D7028
	80			NM-D7128
2.8/3.2/4.2	40	3		NM-D7532
	50			NM-D7632
	60			NM-D7032
	80			NM-D7132



Zygomatic Burs for Groove Preparation

Ø D (mm)	L (mm)			Item
4.2	30	**Fine Grit**		NM-D7201
		Medium Grit		NM-D7202
		Coarse Grit		NM-D7203
		Coarse Grit		NM-D7501

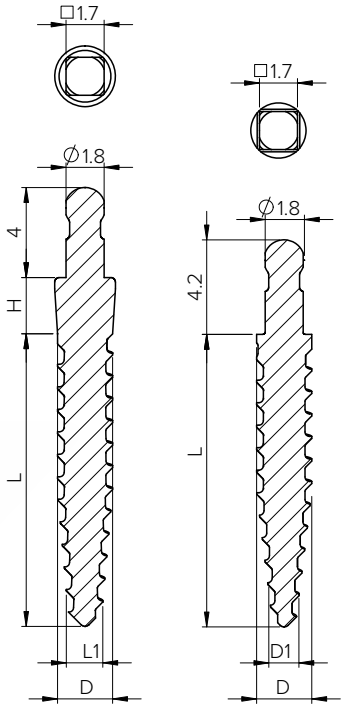
Depth Probe NM-X1028



MBI / MBI NC

MBI & MBI NC are One-Piece, self-tapping Implants, with integrated ball attachment, for single-stage implantation to stabilize a tissue-supported denture. Designed for placement in a very narrow ridge. MBI & MBI NC features a unique thread for immediate insertion. The implants can be placed in all types of bone and can be subjected to immediate load.

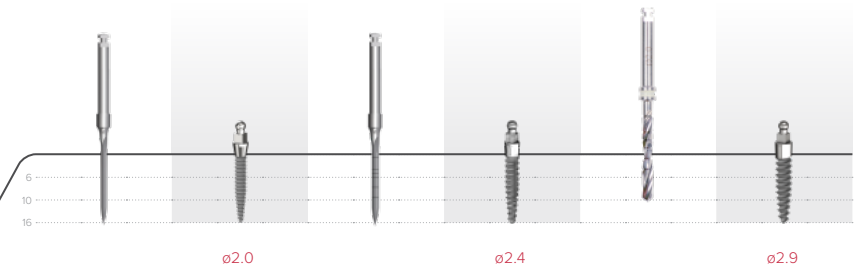
Material: Titanium (Ti6Al4V ELI)
Treatment: RBM



Drilling Speed (RPM)

	1200-1500	1200-1500	900-1200
Drill Diameter	ø1.2	ø1.5	ø2.0

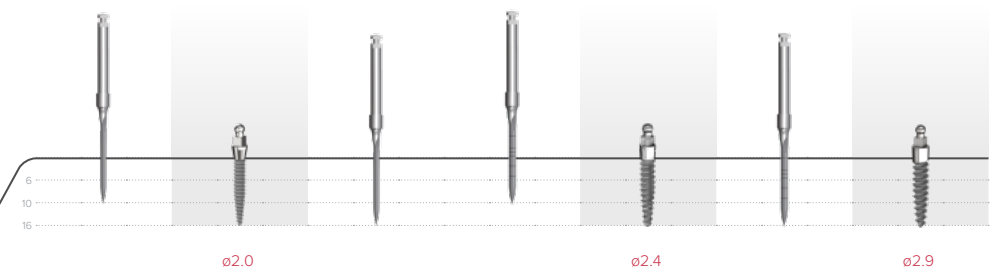
Drill Sequence*
Bone type D1, D2



Drilling Speed (RPM)

	1200-1500	1200-1500	1200-1500	1200-1500
Drill Diameter	ø1.2	ø1.2	ø1.5	ø1.5

Drill Sequence*
Bone type D3, D4



* The proposed procedure is only a recommendation and should not replace the doctor's judgment.
MBI Torque Recommendations: Do not exceed 45 Ncm during implant placement.
The implants may be placed in immediate function when good primary stability (above 35 Ncm) has been achieved and with appropriate occlusal loading.

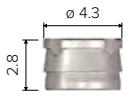
MBI

Implants	Ø D (mm)	Ø D1 (mm)	neck (H) (mm)	L (mm)	Item
	2.0	1.0	2.5	10	NM-V2010
				13	NM-V2013
				16	NM-V2016
				18	NM-V2018
	2.4	1.5	2.5	10	NM-V2410
				13	NM-V2413
				16	NM-V2416
				18	NM-V2418
	2.9	1.9	2.5	10	NM-V2910
				13	NM-V2913
				16	NM-V2916
				18	NM-V2918

MBI NC (Non Collar)

Implants	Ø D (mm)	Ø D1 (mm)	neck (H) (mm)	L (mm)	Item
	2.0	1.0	0	10	NMTV2010
				13	NMTV2013
				16	NMTV2016
				18	NMTV2018
	2.4	1.5	0	10	NMTV2410
				13	NMTV2413
				16	NMTV2416
				18	NMTV2418
	2.9	1.9	0	10	NMTV2910
				13	NMTV2913
				16	NMTV2916
				18	NMTV2918

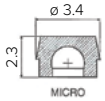
MBI & MBI NC Components



NM-T3201

Metal Cap

NM-T3202



Extra Soft Nylon Cap

NM-T3203

Soft Nylon Cap

NM-D2312

Drill
ø 1.2mm

NM-D2315

Drill
ø 1.5mm

NM-X1520

Motor Mount
⬚ 1.7mm

NM-X2415

Driver
⬚ 1.7mm

NM-T6124

Analog

NM-T4410

Transfer

Mono

MONO implants are specifically used in basal bone on upper and lower jaws and are designed for immediate prosthetic loading for crowns bridges and bar connectors.

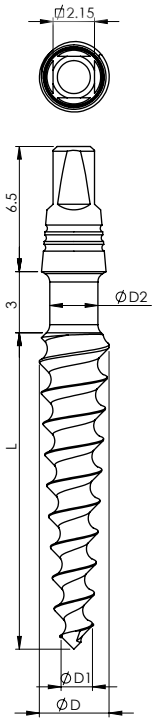
The implants are one-piece implants having an RBM treated bone condensing thread, machined straight rigid collar and abutment.

The implants are cleared for immediate, non-occlusal provisionalization in single-tooth restorations.

Multiple-unit restoration should be splinted together.

In appropriate clinical conditions MONO implants may be loaded immediately.

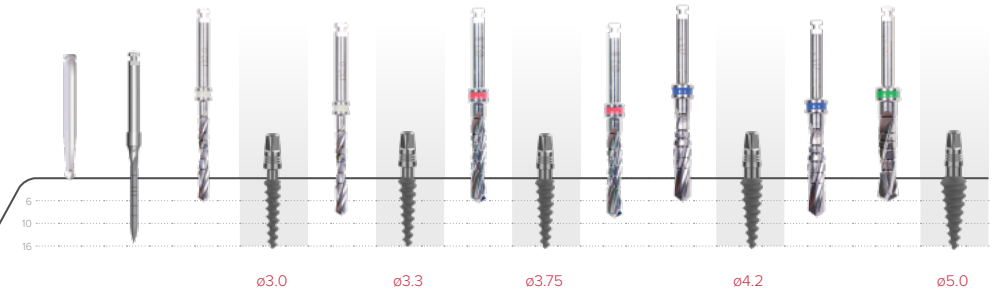
Material: Titanium (Ti6Al4V ELI)
Treatment: RBM



Drilling Speed (RPM)

1200-1500	1200-1500	200-500	900-1200	200-500	500-700	200-500	400-700	200-500
Drill Diameter								
md	ø1.5	ø2.0	ø2.0	ø2.8	ø2.8	ø3.2	ø3.2	ø3.65

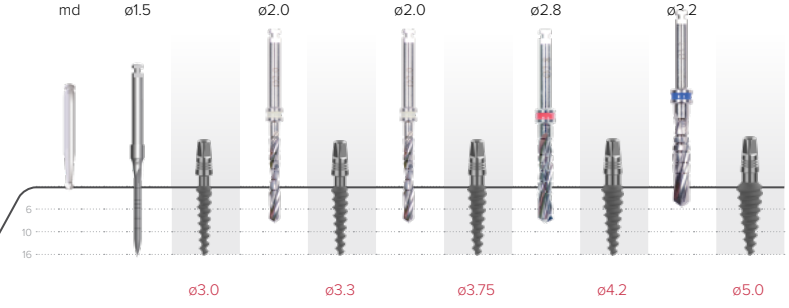
Drill Sequence*
Bone type D1, D2



Drilling Speed (RPM)

1200-1500	1200-1500	200-500	900-1200	500-700	500-700
Drill Diameter					
md	ø1.5	ø2.0	ø2.0	ø2.8	ø3.2

Drill Sequence*
Bone type D3, D4



* The proposed procedure is only a recommendation and should not replace the doctor's judgment.
The implants may be placed in immediate function when good primary stability (above 35 Ncm) has been achieved and with appropriate occlusal loading.

