NORIS Medical®
Dental Implant Solutions

One-Piece Series

Simplicity is Our Motto

MBI NC

Mono

Mono Bendable

MBI

ONE-PIECE DENTAL IMPLANTS (OPDI) SERIES

Noris Medical's One-piece dental implants (OPDI) have multiple advantages.

The main advantage is the One-Piece
The lack of the abutment/implant gap is significant in preventing bacterial contamination and crestal bone loss.

One-piece implants are cost-effective
When compared to conventional implants, as they eliminate the need for cover screws, healing abutments, subsequent separate implant attachments, separate implant abutments, or procedures that require time, effort and staff to attach or detach various prosthetic elements.

OPDIs eliminate the need for second-stage surgery
Mucosal healing period, and decrease patient exposure to additional unnecessary pain and discomfort.

OPDIs provide fast and minimally invasive replacement of missed teeth

Single piece implants are less invasive
Are either immediately loaded in case of good bone quality, or progressively loaded in case of less than ideal bone quality.

The implants are usually designed with
* Dense v-shaped or reverse buttress threads
* Calcium phosphate blasted surfaces, to achieve high primary stability when loaded immediately
* A thick smooth collar for soft tissue support

OPD Implants have wide versatility
The implants are provided with different abutment types for removable or cemented restorations and with a wide range of small and large diameters from 1.8 mm up to 5.0 mm.

Challenges with angulation could be avoided by digital planning or by the use of parallel pins after each drill so any deviation could be corrected with the subsequent drill, or by combining the slanted implant with an angled abutment. Mono Bendable provides the flexibility of an adjustable abutment element which can be oriented in any direction, and are cost-effective!

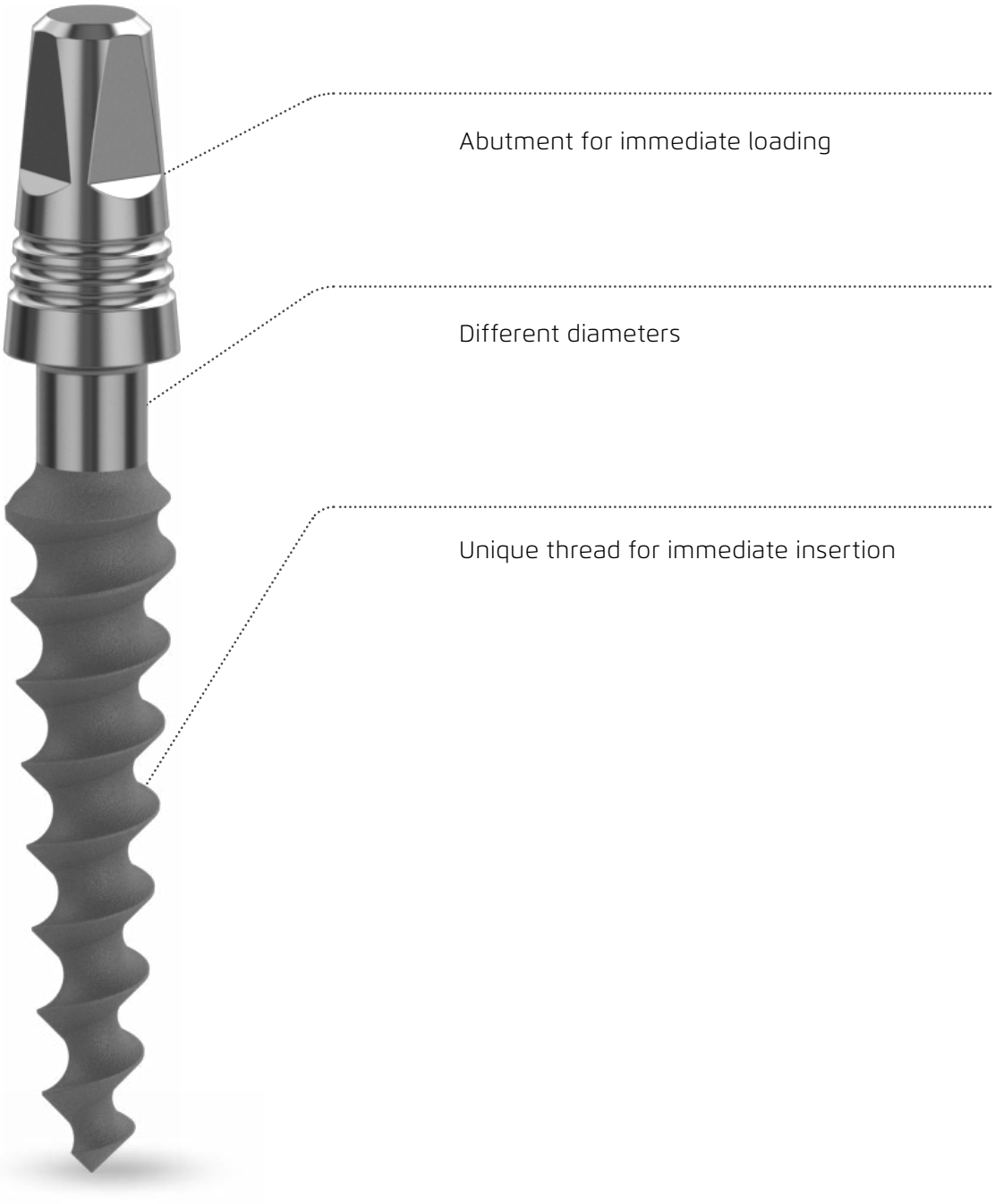
Single piece implants insertion protocol is learnable, easy to use and implement in everyday practice.

