EN

LASAK

Product catalog 2020

Easy and effective

BioniQ

Easy and effective

Contents

WHY BIONIQ FROM LASAK?

- Long-term scientific documentation
- Unique hydrophilic, nanostructured, bioactive titanium surface
- Unique strong and stable Q-Lock connection
- Dual connection – easy fixation of prosthetic frameworks
- Option of reduced treatment time – safe early and immediate loading
- Instruments for tapered and straight implants for both soft and dense bone in one organizer
- Universal prosthetic platform yielding maximum flexibility
- Wide range of prosthetic components ensuring perfect esthetic results

MEDICAL MANUFACTURER WITH A LONG TRADITION

Since 1991, LASAK, as a research-oriented medical technology company, has been focusing on the systematic research and development of bone regeneration materials and implants used in dental implantology, neurosurgery, orthopaedics and traumatology. The results of research and development, as well as the success rate in clinical practice, are systematically evaluated, used in product innovation and published in prestigous journals. LASAK offers its clients modern, safe and clinical verified solutions at the highest technological level.

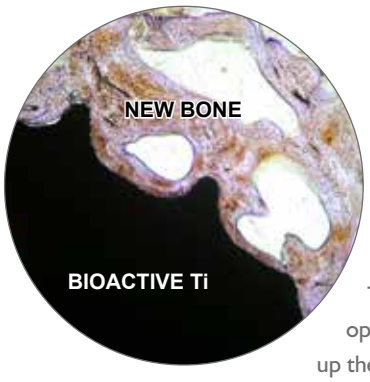
SCIENTIFIC DOCUMENTATION

We will be glad to send you a 80-page summary of selected clinical and experimental studies documenting the long--term clinical performance and scientific background of LASAK products.


Tissue volume and stability
Built-in platform shifting
Prosthetic flexibility
Dual-function connection
Esthetics – stability – flexibility
Q-Lock connection
Color coding
Excellent osseointegration
Hydrophilic BIO-surface
Gentle and fast implant insertion
Conical apex, optimum self-cutting thread

THE BIONIQ DENTAL IMPLANT SYSTEM

The BioniQ implant system includes tapered implants offering easy insertion and high primary stability in soft bone as well as straight implants for easy positioning in dense bone. The system comprises BioniQ implants inserted at the level of the bone and BioniQ Plus implants allowing insertion at the level of soft tissues. Based on twenty years of experience in using narrow implants in clinical practice, the system also comprises narrow implants with a diameter as small as 2.9 mm. The BioniQ system is a comprehensive dental implant system capable of providing treatment in every situation. The horizontal and vertical set-off of the implant-abutment connection from the bone level, together with the implant mini-threads, contribute to the stability of the marginal bone and soft tissues surrounding the abutment and provide improved restoration esthetics. The state-of-the-art implant construction enables safe and precise insertion and optimized load distribution in the bone tissue. Implants are available with a unique hydrophilic, nanostructured, bioactive surface (BIO). A single system organizer provides instruments for the insertion of implants with both tapered and straight design.



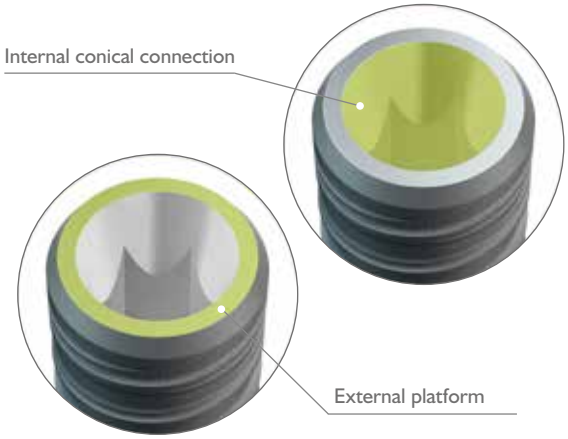
HYDROPHILIC, BIOACTIVE SURFACE

As a result of long-term, continuous research into biomaterial-body environment interactions, LASAK was the first implant manufacturer on the European market that has been able to offer a unique hydrophilic, nanostructured, bioactive surface treatment. The invention of the BIO-surface has given LASAK a leading global position in the development of implant surface modifications. LASAK's unique BIO-surface modification speeds up the formation of a functional bone-implant interface, thus improving the implant's secondary stability in the early healing phase. Thanks to the BIO-surface, the stability dip (often observed in nonbioactive surfaces) is eliminated. The outstanding performance of LASAK BIO-surface implants has been documented in even the most demanding indications.