Mono

Implants	Ø D (mm)	ø D1 (mm)	ø D2 (mm)	L (mm)	Item
	3.0	1.7	2.0	8	NM-V3008
				10	NM-V3010
				11.5	NM-V3011
				13	NM-V3013
				16	NM-V3016
	3.3	2.0	2.0	6	NM-V3306
				8	NM-V3308
				10	NM-V3310
				11.5	NM-V3311
				13	NM-V3313
				16	NM-V3316
	3.75	2.4	2.5	6	NM-V3706
				8	NM-V3708
				10	NM-V3710
				11.5	NM-V3711
				13	NM-V3713
				16	NM-V3716
	4.2	2.9	2.8	6	NM-V4206
				8	NM-V4208
				10	NM-V4210
				11.5	NM-V4211
				13	NM-V4213
				16	NM-V4216
				18	NM-V4218
	5.0	3.7	2.8	8	NM-V5008
				10	NM-V5010
				11.5	NM-V5011
				13	NM-V5013
				16	NM-V5016

Mono Components

NM-D2315

Drill
ø 1.5mm

NM-X1620

Motor Mount
2.15mm

NM-X1018

Driver
2.15mm

NM-X1019

Driver
2.15mm

NM-X1720

Driver
2.15mm

NM-T6202

Analog

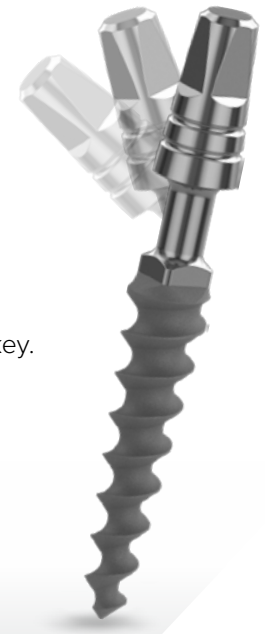
NM-T4420

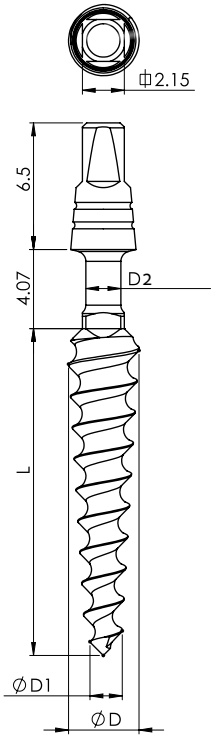
Transfer

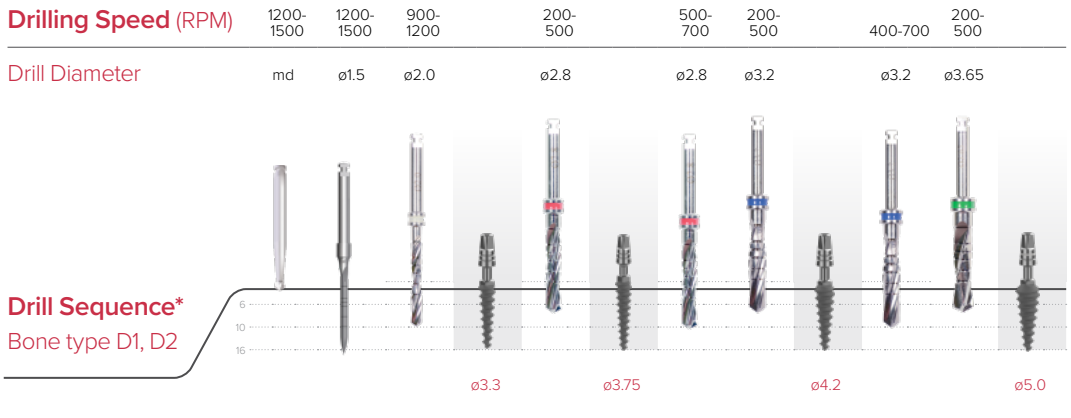
Mono Bendable

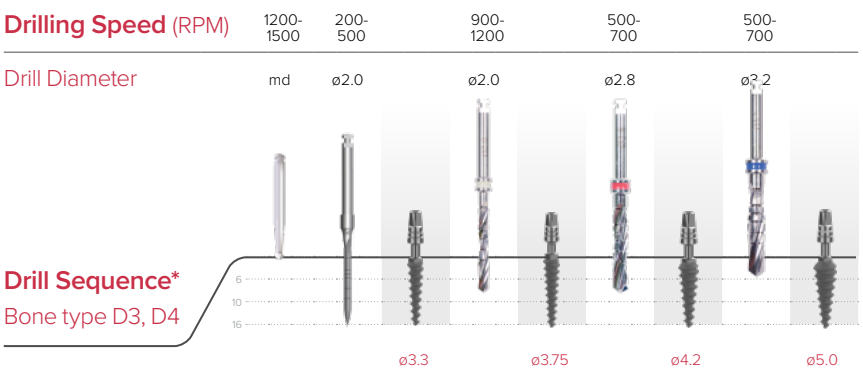
MONO Bendable implants are specifically used in basal bone on upper and lower jaws and are designed for immediate prosthetic loading for bridges and bar connectors.
The implants are one-piece implants having an RBM treated bone condensing thread, machined straight narrow collar and abutment.
A square key section (patent pending) between the implants thread and collar enables direct insertion torque to the implant thread (using a special driver) thus bypassing the insertion torque having been transferred through the collar when applied to the abutment key.
The collar dimensions are designed to bend up to 45 deg when a bending torque is applied to the abutment.
In appropriate clinical conditions MONO Bendable implants may be loaded immediately.

Material: Titanium (Ti6Al4V ELI)
Treatment: RBM









* The proposed procedure is only a recommendation and should not replace the doctor's judgment.
The implants may be placed in immediate function when good primary stability (above 35 Ncm) has been achieved and with appropriate occlusal loading.

Mono Bendable

Implants	Ø D (mm)	ø D1 (mm)	ø D2 (mm)	L (mm)	Item
	3.3	1.8	1.8	10	NMBV3310
				11.5	NMBV3311
				13	NMBV3313
				16	NMBV3316
	3.75	1.9	1.8	6	NMBV3706
				8	NMBV3708
				10	NMBV3710
				11.5	NMBV3711
				13	NMBV3713
				16	NMBV3716
	4.2	1.9	1.8	6	NMBV4206
				8	NMBV4208
				10	NMBV4210
				11.5	NMBV4211
				13	NMBV4213
				16	NMBV4216
	5.0	1.9	1.8	8	NMBV5008
				10	NMBV5010
				11.5	NMBV5011
				13	NMBV5013
				16	NMBV5016

Mono Bendable Components

NM-D2315

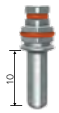
Drill
ø 1.5mm

NM-X1620

Motor Mount
2.15mm

NM-X1018

Driver
2.15mm



NM-X1019

Driver
2.15mm

NM-X1720

Driver
2.15mm

NM-X1802

Driver
2.15mm

NM-T6202

Analog

NM-T4420

Transfer

Prosthetics

Prosthetic Workflow

Pages 38

Healing Cap

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Impression Components

Snap-On Transfer

Clip-On Tray Transfer

or

Open Tray Transfer

Closed Tray Transfer

or

Analog

Prosthetic Components Drivers

Temporary Abutment

or

Straight Abutment

or

Angulated Abutment

or

Zirconia Abutment

or

Castable Abutment

Scan Bodies

Titanium Base

Straight Multi-Unit

or

Angulated Multi-Unit

or

Anguled Vari-Connect + Platform Extender

or

Esthetic Screw Abutment

Ball Vari-Connect

or

Flat Vari-Connect

or

Ball Attachment

or

Flat Attachment

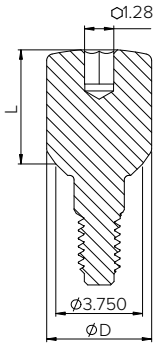
Multi-Unit & Vari-Connect Drivers

Healing Caps

Healing caps prepare the site for the superstructure insertion and “shapes” the soft tissue surrounding the implant. Selecting the correct healing cap depends on the thickness of the mucosa. Wide healing caps are used for soft-tissue contouring of molars and premolars.

Recommendation: Hand-tighten using a 1.25 mm hex. driver or a motor mount with a force of 10 Ncm.

Material: Titanium (Ti6Al4V ELI)

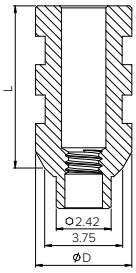


L (mm)	Ø 3.8 (mm)	Ø 4.6 (mm)	Ø 5.5 (mm)	Ø 6.3 (mm)
2	 NM-H3802	 NM-H4602	 NM-H5502	-
3	 NM-H3803	 NM-H4603	 NM-H5503	 NM-H6303
4	 NM-H3804	 NM-H4604	 NM-H5504	 NM-H6304
5	 NM-H3805	 NM-H4605	 NM-H5505	 NM-H6305
6	 NM-H3806	 NM-H4606	 NM-H5506	 NM-H6306
7	 NM-H3807	 NM-H4607	 NM-H5507	 NM-H6307

Open & Closed Tray Transfers

Transfers are designed for impressions using the open-tray technique when the retentions are sharp, and for the closed-tray technique when the retentions are round. The body of the transfer is made of stainless steel; the screws are made of titanium alloy.

Material: Stainless Steel



Open Tray Transfer

Transfer	Ø D (mm)	L (mm)
 NM-T4008	4.75	8
 NM-S1610	**Screw 16**mm Included with all transfers above & available separately	
 NM-T4203	3.85	12
 NM-T4201	4.3	12
 NM-T4012	4.75	12
 NM-S2418	**Screw 24**mm Included with all transfers above & available separately	

Closed Tray Transfer

Transfer	Ø D (mm)	L (mm)
 NM-T3601	4.75	8
 NM-S1307	**Screw 13**mm Included with all transfers above & available separately	
 NM-T3507	3.85	12
 NM-T3511	4.5	12
 NM-S1610	**Screw 16**mm Included with all transfers above & available separately	

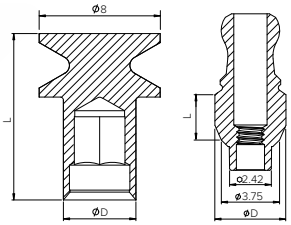
Non-Hexed Transfer

Transfer	Ø D (mm)	L (mm)
 NM-T4204	3.85	12
 NM-S2418	**Screw 24**mm Included with all transfers above & available separately	

Snap-On Transfer

The Snap-On Transfer is made of titanium alloy TI-6AL-4V and designed for impressions using the closed-tray technique, in conjunction with the cap T4402. The cap remains in the impression tray after it is removed from the mouth. It is also possible to use this type of transfer as esthetic abutments.

Material: Titanium (Ti6Al4V ELI)



Transfer	Ø D (mm)	L1 (mm)
 NM-T3802	4.8	2
 NM-T3803	4.8	3
 NM-T3804	4.8	4
 NM-T3805	4.8	5
 NM-T3806	4.8	6
 NM-S8324	Included with all abutments above & available separately	

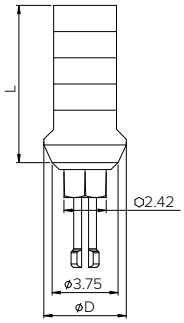
Plastic Cap for Snap-On Transfer

Cap	Ø D (mm)	L (mm)
 NM-T4402	4.8	11

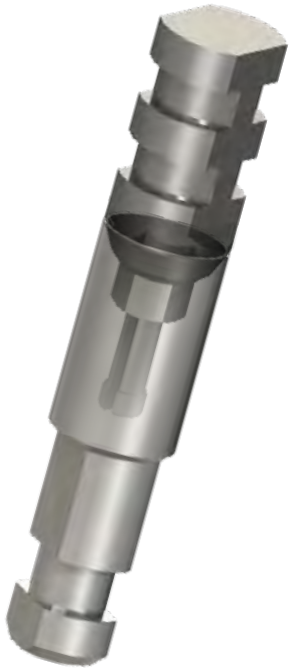
Clip-On Transfer

A clip-on connection transfer for impressions without a screw has a hexagonal lock to ensure a tight fit. It is especially effective with molars and premolars, where there is a lack of space, and where working with a driver is difficult. It is sufficient to use this transfer for all types of impressions as the lack of screws saves significant amount of time.