ONE-PIECE SERIES IMPLANTS INDEX

TISSUE LEVEL IMPLANTS	NAME	MBI	MBI NC	Mono	Mono Bendable
	BONE TYPES	All Bone Types			
	DESIGN FEATURES	• Apically tapered threads and tapered core body • Mini ball attachment prosthetic portion • Small diameter		• Tapered thread and tapered core body • Cementable prosthetic portion	• Tapered thread and tapered core body • Cementable prosthetic portion • Bendable neck
	CLINICAL BENEFITS	• Minimally invasive • Short and easy procedure minimal drilling • Suitable for implant and tissue supported denture • Self tapping • Immediate loading		• Tissue level implant • Bone condensing • High primary stability • Minimal drilling • Immediate loading	• Bone condensing • High primary stability • Minimal drilling • Immediate loading • Suitable for basal bone

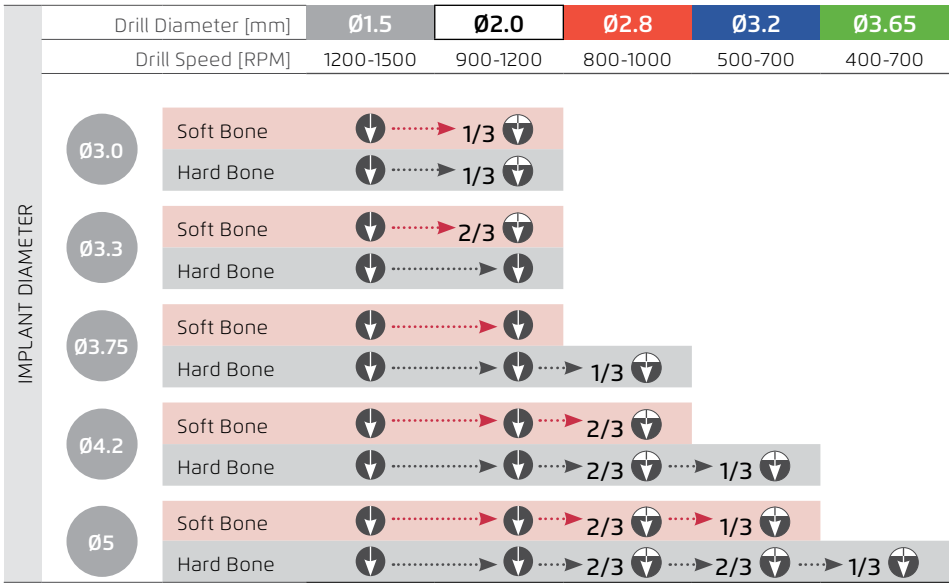
ONE-PIECE SERIES | MONO™

BONE TYPES	All bone types
DESIGN FEATURES	• Tapered thread and tapered core body • Cementable prosthetic portion
CLINICAL BENEFITS	• Tissue level implant • Bone condensing • High primary stability • Minimal drilling • Immediate loading