QUALITY MANAGEMENT SYSTEM

LASAK manufactures and markets medical devices of all classes, even those for the IIb and III risk classes. Production takes place in clean areas that are validated on an annual basis and fulfil the strict requirements of the EN ISO 14644 standard. LASAK complies with all requirements imposed by legislation as well as the requirements of its quality management system in compliance with the EN ISO 13485 standard and is a holder of QMS certificates (confirming that the management system guarantees quality).

All LASAK products bear the CE mark.



DUAL-FUNCTION CONNECTION

- Internal conical connection for single tooth restorations
- External platform for bridge restorations

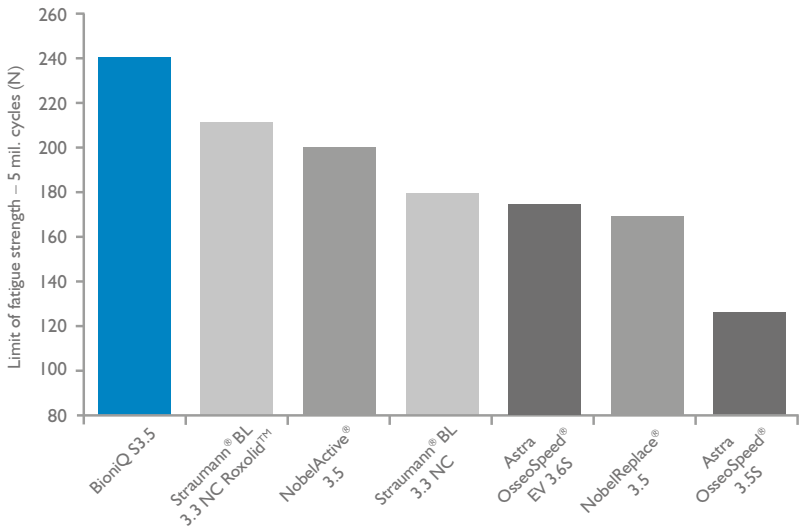
Q-LOCK, THE IMPLANT-ABUTMENT CONNECTION

A unique combination of 4 stabilizing components:

- Deep cone ensures stability and tight seal of the connection
- Solid hexagon as anti-rotation element
- Reinforcing cylinder – tube in tube
- Cone under the screw head

FATIGUE STRENGTH OF THE IMPLANT-ABUTMENT CONNECTION (ISO 14801)

The stress of the implant and the abutment is examined through the use of a chewing kinematics strength test. The test consists of 5 million cycles, where the strength of the connection implant-abutment-screw is checked. This number of cycles corresponds to about 20 years of implant lifetime.



Sources: M. Wieland, H. Hornberger, Mechanical testing of fatigue strength, Bone level implant scientific overview, Starget 2010–1, experimental data of LASAK, Report – Accredited testing laboratory for mechanical tests of ČVUT Praha, Nobel Biocare, leaflet Smaller and stronger.

Product overview

YELLOW PROSTHETIC PLATFORM – QN

Indexed components with internal conical connection.

Non-indexed components with internal conical connection. Abutments marked with this symbol are not suitable for single tooth restoration.