Material: Stainless Steel

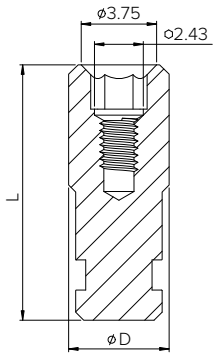


Transfer	Ø D (mm)	L (mm)
 NM-T3409	4.7	9
 NM-T3413	4.7	13



Analog

Analog	Ø D (mm)	L (mm)
 NM-T6004	4	12.7
 NM-T6005	5	12.7



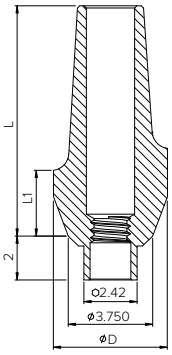
The analog is made of stainless steel and is used in the preparation of laboratory models.

Material: Stainless Steel

Temporary Abutments

PEEK (polyetheretherketone) is a high-grade thermoplastic polymer which is certified for medical use. PEEK is characterized by a superior combination of strength, elasticity and resilience. PEEK is one of the most chemically resistant materials, Biocompatible and esthetic with low electrical conductivity. PEEK polymer is well suited for use in the oral cavity.

Material: PEEK



Technical Data:

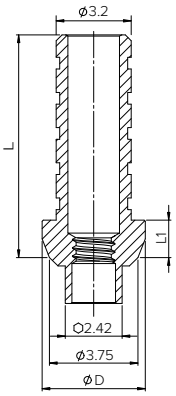
- Can be sterilized without changing the mechanical properties or biocompatibility violations.
- Does not create artifacts in X-ray irradiation procedures, magnetic resonance imaging (MRI), and computed tomography (CT).
- Has high compressive strength.
- Possesses excellent mechanical properties such as stiffness and strength.
- Has proven biocompatibility for both hard and soft tissue.
- Does not contain metal additives to prevent ion exchange in the mouth.
- Is a natural color, a superior esthetic advantage.

Straight	L (mm)	Angulated 15°	Angulated 25°	L (mm)	L1 (mm)
	9			9.5	1
NM-C6001		NM-C5001	NM-C5201		
	10			10.5	2
NM-C6002		NM-C5002	NM-C5202		
	11			11.5	3
NM-C6003		NM-C5003	NM-C5203		

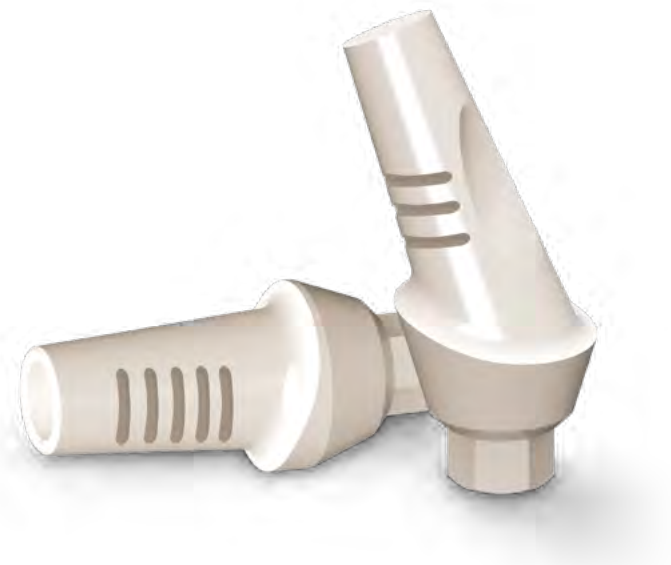
Temporary Abutments

The titanium Temporary Abutments are designed with deep retention grooves, for the acrylic prosthesis to hold to.
The abutments are available hexed and non-hexed.

Material: Titanium (Ti6Al4V ELI)



Hexed	Non-Hexed	Short Non-Hexed	L (mm)	L1 (mm)	Ø D (mm)
			9.5	1.7	4.4
NM-A5001	NM-A5002	-			
			9.5	1.7	3.8
NM-A5101	-	NM-A5102			
	Included with all abutments above & available separately				
NM-S8324					

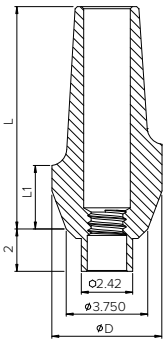


Straight Abutments

A wide variety of titanium straight abutments are available for use in different situations. These abutments remain stable, even when their wall thickness is reduced to 0.1 mm. They are used in the fabrication of cement-retained restorations, single crowns or bridges.

Recommendation: Tighten the screw at a torque between 25 to 30 Ncm.

Material: Titanium (Ti6Al4V ELI)



Anatomic	Ø D (mm)	L (mm)	L1 (mm)
 NM-A4601	5.2	9	1
 NM-A4602	5.2	10	2
 NM-A4603	5.2	11	3
 NM-A4604	5.2	12	4
 NM-S8324	Included with all abutments & available separately		

Shoulder	Ø D (mm)	L (mm)	L1 (mm)
 NM-A4801	4.5	8.5	1
 NM-A4802	4.5	9.5	2
 NM-A4803	4.5	10.5	3
 NM-A4804	4.5	11.5	4
 NM-C1005	Available separately		

Standard	Ø D (mm)	L (mm)
 NM-A5908	4.5	8.5
 NM-A5909	4.5	9.5
 NM-A5911	4.5	11.5
 NM-A5912	4.5	12.5

Shoulder, Narrow	Ø D (mm)	L (mm)	L1 (mm)
 NM-A5300	3.75	8.5	0.5
 NM-A5301	3.75	8.5	1.5
 NM-A5302	3.75	8.5	2.5

Wide	Ø D (mm)	L (mm)
 NM-A5709	5.5	9
 NM-A5711	5.5	11

Standard	Ø D (mm)	L (mm)
 NM-A5601	4.5	8.5
 NM-A5602	4.5	10.5

Narrow	Ø D (mm)	L (mm)
 NM-A6006	3.8	6
 NM-A6008	3.8	8

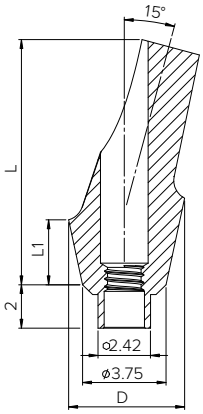
Mega	Ø D (mm)	L (mm)
 NM-A5515	9	15

Angulated Abutments

Angulated abutments are used when a change to the axis of the implant is required. Normally used for constructing cement-retained single crowns or bridges. The abutments are available with angles of 15° and 25° degrees.

Recommendation: Tighten the screw at a torque between 25 to 30 Ncm.

Material: Titanium (Ti6Al4V ELI)



Anatomic

Angulated 15°	Angulated 25°	Ø D (mm)	L (mm)	L1 (mm)
 NM-A2401	 NM-A2601	5.4	9.5	1
 NM-A2402	 NM-A2602	5.4	10.5	2
 NM-A2403	 NM-A2603	5.4	11.5	3
 NM-A2404	 NM-A2604	5.4	12.5	4

Standard

Angulated 15°	Angulated 25°	Ø D (mm)	L (mm)
		4.5	9
NM-A3209	NM-A3409		
		4.5	11
NM-A3211	NM-A3411		

Narrow

Angulated 15°	Angulated 25°	Ø D (mm)	L (mm)
		4	9
NM-A3609	NM-A3809		

Narrow Top

Angulated 15°	Angulated 25°	Ø D (mm)	L (mm)
		4.5	9
NM-A2809	NM-A3009		

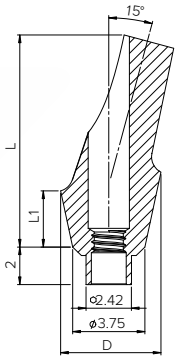
Included with all abutments & available separately

NM-S8324

Titanium Base Zirconia Abutments

Zirconia is an esthetic alternative material for the traditional titanium abutments. The abutments are available as fully cast zirconia or with a titanium base in a wide variety of shapes and sizes.

Material: Zirconium



Anatomic

Straight	L (mm)	L1 (mm)
 NM-Z5600	8.5	0.5
 NM-Z5601	9	1
 NM-Z5602	10	2
 NM-Z5603	11	3

Angulated 15°	Angulated 25°	L (mm)	L1 (mm)
 NM-Z3400	 NM-Z3600	9	0.5
 NM-Z3401	 NM-Z3601	9.5	1
 NM-Z3402	 NM-Z3602	10.5	2
 NM-Z3403	 NM-Z3603	11.5	3

 NM-S1001

 NM-Z1001

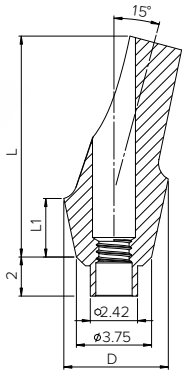
Titanium Base for Zirconia

Castable Abutments

Plastic Castable Abutments are intended for use by the technician for simple casting of custom-made abutments for constructing the prosthetic restoration.

Plastic Castable Abutments on Titanium Bases enable the dental laboratory to cast on an accurate Titanium base. The machined Titanium base provides an accurate fit to the implant.

Material: Delrin



Straight	L (mm)
 NM-C4001	9
 NM-C4002	10
 NM-C4003	11

Angulated 15°	Angulated 25°	L (mm)	L1 (mm)
 NM-C3001	 NM-C3201	9.5	1
 NM-C3002	 NM-C3202	10.5	2
 NM-C3003	 NM-C3203	11.5	3

Hexed	Non-Hexed	L (mm)	Ø D (mm)
 NM-C2004	 NM-C2003	8.5	4.5
 NM-C1002	NM-C1001	10.5	3.25

Angulated 15°	L (mm)	Ø D (mm)
 NM-C2005	8.5	4.5

Titanium Base	Co-Cr Base	L (mm)	Ø D (mm)
 NM-C2001	 NM-C2002	10.5	4.5


NM-S8324

Included with all abutments & available separately

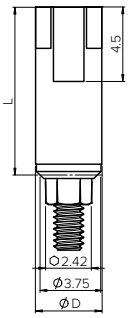
CAD/CAM Components

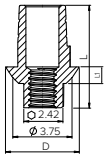
The CAD/CAM components are especially designed for CAD/CAM fabrication of individual abutments.

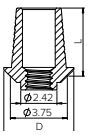
Recommendation:
Tighten the screw NM-S8324 at a torque between 25 to 30 Ncm.
Tighten the screw NM-S7102 at a torque of 15 Ncm.