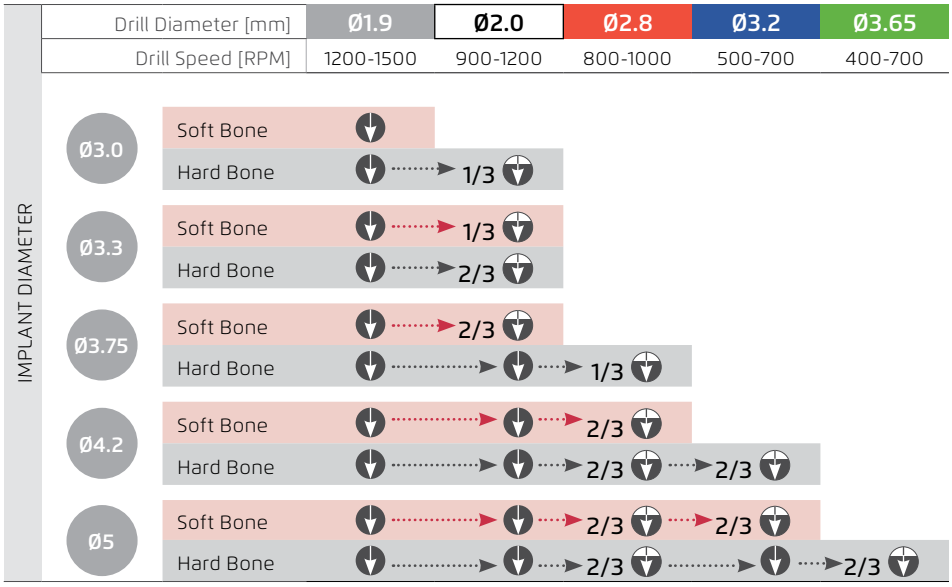


RECOMMENDED DRILL PROTOCOL

RECOMMENDED STRAIGHT DRILL PROTOCOL



RECOMMENDED STEP DRILL PROTOCOL



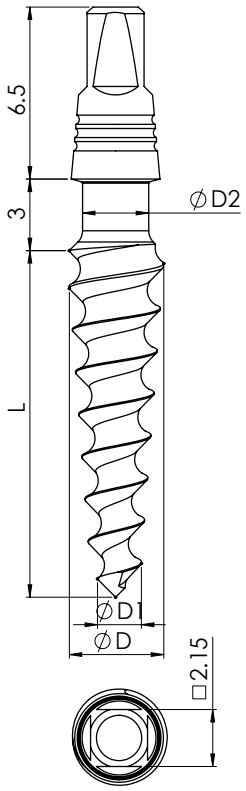
Drill to mark osteotomy site

Drill osteotomy to implant length

Drill osteotomy partially according to implant length

* The recommended drill protocol procedure should not replace the dentist's/surgeon's judgment.
The implants may be loaded for immediate function when good primary stability (above 35 Ncm) has been achieved and with appropriate occlusal loading.

ORDERING INFORMATION



Ø D (mm)	Ø D1 (mm)	Ø D2 (mm)	L (mm)	Item
3.0	1.8	2.0	8	NM-V3008
			10	NM-V3010
			11.5	NM-V3011
			13	NM-V3013
			16	NM-V3016
3.3	2.0	2.1	6	NM-V3306
			8	NM-V3308
			10	NM-V3310
			11.5	NM-V3311
			13	NM-V3313
			16	NM-V3316
3.75	1.9	2.5	6	NM-V3706
			8	NM-V3708
			10	NM-V3710
			11.5	NM-V3711
			13	NM-V3713
			16	NM-V3716
4.2	1.9	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	1.9	2.8	6	NM-V5006
			8	NM-V5008
			10	NM-V5010
			11.5	NM-V5011
			13	NM-V5013
			16	NM-V5016