BIONIQ IMPLANTS

S2.9

10 mm 2003.10
12 mm 2003.12
14 mm 2003.14
16 mm 2003.16

BIONIQ PLUS IMPLANTS

S2.9

10 mm 2026.10
12 mm 2026.12
14 mm 2026.14

GINGIVA FORMERS

Narrow

d3.9

2.0 mm 2166.02
4.0 mm 2166.04
6.0 mm 2166.06

Wide

d4.6

2.0 mm 2167.02
4.0 mm 2167.04
6.0 mm 2167.06

COVER SCREW

2164.00

CEMENTED RESTORATIONS

ESTHETIC ABUTMENTS

Straight

d3.8

0.7 mm 2170.07
1.5 mm 2170.15
3.0 mm 2170.30

Angled

d3.8/15°

0.7 mm 2171.07
1.5 mm 2171.15
3.0 mm 2171.30

STANDARD ABUTMENTS

Straight

d4.0

1.0 mm 2169.01
2.0 mm 2169.02
3.0 mm 2169.03
4.0 mm 2169.04

IMPRESSION POSTS

2715.00
2716.00

TEMPORARY ABUTMENTS

d3.8

1.0 mm 2125.01
3.0 mm 2125.03

d3.8

1.0 mm 2126.01
3.0 mm 2126.03

IMPLANT ANALOG

2859.00

LAB PIN

2841.00

SCREW-RETAINED RESTORATIONS

SCREW-ON ABUTMENTS

Straight

d4.6

1.0 mm 2177.01
2.0 mm 2177.02
3.0 mm 2177.03
4.0 mm 2177.04

Angled

d4.6/20°

3.0 mm 2178.03
4.0 mm 2178.04
5.0 mm 2178.05

HEALING CAP

2120.00

IMPRESSION COPINGS

2719.00

2717.00

TEMPORARY COPING

2231.00

TI BASE

2207.00

BURN-OUT COPINGS

2811.00
2871.00

ABUTMENT ANALOG

2860.00

ATTACHMENT-RETAINED RESTORATIONS

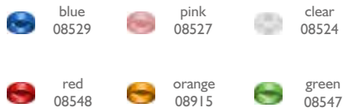
LOCATOR ATTACHMENTS

1.0 mm 02119
2.0 mm 02120
3.0 mm 02121
4.0 mm 02122
5.0 mm 02123
6.0 mm 02124

LOCATOR PROCESSING PACKAGE

08519-2

LOCATOR REPLACEMENT INSERTS



blue 08529
pink 08527
clear 08524
red 08548
orange 08915
green 08547

IMPRESSION COPING

08505

ABUTMENT ANALOG

08530

INDIVIDUAL PROSTHETIC SOLUTIONS

LASAK CADCAM BRIDGES AND ABUTMENTS

CAST-ON ABUTMENTS

d3.8

2179.00

d3.8

2188.00

TEMPORARY ABUTMENTS

d3.8

1 mm 2125.01
3 mm 2125.03

d3.8

1 mm 2126.01
3 mm 2126.03

LASAK CADCAM ABUTMENTS

d3.7

0.8 mm 2181.00
2 mm 2181.20

d3.7

0.8 mm 2189.00
2 mm 2189.20

PREMILL ABUTMENTS

2187.00
2197.00

Ti BASE CEREC

2198.00

Spare abutment screws for the yellow QN prosthetic platform may be ordered separately under Ref. No. 2191.00.
Spare Screw-On bridge screws may be ordered separately under Ref. No. 2106.00.

Product overview

BLUE PROSTHETIC PLATFORM – QR

Indexed components with internal conical connection.

Non-indexed components with internal conical connection. Abutments marked with this symbol are not suitable for single tooth restoration.

B — Bridge components with external platform. Abutments marked with this symbol are not suitable for single tooth restoration or linear anchored bridge.