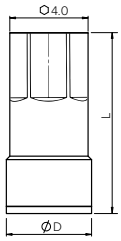
Material: Titanium (Ti6Al4V ELI) & PEEK

Scan for downloading CAD/CAM library

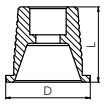
Scan Bodies	Ø D (mm)	L (mm)	
 NM-C9007	4.0	7	
 NM-C9010	4.0	10	
 NM-C9013	4.0	13	

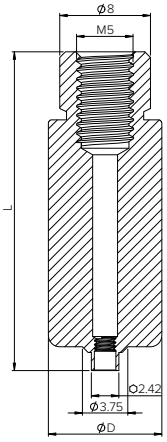
Single Unit Titanium Base	Ø D (mm)	L (mm)	L1 (mm)	
 NM-C2201	4.8	4.5	1	
 NM-C2212	4.8	6.0	2	
 NM-C2213	4.8	7.0	3	

Multiple Units Titanium Base	Ø D (mm)	L (mm)	
 NM-C2202	4.8	4.5	
 NM-S8324	Included with all abutments & available separately		

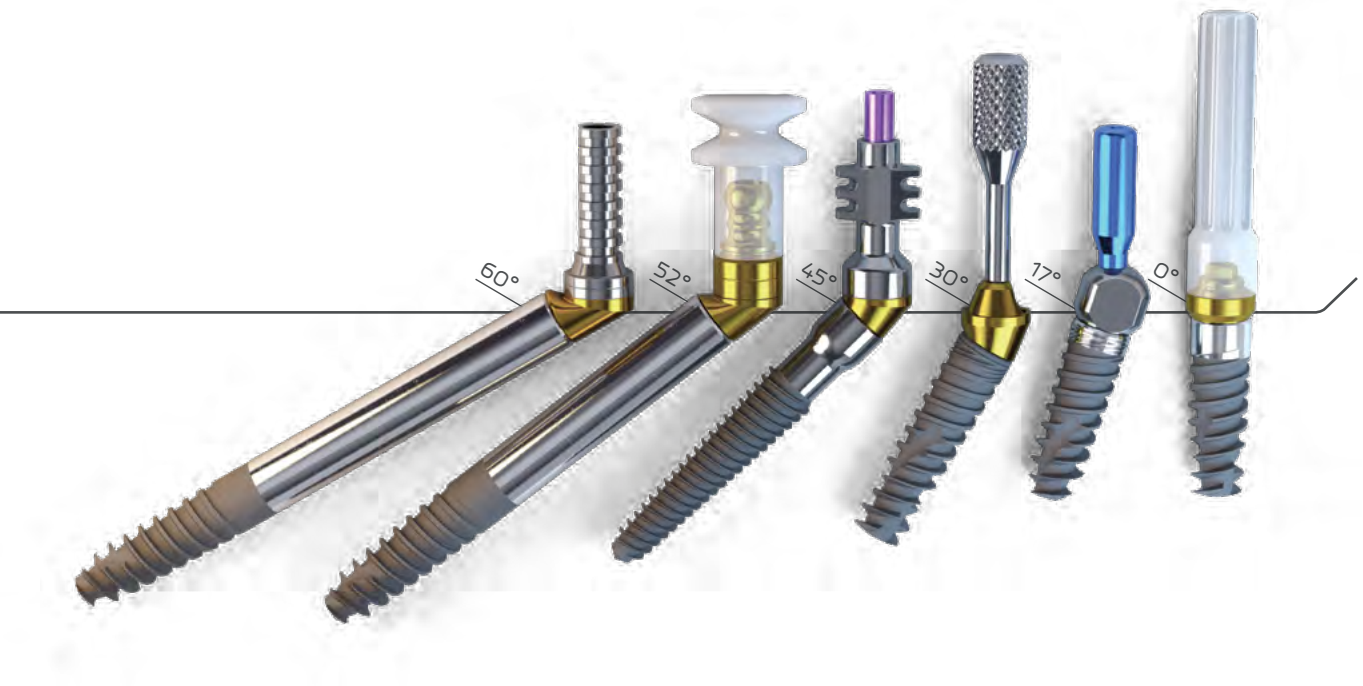
Multi-Unit Scan Bodies	Ø D (mm)	L (mm)	
 NM-C9207	4.9	7	
 NM-C9210	4.9	10	
 NM-C9213	4.9	13	

Replacing NM-C9107, NM-C9110, NM-C9113

Multi-Unit Titanium Base	Ø D (mm)	L (mm)	
 NM-C7124	4.9	4.5	
 NM-S7102	Included with all abutments		

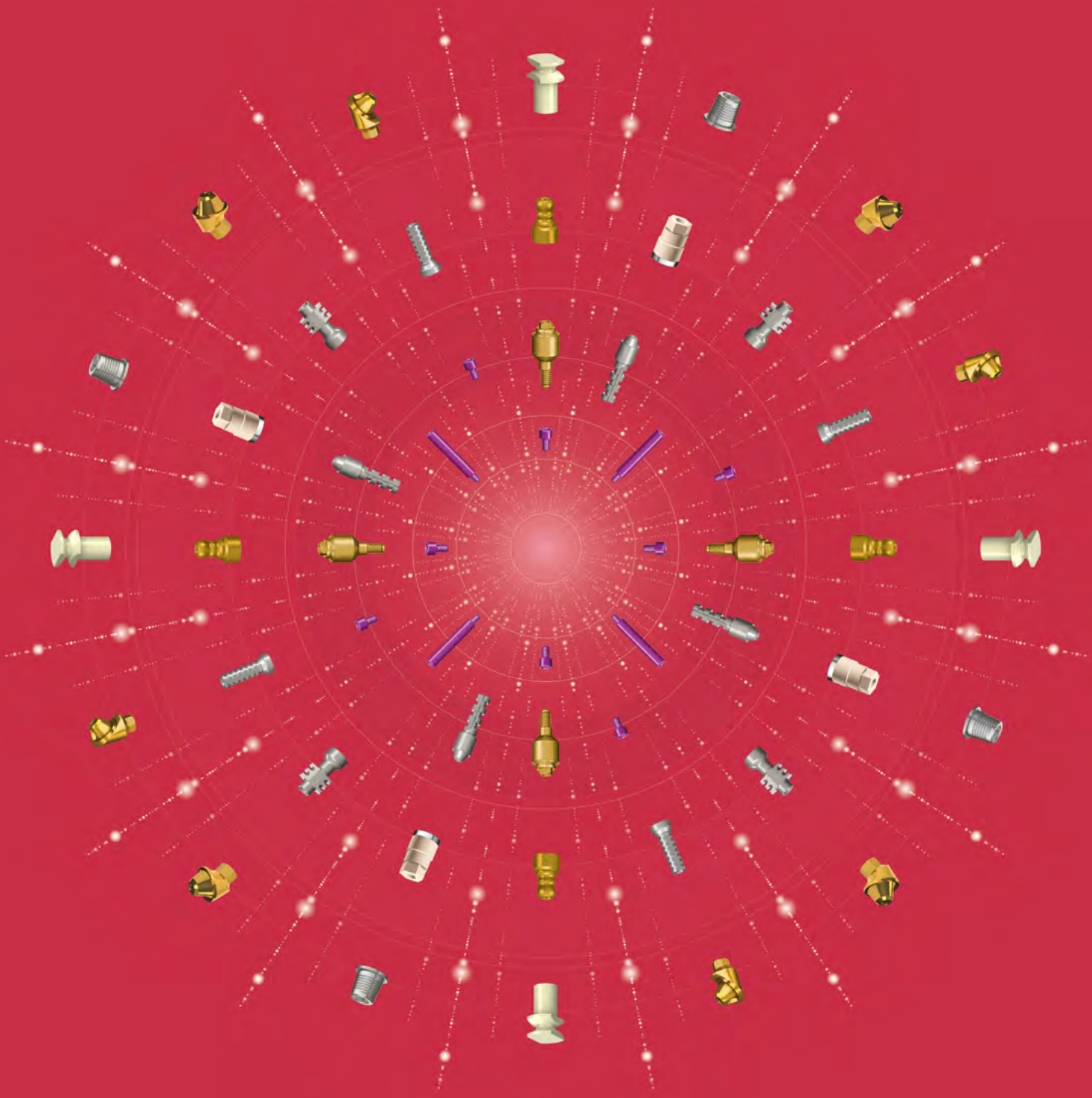
Individual Blank for Milling	Ø D (mm)	L (mm)	
 NM-A5517	10	26	
 NM-S8324	Included with all abutments & available separately		

Multi-Unit System



Entire Product Line for Immediate Loading

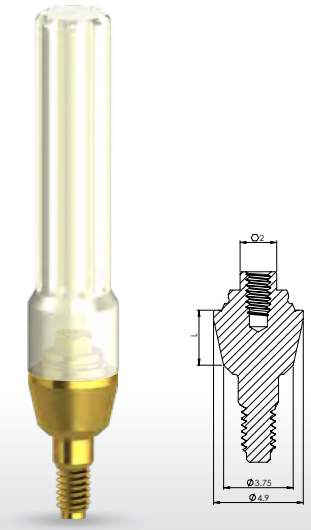
Multi-Unit

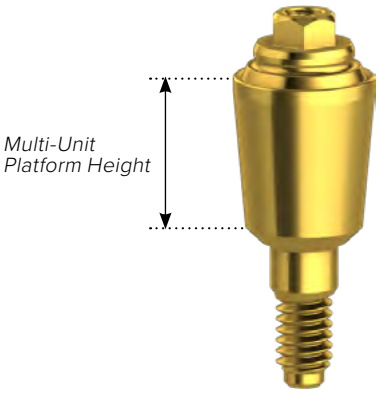


Multi-Unit | Straight & Angulated

The Multi-Unit system provides a solution for screw-retained prostheses even on complicated-to-restore implants (for example, multiple tilted implants). The Multi-Unit system comprises a full range of sizes for both the upper and lower jaws. Straight, 17°, 30°, 45°, 52° and 60° adaptors, in a variety of heights, connects to a wide range of complementary products.

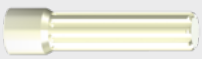
Material: Titanium (Ti6Al4V ELI)





Straight Multi-Units

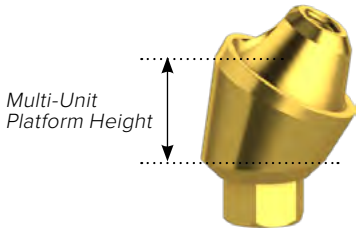
Multi-Unit Platform Height				
Height 1 mm	**Height** 2 mm	**Height** 3 mm	**Height** 4 mm	**Height** 5 mm
				
NM-A7101	NM-A7102	NM-A7103	NM-A7104	NM-A7105

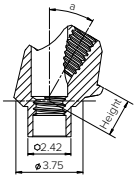


NM-X7100

Included with all multi-unit bases

Recommendation: Tighten the base at a torque between of 25-30 Ncm.