COMPONENTS

NMCD2315
Drill
Ø 1.5mm

NM-X1620
Motor Driver
⬡ 2.15mm

NM-X1018
Ratchet
Driver
⬡ 2.15mm

NM-X1019
Ratchet
Driver
⬡ 2.15mm

NM-X1720
Ratchet
Driver
⬡ 2.15mm

NM-T6202
Analog

NM-T4420
Transfer

ONE-PIECE SERIES | MONO BENDABLE™

BONE TYPES	All bone types
DESIGN FEATURES	• Tapered thread and tapered core body • Cementable prosthetic portion • Bendable neck
CLINICAL BENEFITS	• Bone condensing • High primary stability • Minimal drilling • Immediate loading • Suitable for basal bone

Abutment for immediate loading.

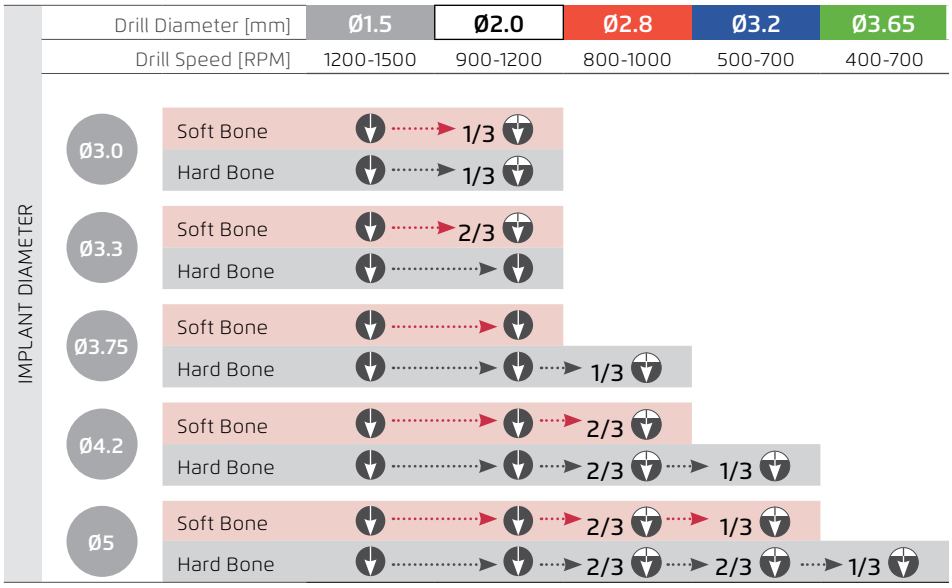
Bendable neck,
for enhanced prosthetic alignment