BIONIQ IMPLANTS

S3.5 | T4.0 | S4.0 | T5.0 | S5.0

BIONIQ PLUS IMPLANTS

S3.5 | S4.0 | S5.0

GINGIVA FORMERS

Narrow
d4.2
2.0 mm 2109.02
4.0 mm 2109.04
6.0 mm 2109.06

Wide
d5.2
2.0 mm 2110.02
4.0 mm 2110.04
6.0 mm 2110.06

Extra wide
d7.0
4.0 mm 2111.04
6.0 mm 2111.06

Bridge
d4.9
2.0 mm 2116.02
4.0 mm 2116.04
6.0 mm 2116.06

COVER SCREW

2107.00

CEMENTED RESTORATIONS

ESTHETIC ABUTMENTS

Straight

d3.9
0.7 mm 2137.07
1.5 mm 2137.15
3.0 mm 2137.30

d5.2
0.7 mm 2140.07
1.5 mm 2140.15
3.0 mm 2140.30

Angled

d3.9/15°
0.7 mm 2138.07
1.5 mm 2138.15
3.0 mm 2138.30

d3.9/25°
0.7 mm 2139.07
1.5 mm 2139.15
3.0 mm 2139.30

d5.2/15°
0.7 mm 2141.07
1.5 mm 2141.15
3.0 mm 2141.30

d5.2/25°
0.7 mm 2143.07
1.5 mm 2143.15
3.0 mm 2143.30

STANDARD ABUTMENTS

Straight, wide

d5.0
1.0 mm 2133.01
2.0 mm 2133.02
3.0 mm 2133.03
4.0 mm 2133.04

Straight, narow

d4.0
1.0 mm 2129.01
2.0 mm 2129.02
3.0 mm 2129.03
4.0 mm 2129.04

TEMPORARY ABUTMENTS

d4.0
1.0 mm 2127.01
3.0 mm 2127.03

1.0 mm 2200.01
3.0 mm 2200.03

B d4.0
1.0 mm 2128.01
3.0 mm 2128.03

IMPRESSION POSTS

2704.00

B 2705.00

2708.00

IMPLANT ANALOG

2858.00

LAB PIN

2833.00

SCREW-RETAINED RESTORATIONS

SCREW-ON ABUTMENTS

Straight

d4.6
1.0 mm 2148.01
2.0 mm 2148.02
3.0 mm 2148.03
4.0 mm 2148.04

Angled

d4.6/20°
3.0 mm 2149.03
4.0 mm 2149.04
5.0 mm 2149.05

d4.6/30°
4.0 mm 2150.04
5.0 mm 2150.05

HEALING CAP

2120.00

IMPRESSION COPINGS

2719.00

2717.00

TEMPORARY COPING

2231.00

Ti BASE

2207.00

BURN-OUT COPING

2811.00
2871.00

ABUTMENT ANALOG

2860.00

ATTACHMENT-RETAINED RESTORATIONS

LOCATOR ATTACHMENTS

0.5 mm 01284
1.0 mm 01285
2.0 mm 01286
3.0 mm 01287
4.0 mm 01288
5.0 mm 01289
6.0 mm 01290

LOCATOR PROCESSING PACKAGE

08519-2

LOCATOR REPLACEMENT INSERTS

blue 08529
pink 08527
clear 08524
red 08548
orange 08915
green 08547

IMPRESSION COPING

08505

ABUTMENT ANALOG

08530

INDIVIDUAL PROSTHETIC SOLUTIONS

LASAK CADCAM BRIDGES AND ABUTMENTS

CAST-ON ABUTMENTS

d3.9
2154.00

d3.9
2185.00

TEMPORARY ABUTMENTS

d4.0
1.0 mm 2127.01
3.0 mm 2127.03

B d4.0
1.0 mm 2128.01
3.0 mm 2128.03

LASAK CADCAM ABUTMENTS

d3.7
0.8 mm 2159.00
2.0 mm 2159.20

d3.7
0.8 mm 2186.00
2.0 mm 2186.20

B d3.7
0.4 mm 2158.00
2.0 mm 2158.20

PREMILL ABUTMENTS

2184.00
2196.00

Ti BASE CEREC

2183.00

Spare abutment screws for the blue QR prosthetic platform may be ordered separately under Ref. No. 2103.00.
Spare Screw-On bridge screws may be ordered separately under Ref. No. 2106.00.

Packaging

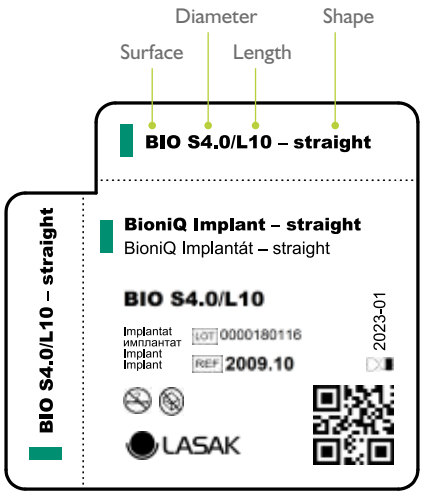
Marking and packaging of the products

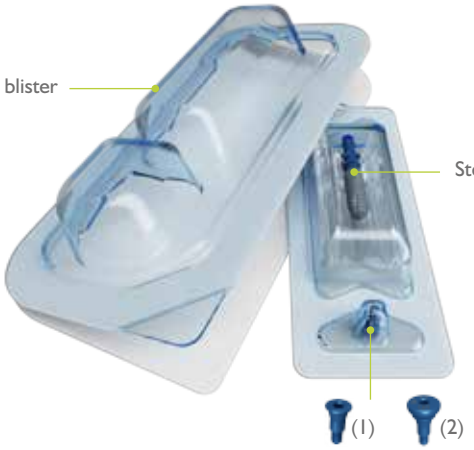
The implants are supplied sterile in two blisters and an outer paper box. The transparent blister allows the visual checking of the product before its use. There is a label on the back of the blister with implant information and labels which should be fixed onto the patient documentation. The paper box has a label, too, (see the picture below).
The instruments and prosthetic components are supplied decontaminated but not sterile. For an example of the label, see the picture below.