Angulated Multi-Units

Angle°	Multi-Unit Platform Height Height 2 mm	Height 3 mm	Height 4 mm	Height 5 mm
17°	 NM-A7112	 NM-A7113	 NM-A7114	 NM-A7115
30°	 NM-A7133	 NM-A7134	 NM-A7135	 NM-A7136
45°	 NM-A7144	 NM-A7145	 NM-A7146	 NM-A7147
52°	 NM-A7152			
60°	 NM-A7160			
	 NM-S7101	 NM-X7101	Included with all multi-unit bases	

Recommendation: Tighten the base at a torque between of 25-30 Ncm.

Multi-Unit Components

Healing Cap

Healing Cap
Ø 4.9mm **H** 4.8mm
NM-H7101

Healing Cap
Ø 4.9mm **H** 7.0mm
NM-H7102

Screw*
NM-S7102

Included with all healing caps above & available separately

Transfers & Analog

Open Tray
Ø 4.9mm **H** 11mm
NM-T7111

Screw*
L 13mm
NM-S7111

Included with the transfer above & available separately

Plastic Cap
Ø 4.9mm **H** 11mm
NM-T4402

Closed Tray
Ø 4.9mm **H** 8mm
NM-T7102

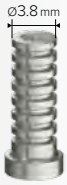
Screw*
NM-S7102

Included with the transfer above & available separately

Analog
Ø 4.9mm
NM-T7151

Abutments

Universal Abutment
Ø 4.9mm **H** 12mm
NM-T7121



Wide Universal Abutment
Ø 4.9mm **H** 12mm
NM-T7123

Castable Abutment
Ø 4.9mm **H** 12mm
NM-C7121

Screw*
NM-S7102

Included with all abutments above & available separately

Titanium Base

Ø 4.9mm **H** 4.5mm
NM-C7124

Screw*
NM-S7102

Included with the titanium base above & available separately

Recommendation: Tighten the screw at a torque of 15 Ncm.

Passive Fit Castable Abutment Kit

Universal Abutment
Ø 4.9mm **H** 12mm
NM-T7121

Castable Sleeve
Ø 4.9mm **H** 10.5mm
NM-C7120

Castable Sleeve Positioner
Ø 4.9mm **H** 10mm
NM-T7122

Screw*
NM-S7102

The Passive Fit Castable Abutment Set consists of three parts aimed for the fabrications of accurate metal reinforced prostheses.

The Castable Sleeve Positioner is used for locating the Castable Sleeve on the plaster model, ensuring passive fit of the fabricated metal cast when cemented to the Titanium Abutments.

Scan Bodies

Ø 4.9mm **H** 7mm
NM-C9207

Ø 4.9mm **H** 10mm
NM-C9210

Ø 4.9mm **H** 13mm
NM-C9213

Screw
NM-S7102

Included with all scan bodies above & available separately

Multi-Unit Drivers

Straight Multi-Unit Drivers

Short Driver
2.0mm **L** 6mm
NM-X1016

Long Driver
2.0mm **L** 10mm
NM-X1017

Straight Multi-Unit Motor Mounts

Short Motor Mount
2.0mm **L** 20mm
NM-X1120

Long Motor Mount
2.0mm **L** 25mm
NM-X1125

Star Hex. Drivers

Star Hex. Driver
1.25mm **L** 7mm
NM-X7006

Star Hex. Driver
1.25mm **L** 14mm
NM-X7007

Star Hex. Driver
1.25mm **L** 20mm
NM-X7011

Star Hex. Motor Mounts

Motor Mount
1.25mm **L** 20mm
NM-X7008

Motor Mount
1.25mm **L** 25mm
NM-X7009

Motor Mount
1.25mm **L** 35mm
NM-X7010

Multi-Unit Protocol

Assembly of a Straight Multi-Unit Base

1

Adjust the straight Multi-Unit Base to the implant by using the plastic handle.

2

Remove the handle.

3

Tighten the base at 25-30 Ncm, with a 2.0mm Straight Multi-Unit Driver.

Assembly of Angled Multi-Unit Base

1

use the Angulated Guide Pin to choose the right correction angle.

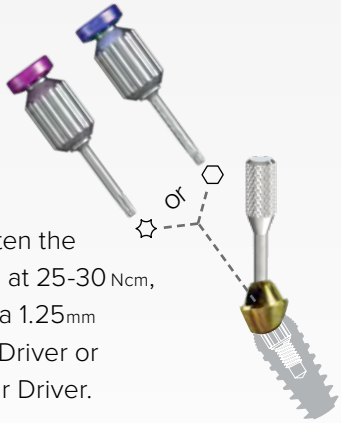
2

Adjust the Multi-Unit base to the appropriate angle.

Use the handle as an indicator for the final screw emergence.

3

Tighten the base at 25-30 Ncm, with a 1.25mm Hex Driver or a Star Driver.



4

Remove the handle by unscrewing it out.

Healing Cap Assembly

Impression

Choose the desired impression technique:

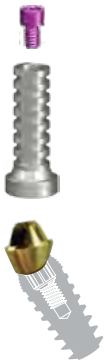
For **closed tray** choose Snap-On-Transfer.

For **open tray** technique choose conventional Transfer.

Immediate Loading
(Fabrication of the temporary bridge)

1

Assemble the Titanium Sleeve on the Multi-Unit base and tighten the screw at 15 Ncm.



2

Attach the pre-prepared provisional acrylic prosthesis

Laboratory Phase

1

Mount the Plastic Sleeve on the Multi-Unit analog and tighten with the screw.

2

Splint the sleeves.

3

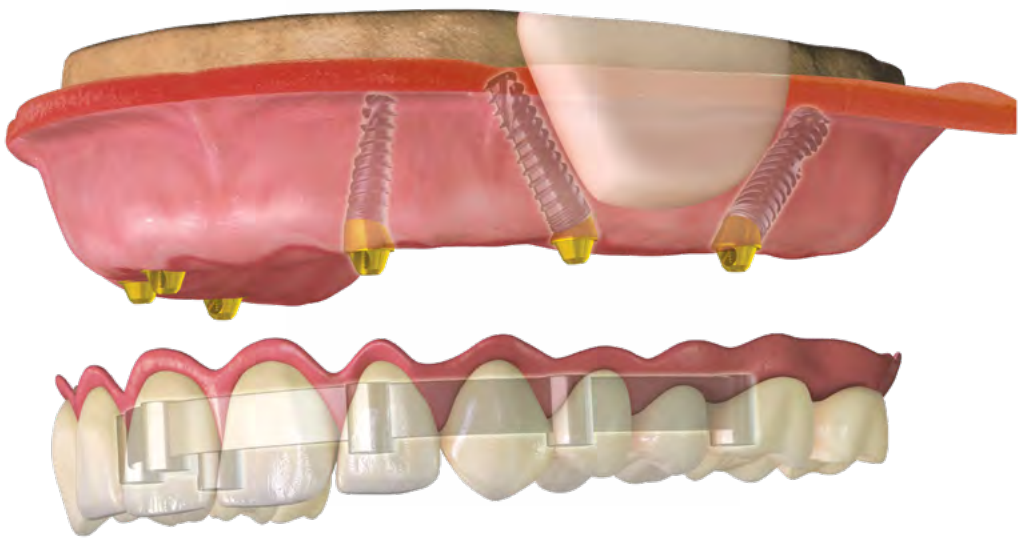
Carve the Sleeves to the desired shape.

4

Invest and cast the metal frame of the prosthesis.

Passive Fit Castable Abutment Kit

The Passive Fit Castable Abutment Set consists of three parts aimed for the fabrication of accurate metal reinforced prostheses. The uniquely designed Castable Sleeve Positioner is used for locating the Castable Sleeve on the plaster model, ensuring passive fit of the fabricated metal cast when cemented to the Titanium Abutments.



Esthetic Screw Abutments

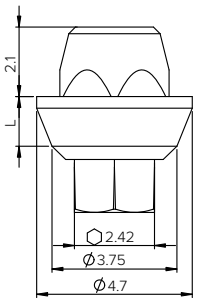
Esthetic Screw Abutment is designed for the screw retained rehabilitation process on single or multiple units.

The height of the abutment is selected according to the thickness of the mucosa.

The Esthetic Screw Abutment base is supplied with an appropriate screw adjusted to the height of the abutment together with a plastic sleeve for casting.

Sleeves are available with or without internal hex.

Material: Titanium (Ti6Al4V ELI)