2.15 mm shape for NM-X1802 key

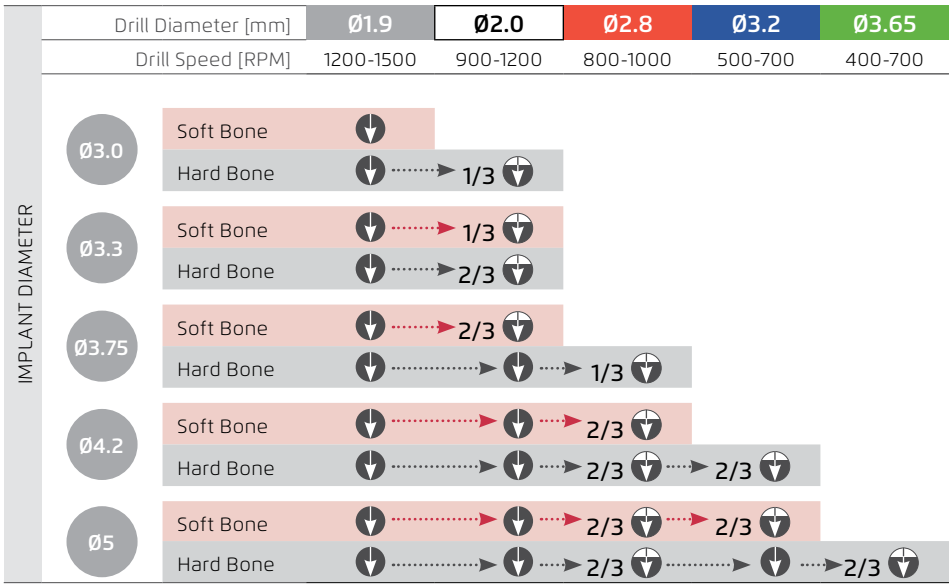
Unique thread for immediate insertion

RECOMMENDED DRILL PROTOCOL

RECOMMENDED STRAIGHT DRILL PROTOCOL



RECOMMENDED STEP DRILL PROTOCOL



Drill to mark osteotomy site

Drill osteotomy to implant length

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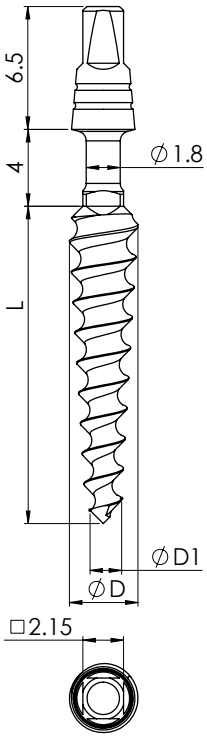


Ø D (mm)	Ø D1 (mm)	Ø D2 (mm)	L (mm)	Item
3.3	1.8	1.8	10	NMBV3310
			11.5	NMBV3311
			13	NMBV3313
			16	NMBV3316
3.75	1.9	1.8	6	NMBV3706
			8	NMBV3708
			10	NMBV3710
			11.5	NMBV3711
			13	NMBV3713
			16	NMBV3716
4.2	1.9	1.8	6	NMBV4206
			8	NMBV4208
			10	NMBV4210
			11.5	NMBV4211
			13	NMBV4213
			16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