LABEL ON THE OUTSIDE PACKAGING OF THE IMPLANT

Shape: S – Straight self-tapping implants
T – Tapered self-tapping implants

Implant specification:





The BioniQ implant package contains a sterile cover screw (1). The BioniQ Plus implant package contains a sterile gingiva former (2).

LABEL ON THE OUTSIDE PACKAGING OF THE PROSTHETIC COMPONENT

Specification:

Anti-rotation/bridge component

Implants for every situation

BioniQ is a comprehensive dental implant system that is able to provide treatment in every situation. The system comprises BioniQ implants inserted at the level of the bone and BioniQ Plus implants allowing insertion at the level of soft tissues. In both cases, they start with a diameter as small as 2.9 mm. All implants are fitted with a unique hydrophilic BIO-surface.

BioniQ

BioniQ implants offer a unique complex of benefits based on many years' research and development accentuating simplicity and economic effectiveness. The screw shape of the implants ensures a high level of stability of the inserted implant together with maximum preservation of the bone tissue structure. Insertion is fast and easy. BioniQ implants are available in conical Tapered and cylindrical Straight versions. The hydrophilic and bioactive surface of the implant speeds up the healing process and enables the formation of a strong bond between the bone and the implant surface.

BioniQ S2.9

BioniQ S2.9 narrow implants offer the optimal solution in situations where treatment using conventional implants is difficult or even impossible. They are most frequently used in the frontal area with insufficient bone tissue available or with a small gap between teeth or implants. S2.9 implants are manufactured from grade 4 high-strength pure titanium and are treated – as are all BioniQ implants – with a hydrophilic nanostructured BIO-surface.

BioniQ PLUS

The BioniQ Plus implant is a one-stage implant, primarily, intended to be inserted into the distal area. It is also advantageous for use in areas with a narrow alveolus without the necessity of bone augmentation and in areas with a relative lack of vertical bone dimension. The BioniQ Plus implant has a machined collar with a height of 1.7 mm. It is fully compatible with all the instruments and prosthetic components of the QR and QN platforms of the BioniQ implant system. The intraosseous section of the implant is provided with a BIO-surface, which ensures the excellent osseointegration that is a characteristic of all BioniQ implants.

BioniQ implants

- Unique hydrophilic, nanostructured, bioactive titanium surface
- Built-in platform shifting for tissue volume and stability
- S2.9 implants are manufactured from high-strength pure titanium

Premium high-strength Grade 4 titanium, from US suppliers, is used in the production of LASAK S2.9 implants. The titanium material conforms to the LASAK Corporate Standard requiring material properties significantly superior to those specified in the common standard, (ISO 5832-2). Excellent results in normative tests are achieved by combining premium high-strength materials with an original verified design.

S2.9

BioniQ implants Ø 2.9 mm

	L10	L12	L14	L16
BIO S2.9	2003.10	2003.12	2003.14	2003.16

S3.5

BioniQ implants Ø 3.5 mm

	L8	L10	L12	L14	L16
BIO S3.5	2006.08	2006.10	2006.12	2006.14	2006.16

T4.0 S4.0

BioniQ implants Ø 4.0 mm

	L6.5	L8	L10	L12	L14	L16
BIO T4.0		2012.08	2012.10	2012.12	2012.14	2012.16
BIO S4.0	2009.06	2009.08	2009.10	2009.12	2009.14	2009.16

T5.0 S5.0

BioniQ implants Ø 5.0 mm

	L6.5	L8	L10	L12	L14
BIO T5.0		2020.08	2020.10	2020.12	2020.14
BIO S5.0	2017.06	2017.08	2017.10	2017.12	2017.14

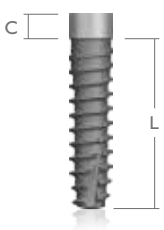
S – Straight self-tapping titanium implants with bioactive surface
T – Tapered self-tapping titanium implants with bioactive surface

The BioniQ implant package includes a sterile cover screw.
Spare cover srew for S2.9 implants may be ordered separately under Ref. No. 2164.00.
Spare cover srew for S3.5, S4.0, T4.0, S5.0 and T5.0 implants may be ordered separately under Ref. No. 2107.00.

- Machined collar 1.7 mm
- Intraosseous section with a BIO-surface
- Fully compatible with all the instruments and prosthetic components of the QR and QN platforms of the BioniQ implant system.