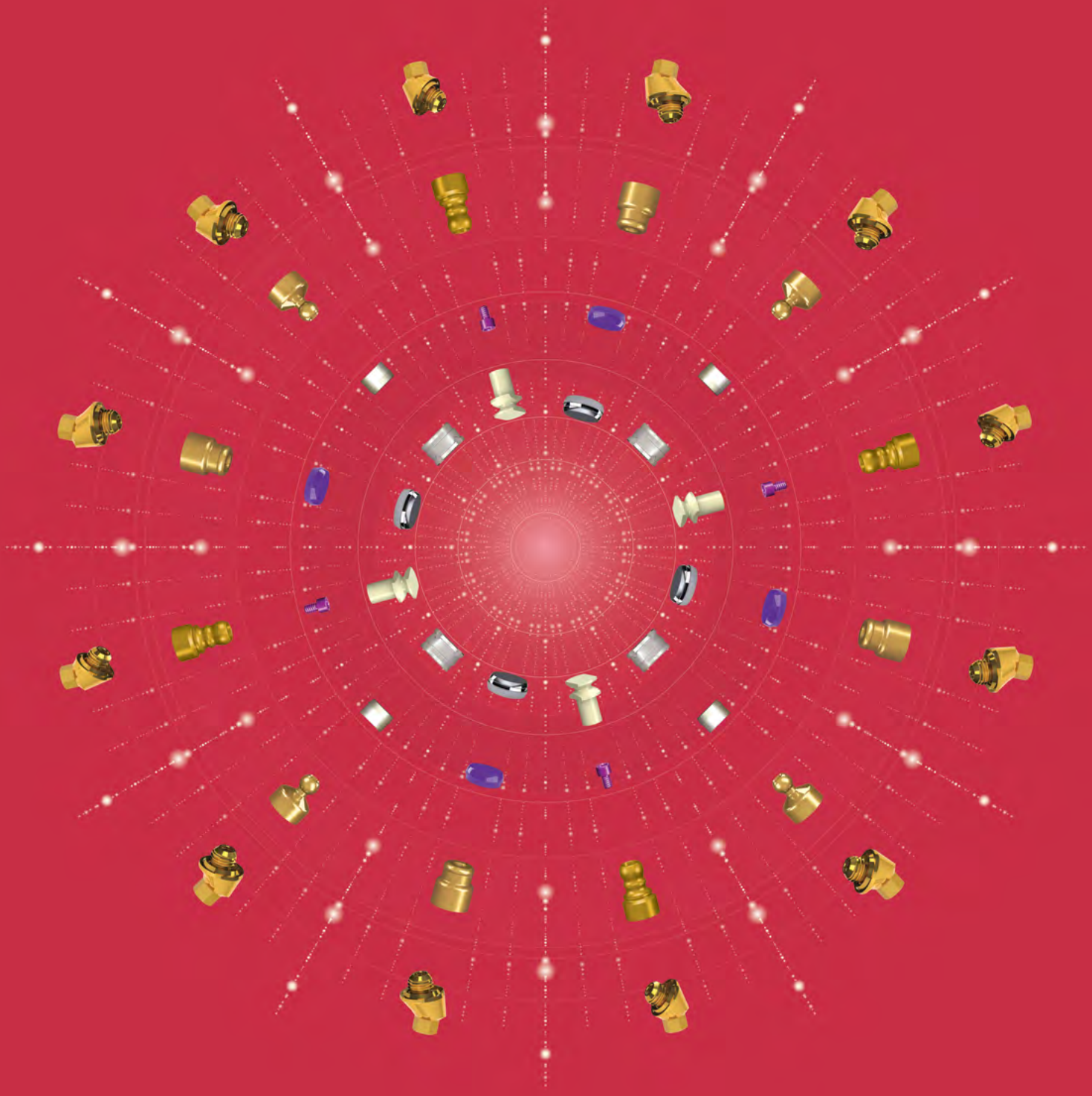


Base	L (mm)
 NM-E1005	0.5
 NM-E1015	1.5
 NM-E1025	2.5

Screw	L (mm)
 NM-S1002	10.5
 NM-S1102	11.5
 NM-S1202	12.5

Hexed	Non-Hexed	L (mm)
 NM-C1015	 NM-C1007	12

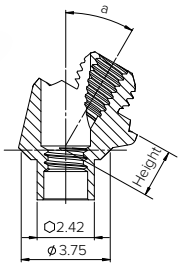
Vari-Connect



Vari-Connect

The Vari-Connect system presents a complete solution for removable prostheses on tilted implants. It provides all the required equipment for removable prostheses, both on ball attachments and flat attachments, covering a wide range of possible situations. 17°, 30°, 45°, 52° and 60° adaptors are available. Complementary products are fixed to the adaptors by the adaptor thread.

Material: Titanium (Ti6Al4V ELI)



Angulated Vari-Connect

	Vari-Connect Platform Height	
Angle°	Height 2 mm	Height 3 mm
17°	 NM-A7212	 NM-A7213
30°	 NM-A7233	 NM-A7234
45°	 NM-A7244	
52°	 NM-A7252	
60°	 NM-A7260	


NM-S7101


NM-X7101

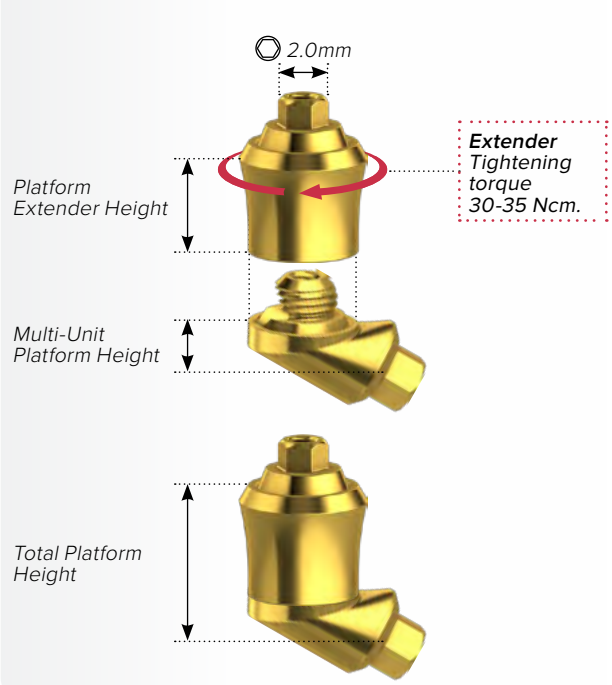
Included with all vari-connect bases

Recommendation: Tighten the base at a torque between of 25-30 Ncm.

Vari-Connect Platform Extender

Platform Extender Height			
Height 2 mm	Height 3 mm	Height 4 mm	Height 5 mm
 NM-T7282	 NM-T7283	 NM-T7284	 NM-T7285

Platform Extender



Vari-Connect Components

Healing Cap

Healing Cap
Ø 4.9mm **H** 4.8mm
NM-H7101

Healing Cap
Ø 4.9mm **H** 7.0mm
NM-H7102

Screw*
NM-S7102

Included with all healing caps above & available separately

Transfers & Analog

Open Tray
Ø 4.9mm **H** 11mm
NM-T7111

Screw*
L 13mm
NM-S7111

Included with the transfer above & available separately

Plastic Cap
Ø 4.9mm **H** 11mm
NM-T4402

Closed Tray
Ø 4.9mm **H** 8mm
NM-T7102

Screw*
NM-S7102

Included with all transfers above & available separately

Analog
Ø 4.9mm
NM-T7251

Ball-Connect

Ball-Connect
Ø 4.9mm, **H** 2mm
NM-T7262

Ball-Connect
Ø 4.9mm, **H** 3mm
NM-T7263

Ball-Connect
Ø 4.9mm, **H** 4mm
NM-T7264

Metal Cap
Ø 5mm, **H** 3.2mm
NM-T3001

Nylon Extra Soft Cap
NM-T3002

Nylon Soft Cap
NM-T3003

Nylon Standard Cap
NM-T3004

Flat-Connect

Flat-Connect
Ø 4.9mm, **H** 3mm
NM-T7273

Flat-Connect
Ø 4.9mm, **H** 4mm
NM-T7274

Metal Cap
Ø 5.5mm, **H** 2.3mm
NM-T3010

Extra Soft Nylon Cap
NM-T3015

Soft Nylon Cap
NM-T3016

Standard Nylon Cap
NM-T3017

High Retention Nylon Cap
NM-T3018

Laboratory Cap
NM-T3019

Sealing Disc
NM-T1824

Available as Set NM-T3099

Drivers for Platform Extender

Short Driver
⬡ 2.0mm **L** 6mm
NM-X1016

Long Driver
⬡ 2.0mm **L** 10mm
NM-X1017

Motor Mounts for Platform Extender

Short Motor Mount
⬡ 2.0mm **L** 20mm
NM-X1120

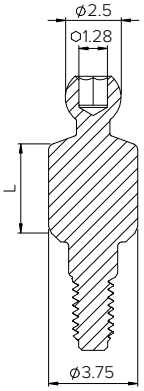
Long Motor Mount
⬡ 2.0mm **L** 25mm
NM-X1125

Recommendation: Tighten the screw at a torque of 15 Ncm.

Ball Attachment

The ball attachment superstructure is intended to secure a removable prosthesis. The attachment is used in conjunction with a stainless steel cap and an intermediate Nylone insert.

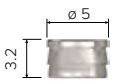
Material: Titanium (Ti6Al4V ELI)



Ball Attachment	L (mm)
 NM-T1200	0.5
 NM-T1201	1
 NM-T1202	2
 NM-T1203	3

Ball Attachment	L (mm)
 NM-T1204	4
 NM-T1205	5
 NM-T1206	6

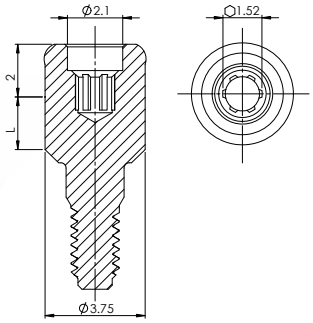
Caps for 2.5mm Ball Attachment

Metal	Extr Soft Nylon	Soft Nylon	Standard Nylon
 NM-T3001	 NM-T3002	 NM-T3003	 NM-T3004

Flat Attachment

The flat attachment superstructure is intended to secure a removable prosthesis. The attachment is used in conjunction with a stainless steel cap and an intermediate Nylone insert.

Material: Titanium (Ti6Al4V ELI)