COMPONENTS

NMCD2315
Drill
Ø 1.5mm

NM-X1620
Motor Driver
□ 2.15mm

NM-X1018
Ratchet
Driver
□ 2.15mm

NM-X1019
Ratchet
Driver
□ 2.15mm

NM-X1720
Ratchet
Driver
□ 2.15mm

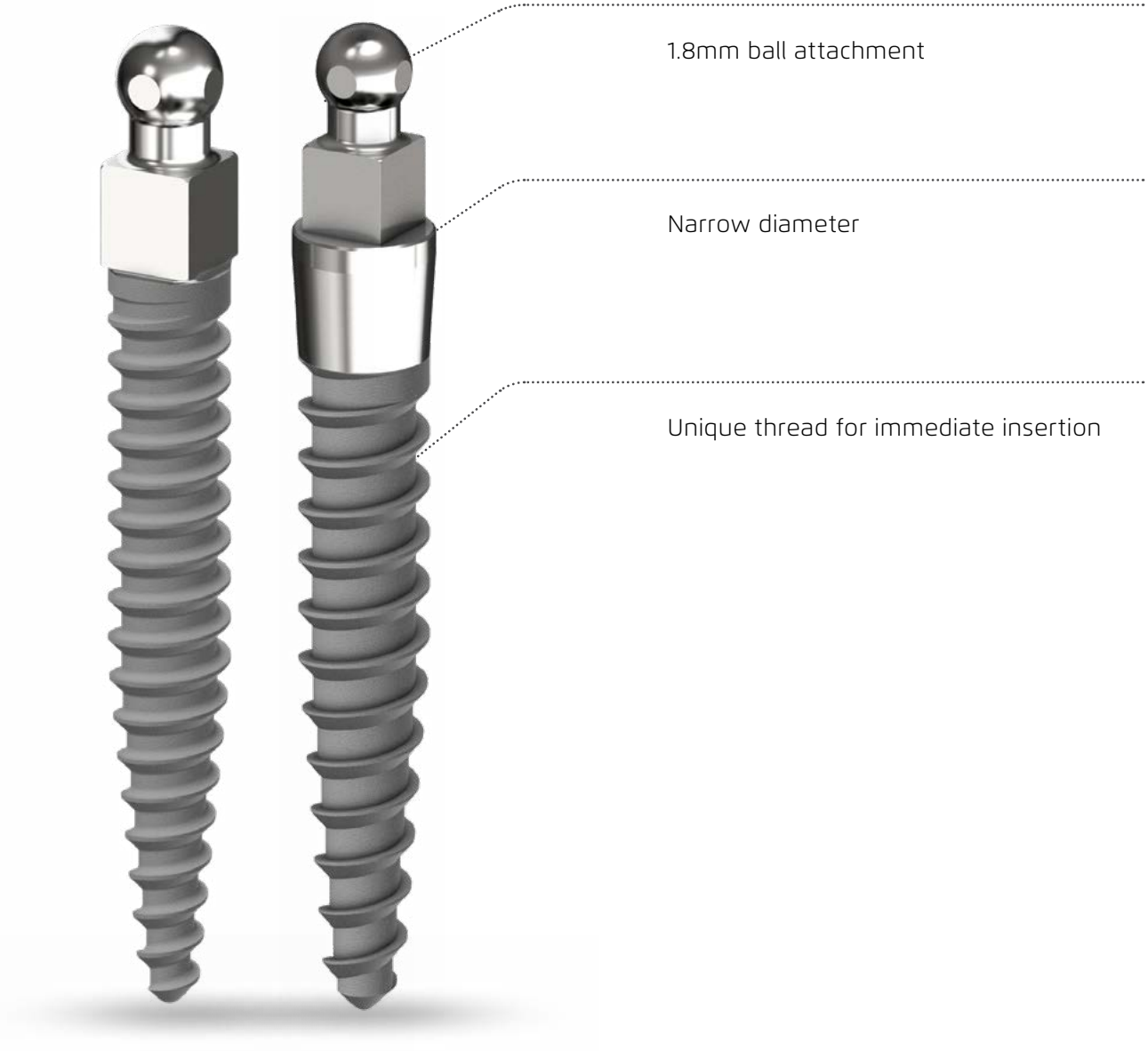
NM-X1802
Ratchet
Driver
□2.15mm

NM-T6202
Analog

NM-T4420
Transfer

ONE-PIECE SERIES | MBI NC™

BONE TYPES	All bone types
DESIGN FEATURES	• Apically tapered threads and tapered core body • Mini ball attachment prosthetic portion • Small diameter
CLINICAL BENEFITS	• Minimally invasive • Short and easy procedure minimal drilling • Suitable for implant and tissue supported denture • Self tapping • Immediate loading



RECOMMENDED DRILL PROTOCOL

RECOMMENDED STRAIGHT DRILL PROTOCOL

IMPLANT DIAMETER		Drill Diameter [mm]	Ø1.2	Ø1.5	Ø2.0
		Drill Speed [RPM]	1200-1500	1200-1500	900-1200
Ø2.0	Soft Bone		2/3		
	Hard Bone				
Ø2.4	Soft Bone			2/3	
	Hard Bone				
Ø2.9	Soft Bone				
	Hard Bone				2/3

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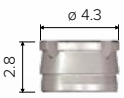
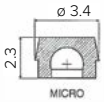