The BioniQ Plus implant is a one-stage implant implant, primarily, intended to be inserted into the distal area. It is also advantageous for use in areas with a narrow alveolus without the necessity of bone augmentation, and in areas with a relative lack of vertical bone dimension. The smooth collar of the BioniQ Plus implant allows the implant to be conveniently positioned in a vertical direction in such a manner that its BIO-surface is always submerged into the bone, avoiding potential microbial colonisation.

S2.9



BioniQ Plus implants Ø 2.9 mm

	L10	L12	L14
BIO S2.9/C1.7	2026.10	2026.12	2026.14

S3.5

BioniQ Plus implants Ø 3.5 mm

	L8	L10	L12	L14
BIO S3.5/C1.7	2027.08	2027.10	2027.12	2027.14

S4.0

BioniQ Plus implants Ø 4.0 mm

	L6.5	L8	L10	L12	L14
BIO S4.0/C1.7	2028.06	2028.08	2028.10	2028.12	2028.14

S5.0

BioniQ Plus implants Ø 5.0 mm

	L6.5	L8	L10	L12	L14
BIO S5.0/C1.7	2029.06	2029.08	2029.10	2029.12	2029.14

S – Straight self-tapping titanium implants with bioactive surface
C – height of the machined collar of the implant

The BioniQ Plus implant package includes a sterile gingiva former – bridge with a height of 2.0 mm.
Cover srew for S2.9 implants may be ordered separately under Ref. No. 2164.00.
Cover srew for S3.5, S4.0 and S5.0 implants may be ordered separately under Ref. No. 2107.00.

Prosthetic platforms

QN prosthetic platform

Yellow-colored prosthetic QN components (Q-Lock Narrow) are intended for narrow S2.9 BioniQ and BioniQ Plus implants.

Indexed components with internal conical connection.

Non-indexed components with internal conical connection. Abutments marked with this symbol are not suitable for single tooth restoration.

QR prosthetic platform

Blue-colored universal QR prosthetic platform (Q-Lock Regular) for BioniQ implants (S3.5, T4.0, S4.0, T5.0, S5.0) and BioniQ Plus implants (S3.5, S4.0, S5.0).

- Logistic ease
- Ease of use and efficiency

Indexed components with internal conical connection.

Non-indexed components with internal conical connection. Abutments marked with this symbol are not suitable for single tooth restoration.

B

Bridge components with external platform. Abutments marked with this symbol are not suitable for single tooth restoration or linear anchored bridge.

Gingiva formers

- Optimal soft tissue management
- Suitable for one- and two-stage protocol
- Color coding and laser marking

Gingiva formers – narrow

		L2	L4	L6
QR/d4.2	●	2109.02	2109.04	2109.06
QN/d3.9	●	2166.02	2166.04	2166.06

Gingiva formers – wide

		L2	L4	L6
QR/d5.2	●	2110.02	2110.04	2110.06
QN/d4.6	●	2167.02	2167.04	2167.06

new

Gingiva formers – extra wide

		L4	L6
QR/d7.0	●	2111.04	2111.06

Gingiva formers – bridge

		L2	L4	L6
QR/B/d4.9	B	2116.02	2116.04	2116.06

new

Gingiva formers – individual

When maximum aesthetics are required, a site after oncological treatment, or another specific case, is restored, the usual system gingiva formers may not be entirely suitable. Gingiva formers – individual for LASAK BioniQ, will be manufactured according to your exact specification. The delivery time for the individual gingiva formers is 3 weeks after confirmation of your order.	GF-X

Throughout the catalog the abbreviations d and L are used as follows:
d – relates to the actual diameter,
L – relates to the actual marked dimension (usually shows length or height).

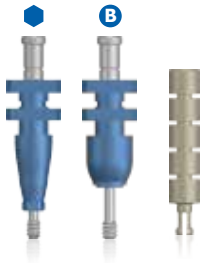
The gingiva former should extend over the edge of the adapted soft tissue by 1.0 to 2.0 mm, thus preventing the gingiva former becoming covered by edematous tissue during the post-operative period. The gingiva former's diameter must match the diameter of the abutment to be used for the final restoration.

Tightening torque of gingiva former is 5–10 Ncm – light finger force.