Flat Attachment	L (mm)
 NM-T1100	0.5
 NM-T1101	1
 NM-T1102	2

Flat Attachment	L (mm)
 NM-T1103	3
 NM-T1104	4
 NM-T1105	5

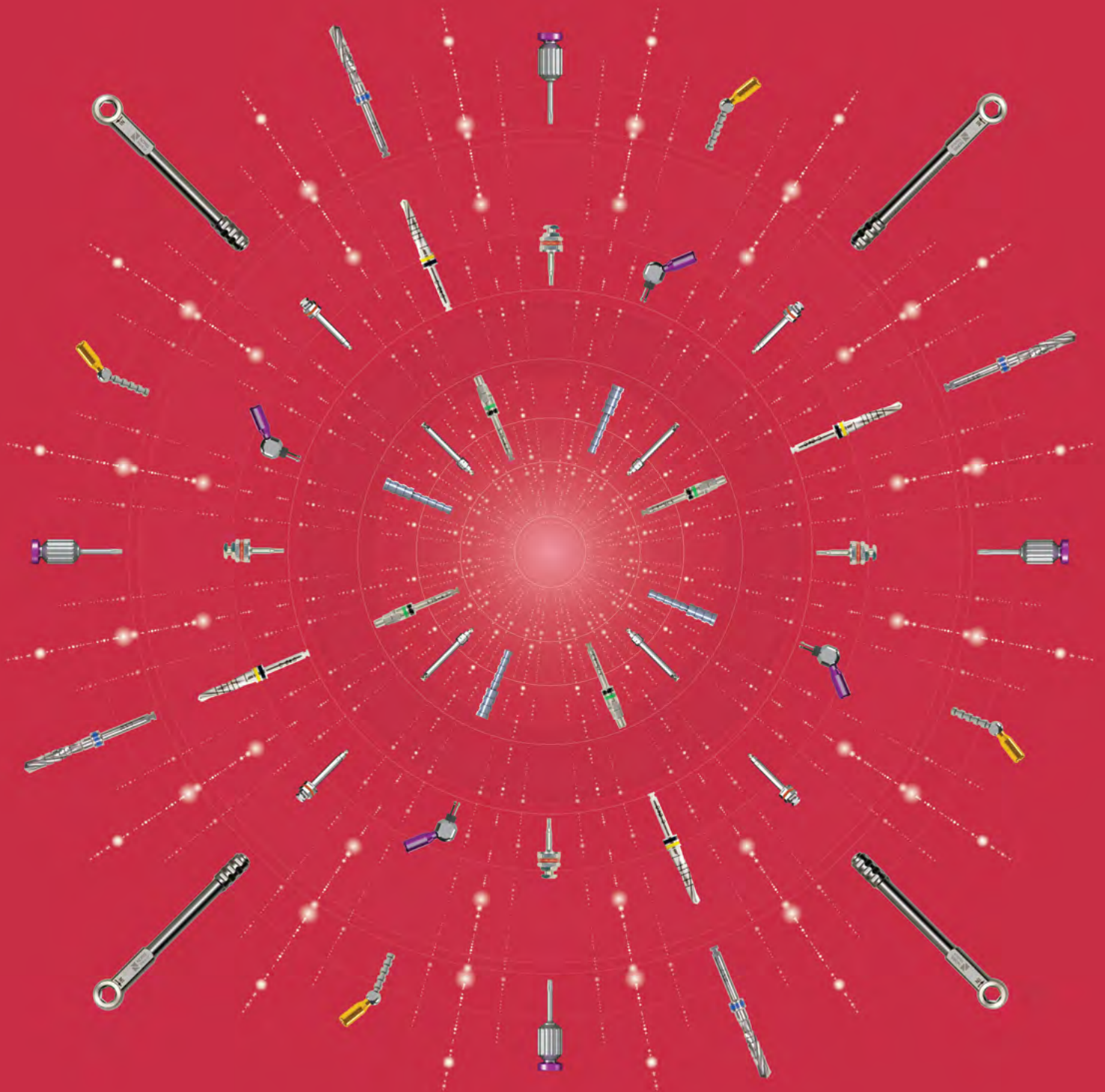
Set NM-T3099

Caps for Flat Attachment

Metal	Extra Soft Nylon	Soft Nylon	Standard Nylon	High Retention Nylon	Laboratory	Sealing Disc
 NM-T3010	 NM-T3015	 NM-T3016	 NM-T3017	 NM-T3018	 NM-T3019	 NM-T1824


SCREW

Instruments



Drills Workflow

Material: Stainless Steel

Page 65 — Standard / Short

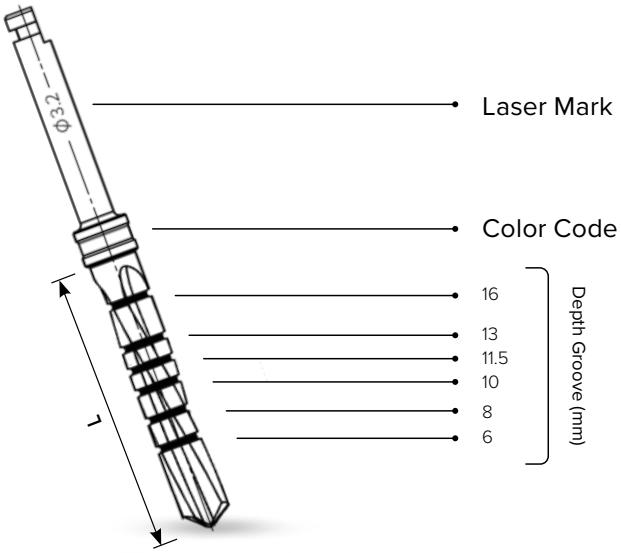
Page 66 — Long

Page 67 — Conical

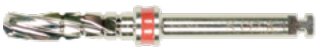
Page 68 — Complementary Drilling Tools

Drills Color Code

- Ø 2.0
- Ø 2.8
- Ø 3.2
- Ø 3.65
- Ø 4.2
- Ø 5.2



Standard Drills			
Ø D (mm)	L (mm)	External Irrigation	
2.0	19	NM-D1220	
2.5	19	NM-D1225	
2.8	19	NM-D1228	
3.2	19	NM-D1232	
3.65	19	NM-D1236	
4.2	19	NM-D1242	
5.2	19	NM-D1252	

Short Drills			
Ø D (mm)	L (mm)	External Irrigation	
2.0	13	NM-D1420	
2.8	13	NM-D1428	
3.2	13	NM-D1432	
3.65	13	NM-D1436	
4.2	13	NM-D1442	
5.2	13	NM-D1452	

Drills

Long Drills			
Ø D (mm)	L (mm)	Item	
2.3	43	NM-D7423	
2.8	43	NM-D7428	
3.2	43	NM-D7432	
3.65	43	NM-D7436	

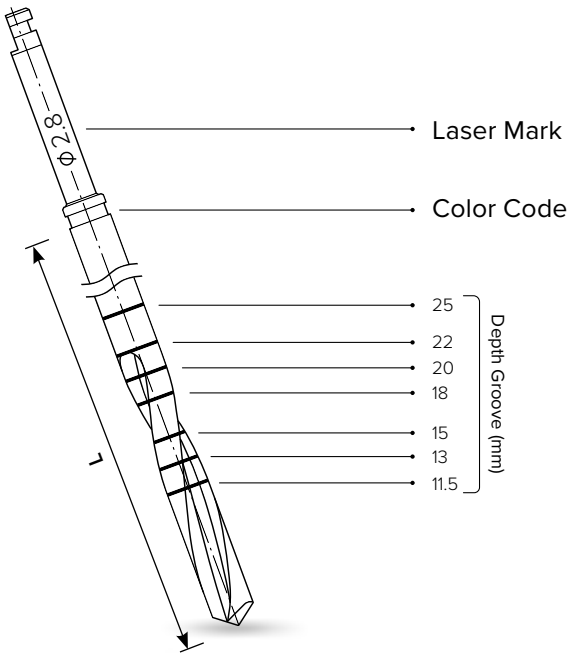
Drills Color Code

Ø 2.3

Ø 2.8

Ø 3.2

Ø 3.65



Conical Drills			
Ø D1-D2 (mm)	L (mm)	External Irrigation	
1.8-2.4	19	NM-D3018	
2.0-3.2	19	NM-D3020	
2.5-3.7	19	NM-D3025	
2.7-4.0	19	NM-D3027	
2.7-4.5	19	NM-D3028	
3.1-5.5	19	NM-D3031	

Drills Color Code

Ø 18.-24

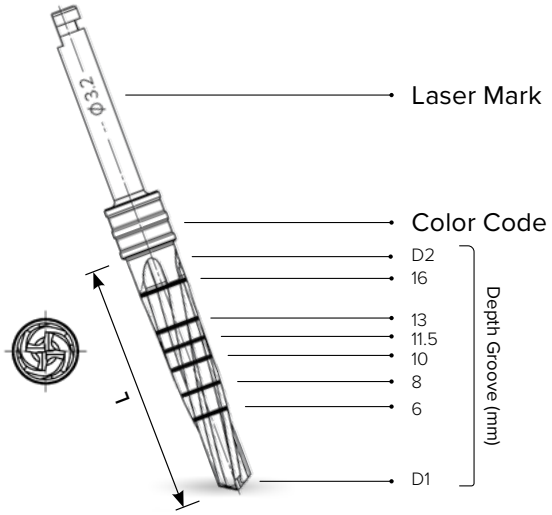
Ø 2.0-3.2

Ø 2.5-3.7

Ø 2.7-4.0

Ø 2.7-4.5

Ø 3.1-5.5

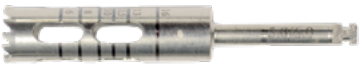


Drills

Countersink Drills		
Ø D (mm)	Item	
3.8-4.2	NM-D1034	
5.0-6.0	NM-D1056	

Marking Drill		
Ø D (mm)	Item	
1.9	NM-D3410	

Narrow Drills		
Ø D (mm)	Item	
1.2	NM-D2312	
1.5	NM-D2315	

Trephine Drills		
Ø D (mm)	Item	
3.0-4.0	NM-D2030	
4.0-5.0	NM-D2040	
5.0-6.0	NM-D2050	

Extension Drill		
Ø D (mm)	Item	
-	NM-D3412	

Drivers for Implants

Drivers ⬡ 2.42mm		
L (mm)	Item	
7	NMHX2607	
10	NMHX2610	
15	NMHX2615	
20	NMHX2620	
40	NMHX2640	

One Piece Drivers ▢			
L (mm)	▢ D (mm)	Item	
10	1.7	NM-X2415	
6	2.15	NM-X1018	
10	2.15	NM-X1019	
20	2.15	NM-X1720	

One Piece Motor Mounts ▢			
L (mm)	▢ D (mm)	Item	
20	1.7	NM-X1520	
20	2.15	NM-X1620	

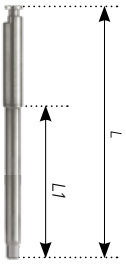
Motor Mounts ⬡ 2.42mm			
L (mm)	Item		
20	NMHX1014		
28	NMHX1015		

Drivers for Prosthetic

Drivers ⬡ 1.25mm		
L (mm)	Item	
7	NM-X1207	
10	NM-X1210	
15	NM-X1215	

Hand Drivers ⬡ 1.25mm		
L (mm)	Item	
7	NM-X1006	
14	NM-X1007	
20	NM-X1011	

Star Hex. Motor Mounts ☆ 1.25mm			
L (mm)	L1 (mm)	Item	
20	7	NM-X7008	
25	12	NM-X7009	
35	22	NM-X7010	



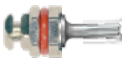
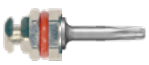
Motor Mounts ⬡ 1.25mm			
L (mm)	L1 (mm)	Item	
20	7	NM-X1008	
25	12	NM-X1009	
35	22	NM-X1010	