NM-T3201
Metal Housing

NM-T3202
Extra Soft Nylon Cap



NM-T3203
Soft Nylon Cap

NMCD2312
Drill
Ø 1.2mm

NMCD2315
Drill
ø 1.5mm

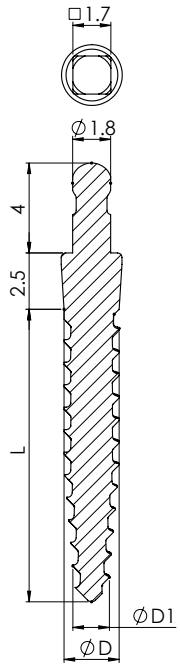
NM-X1520
Driver
1.7mm

NM-X2415
Driver
1.7mm

NM-T6124
Analog

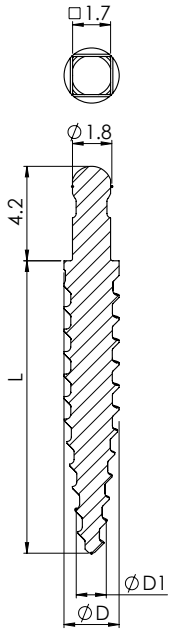
NM-T4410
Transfer

ORDERING INFORMATION



MBI

Ø D (mm)	Ø D0 (mm)	Ø D1 (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

Ø D (mm)	Ø D0 (mm)	Ø D1 (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

CLINICAL CASE

One-piece implant with maximum accuracy

Bendable MONO implants are specifically used in basal bone on upper and lower jaws and are designed for immediate prosthetic loading for bridges and crowns at the anterior maxilla and mandible.

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

A one-hour procedure performed by **Dr. Shlomo Birshan** with the exceptional "**Mono Bendable**" by Noris Medical.

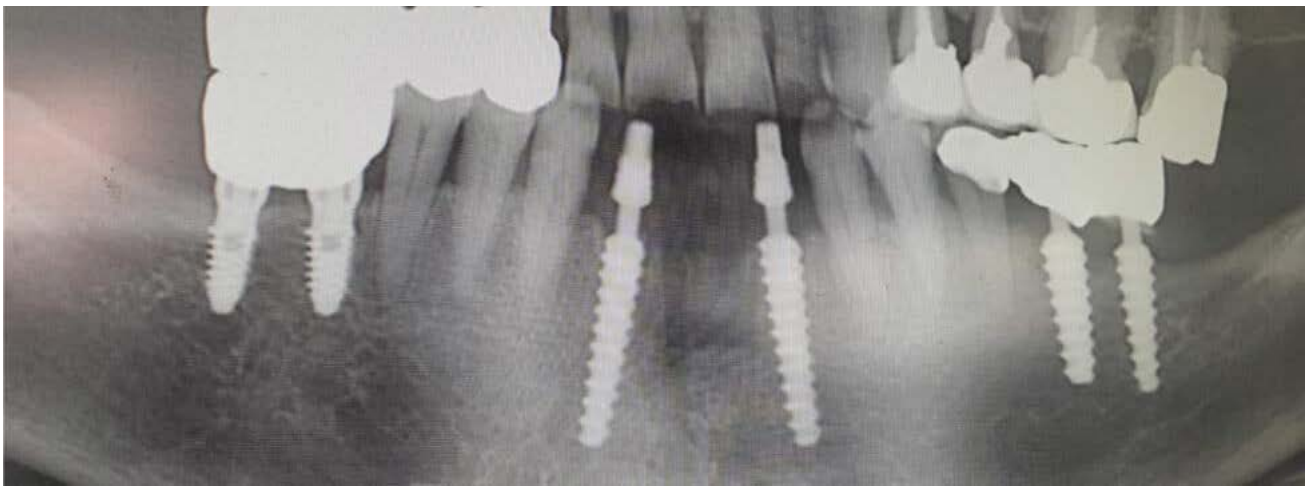
IMMEDIATE EXTRACTION, IMPLANTATION, AND LOADING OF THE MANDIBULAR INCISORS. ALL DIGITAL!

The patient presented with mobile and periodontally involved mandibular incisors.
The plan was to remove the diseased teeth and immediately replace them with an implant-supported provisional bridge.
After the teeth were extracted, Noris Mono bendable implants were chosen. The thread design enables initial primary stability and the supracrestal segment has no gaps for micromotion or the need for prosthetic parts manipulation.
The smooth abutment neck is 1.8mm thick and allows one deflection of the neck, using a designated wrench, in order to align the abutment portion in a more prosthetically favorable position.
Once the position of the abutment was optimized, the abutments were scanned using a digital intraoral scanner in order to fabricate a provisional bridge.
The Noris Mono machined neck provides excellent support for the sulcular soft tissue.
The patient is expected to return for the final restoration. No major soft tissue changes are expected thus the original scan can be used for final restoration fabrication.









We can make you

Smile

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