● **QR platform, non-indexed components** Ⓑ **QR platform, bridge components**
● **QN platform, non-indexed components**

Impression and laboratory components

- Easy selection of prosthetic components in laboratory
- Optional shortening of impression post is possible
- Trouble-free impression of heavily disparallel implants



Open tray impression posts

QR	⬢	2704.00
QR/B – bridge	Ⓑ	2705.00
QN	⬡	2715.00
Pin extension for open tray impression components, set of 5 pcs.*		2718.05

* Suitable for use with QR open tray impressions posts (Ref. No. 2704.00 and 2705.00) and QN open tray impressions posts (Ref. No. 2715.00) and Screw-On open tray impression coping (Ref. No. 2719.00).

Closed tray impression posts

QR	⬢	2708.00
QN	⬡	2716.00
Spare cap (for closed tray impression post), QR, set of 5 pcs.	⬢	2708.53
Spare cap (for closed tray impression post), QN, set of 5 pcs.	⬡	2716.53

Laboratory components

Implant analog, QR	⬢	2803.00
Implant analog, QR, set of 5 pcs.	⬢	2803.05
Implant analog – 3D print, QR	⬢	2858.00
Implant analog, QN	⬡	2836.00
Implant analog, QN, set of 5 pcs.	⬡	2836.05
Implant analog – 3D print, QN	⬡	2859.00
Lab pin, QR	●	2833.00
Lab pin, QR, set of 5 pcs.	●	2833.05
Lab pin, QN	●	2841.00
Lab pin, QN, set of 5 pcs.	●	2841.05
Abutment screw, QR		2103.00
Abutment screw, QN		2191.00

Implant analog – 3D print can be used for fully digital and conventional workflow.

Tightening torque of impression components is 5–10 Ncm – light finger force.

⬢ **QR platform, non-indexed components** ● **QR platform, non-indexed components** Ⓑ **QR platform, bridge components**
⬡ **QN platform, indexed components** ● **QN platform, non-indexed components**

Esthetic abutments for cemented restorations

- Supplied as a set containing healing cap plus impression and burn-out copings
- Easy and straightforward impression
- Allows chair-side selection of the best suitable abutment

The STANDARD abutment is supplied as a set containing healing cap plus impression and burn-out copings. The STANDARD abutment analog is not included in the set.

STANDARD abutments – straight

		L1	L2	L3	L4
QR/d5.0 – wide, set with copings	⬢	2133.01	2133.02	2133.03	2133.04
QR/d4.0 – narrow, set with copings	⬢	2129.01	2129.02	2129.03	2129.04
QN/d4.0 – narrow, set with copings	⬡	2169.01	2169.02	2169.03	2169.04

Spare abutment screws may be ordered separately under Ref. No. 2103.00 for the blue QR prosthetic platform and under Ref. No. 2191.00 for the yellow QN prosthetic platform.

STANDARD healing cap

QR/d5.0 – wide, set of 2 pcs.	●	2118.00
QN/d4.0 – narrow, set of 2 pcs.	●	2168.00

STANDARD impression coping

QR/d5.0 – wide, set of 2 pcs.	⬢		2702.00
QN/d4.0 – narrow, set of 2 pcs.	⬢	⬡	2714.00

STANDARD burn-out coping

QR/d5.0 – wide, set of 2 pcs.	⬢	2809.00
QN/d4.0 – narrow, set of 2 pcs.	⬡	2863.00

STANDARD abutment analog

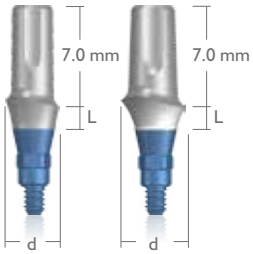
QR/d5.0 – wide	⬢	2806.00
QR/d5.0 – wide, set of 5 pcs.	⬢	2806.05
QN/d4.0 – narrow	⬡	2862.00
QN/d4.0 – narrow, set of 5 pcs.	⬡	2862.05

Use a new abutment screw for the final abutment tightening.
Tightening torque of abutment screw is 25 Ncm.

⬢ **QR platform, indexed components**
⬡ **QN platform, indexed components**

STANDARD abutments for cemented restorations

- Robust design with two guide slots
- Emergence profile similar to a natural tooth
- The height of the abutment shoulder is from 0.7 mm



Esthetic abutments – straight

		L0.7	L1.5	L3.0
QR/d3.9 – narrow	⬢	2137.07	2137.15	2137.30
QR/d5.2 – wide	⬢	2140.07	2140.15	2140.30
QN/d3.8 – narrow	⬡	2170.07	2170.15	2170.30

Spare abutment screws may be ordered separately under Ref. No. 2103.00 for the blue QR prosthetic platform and under Ref. No. 2191.00 for the yellow QN prosthetic platform.