Drivers for Multi-Unit & Vari-Connect

Straight Multi-Unit Drivers ⬡ 2.0mm		
L (mm)	Item	
6	NM-X1016	
10	NM-X1017	

Straight Multi-Unit Motor Mounts ⬡ 2.0mm		
L (mm)	Item	
20	NM-X1120	
25	NM-X1125	

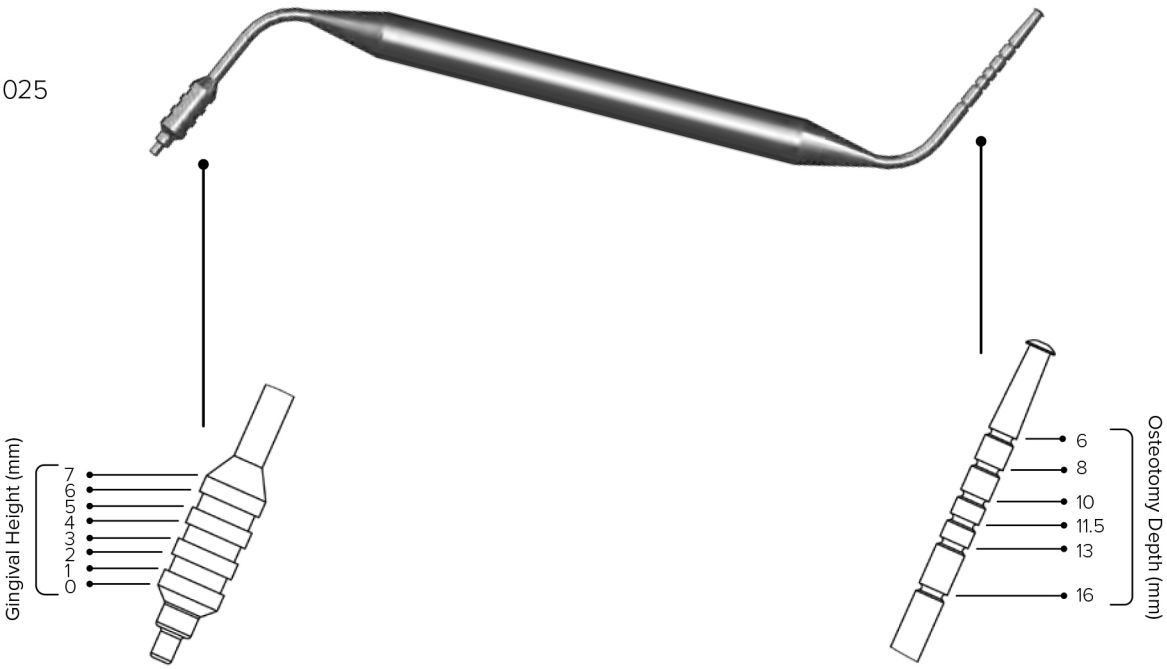
Star Hex. Drivers ✡ 1.25mm		
L (mm)	Item	
7	NM-X7006	
14	NM-X7007	
20	NM-X7011	

Star Hex. Ratchet Drivers ✡ 1.25mm		
L (mm)	Item	
7	NM-X7307	
10	NM-X7310	
15	NM-X7315	

Tools

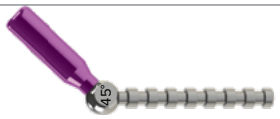
Material: Stainless Steel

Hand Tools		
	Item	
Ratchet	NM-X1020	
Torque Ratchet	NM-X1021	
Surgical Screw Driver	NM-X1023	
Contra-Angle Torque Control HandPiece Includes NM-X1009 & NM-X7009	NM-X1030	

Depth Probe	
Item	
NM-X1025	

Angulated Guide Pin Internal Hex. 2.42mm		
Angle	Item	
17°	NM-X1402	
30°	NM-X1404	
45°	NM-X1405	
52°	NM-X1406	
60°	NM-X1407	

Straight Guide Pin Ø2.0mm		
L (mm)	Item	
10	NM-X1026	
16	NM-X1027	

Angulated Guide Pin Ø2.0 mm			
Angle	L (mm)	Item	
17°	10	NM-X1302	
17°	16	NM-X1312	
30°	10	NM-X1304	
30°	16	NM-X1314	
45°	10	NM-X1305	
45°	16	NM-X1315	

Premium Surgical Set Box

Set NM-X2111 Contains:

Drill, ø2.0mm	NM-D1220
Drill, ø2.8mm	NM-D1228
Drill, ø3.2mm	NM-D1232
Drill, ø3.65mm	NM-D1236
Drill, ø4.2mm	NM-D1242
Drill, ø5.2mm	NM-D1252

Set NM-X2112 (Conical Drills) Contains:

Drill, ø1.5mm	NM-D2315
Drill, ø1.8-2.4mm	NM-D3018
Drill, ø2.0-3.2mm	NM-D3020
Drill, ø2.5-3.7mm	NM-D3025
Drill, ø2.7-4.5mm	NM-D3028
Drill, ø3.1-5.5mm	NM-D3031

Both Sets Contain:

Countersink, ø3.8-4.2mm	NM-D1034
Countersink, ø5.0-6.0mm	NM-D1056
Marking Drill	NM-D3410
Drill Extension	NM-D3412
Driver ⌀1.25mm, L 7mm	NM-X1207
Driver ⌀1.25mm, L 15mm	NM-X1215
Driver ⌀2.42mm, L 7mm	NMHX2607
Driver ⌀2.42mm, L 15mm	NMHX2615

Motor Mount ⌀1.25, L 20mm	NM-X1008
Motor Mount ⌀2.42, L 20mm	NMHX1014
Motor Mount ⌀2.42, L 28mm	NMHX1015
Torque Ratchet	NM-X1021
Guide Pin, L 10mm - 2 Pcs.	NM-X1026
Guide Pin, L 16mm - 2 Pcs.	NM-X1027
Depth Probe	NM-X1025
Hand Driver ⌀1.25, L 14mm	NM-X1007

Mini Surgical Set Box

Sets NM-X2210 (Torque Ratchet) & NM-X2211 Contain:

Drill, ø2.0mm	NM-D1220
Drill, ø2.8mm	NM-D1228
Drill, ø3.2mm	NM-D1232
Drill, ø3.65mm	NM-D1236
Drill, ø4.2mm	NM-D1242
Torque Ratchet (Set NM-X2210)	NM-X1021
Ratchet (Set NM-X2211)	NM-X1020

Set NM-X2213 (Conical Drills) Contains:

Conical Drill, ø1.8-2.4mm	NM-D3018
Conical Drill, ø2.0-3.2mm	NM-D3020
Conical Drill, ø2.5-3.7mm	NM-D3025
Conical Drill, ø.2.7-4.5mm	NM-D3028
Conical Drill, ø3.1-5.5mm	NM-D3031
Torque Ratchet	NM-X1021

The Three Sets Contain:

Drill, Countersink, ø3.8-4.2mm	NM-D1034
Marking Drill	NM-D3410
Guide Pin, L 10mm	NM-X1026
Guide Pin, L 16mm	NM-X1027

Driver ⬡1.25mm, L 15mm	NM-X1215
Driver ⬡2.42mm, L 15mm	NMHX2615
Motor Mount ⬡1.25, L 22mm	NM-X1008
Motor Mount ⬡2.42, L 28mm	NMHX1015

Drills Set with Stoppers

15 Drills Set
Set NM-X2216 Contains:

Drills diameters:

ø2.0mm, ø2.8mm, ø3.2mm

Each drill diameter has the following lengths:

6mm, 8mm, 10mm, 11.5mm, 13mm

35 Drills Set
Set NM-X2212 Contains:

Drills diameters:

ø2.0mm, ø2.5mm, ø2.8mm, ø3.2mm, ø3.65mm, ø4.2mm, ø5.2mm

Each drill diameter has the following lengths:

6mm, 8mm, 10mm, 11.5mm, 13mm

Drills Catalog No.:

Ø D (mm) / L (mm)	2.0	2.5	2.8	3.2	3.65	4.2	5.2
6	NM-D6006	NM-D6106	NM-D6206	NM-D6306	NM-D6406	NM-D6506	NM-D6606
8	NM-D6008	NM-D6108	NM-D6208	NM-D6308	NM-D6408	NM-D6508	NM-D6608
10	NM-D6010	NM-D6110	NM-D6210	NM-D6310	NM-D6410	NM-D6510	NM-D6610
11.5	NM-D6011	NM-D6111	NM-D6211	NM-D6311	NM-D6411	NM-D6511	NM-D6611
13	NM-D6013	NM-D6113	NM-D6213	NM-D6313	NM-D6413	NM-D6513	NM-D6613

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PRECISION

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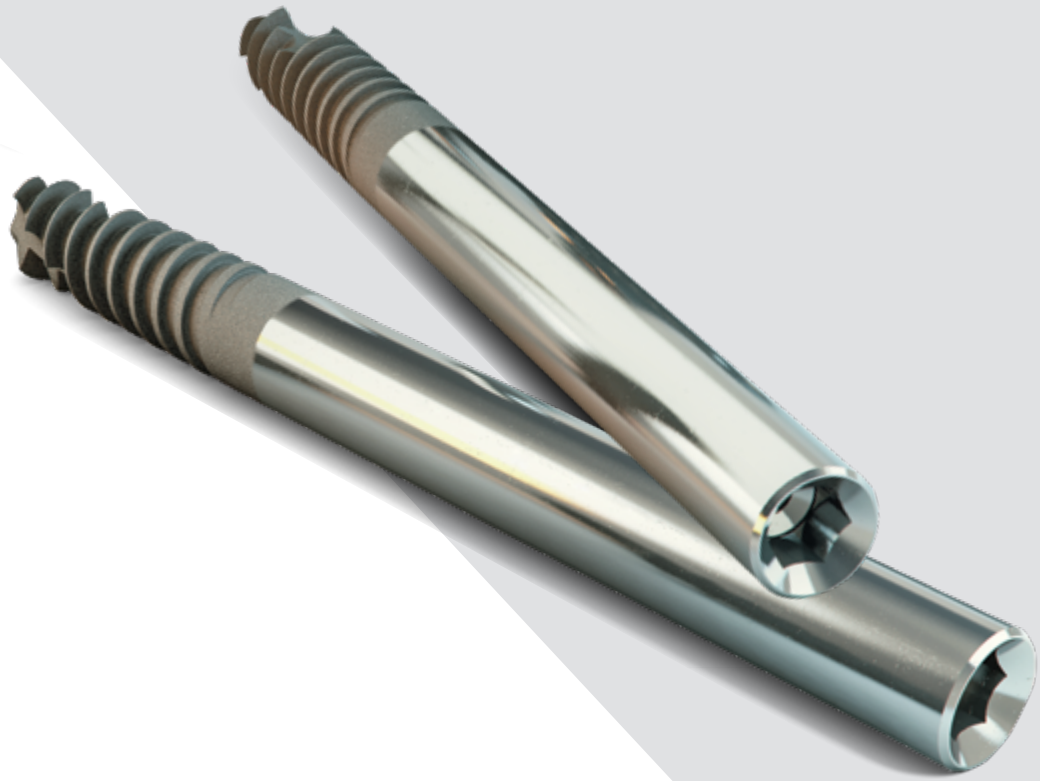

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