Esthetic abutments – angled

		L0.7	L1.5	L3.0
QR/d3.9/15° – narrow	⬢	2138.07	2138.15	2138.30
QR/d3.9/25° – narrow	⬢	2139.07	2139.15	2139.30
QR/d5.2/15° – wide	⬢	2141.07	2141.15	2141.30
QR/d5.2/25° – wide	⬢	2143.07	2143.15	2143.30
QN/d3.8/15° – narrow	⬡	2171.07	2171.15	2171.30

Spare abutment screws may be ordered separately under Ref. No. 2103.00 for the blue QR prosthetic platform and under Ref. No. 2191.00 for the yellow QN prosthetic platform.

Temporary abutments

		L1	L3
QR/d4.0 – indexed	⬢	2127.01	2127.03
QR/NI/d4.0 – non-indexed	●	2200.01	2200.03
QR/B/d4.0 – bridge	B	2128.01	2128.03
QN/d3.8 – indexed	⬡	2125.01	2125.03
QN/NI/d3.8 – non-indexed	●	2126.01	2126.03

Spare abutment screws may be ordered separately under Ref. No. 2103.00 for the blue QR prosthetic platform and under Ref. No. 2191.00 for the yellow QN prosthetic platform.

Use a new abutment screw for the final abutment tightening.
Tightening torque of abutment screw is 25 Ncm.

⬢ **QR platform, indexed components** ● **QR platform, non-indexed components**
⬡ **QN platform, indexed components** ● **QN platform, non-indexed components**

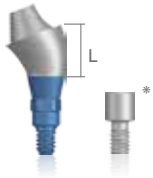
Abutments for screw-retained restorations

- Easily revisable restoration
- One screwdriver fits all screws: bridge screws as well as all other BioniQ screws
- Realiable treatment of disparallel implants

Screw-On abutments – straight

	L1	L2	L3	L4
QR/d4.6	2148.01	2148.02	2148.03	2148.04
QN/d4.6	2177.01	2177.02	2177.03	2177.04

A Screw-On bridge screw is delivered with the abutment.
*Spare Screw-On bridge screws may be ordered separately under Ref. No. 2106.00.



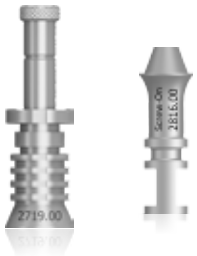
Screw-On abutments – angled

	L3	L4	L5
QR/d4.6/20°	2149.03	2149.04	2149.05
QR/d4.6/30°		2150.04	2150.05
QN/d4.6/20°	2178.03	2178.04	2178.05

The difference between the highest and lowest point of the abutment shoulder is 1.6 mm for the 20° abutment and 2.3 mm for the 30° abutment. A Screw-On bridge screw and abutment screw are delivered with the abutment. Spare abutment screws may be ordered separately under Ref. No. 2103.00 for the blue QR prosthetic platform and under Ref. No. 2191.00 for the yellow QN prosthetic platform.
*Spare Screw-On bridge screws may be ordered separately under Ref. No. 2106.00.

Screw-On healing cap

d4.6	2120.00



Impression and laboratory components

Screw-On impression coping for open tray, d4.6	2719.00
Screw-On impression coping for closed tray, d4.6	2717.00
Spare cap (for Screw-On closed tray impression coping), set of 5 pcs.	2717.53
Pin extension for open tray impression components, set of 5 pcs.	2718.05
Screw-On burn-out coping, d4.6	2811.00
Screw-On burn-out coping, d4.6, set of 5 pcs. (without screws)	2811.05
Screw-On burn-out coping, d4.6 with CoCr base	2871.00
Screw-On abutment analog, d4.6	2816.00
Screw-On abutment analog – 3D print, d4.6	2860.00

A Screw-on bridge screw is delivered with the burn-out coping.* Spare Screw-On bridge screws may be ordered separately under Ref. No. 2106.00. Abutment analog – 3D print can be used for fully digital and conventional workflow.

new

Screw-On temporary coping

d4.6	2231.00
d4.6, set of 5 pcs. (without screws)	2231.05

A Screw-on bridge screw is delivered with the temporary coping.
* Spare Screw-On bridge screws may be ordered separately under Ref. No. 2106.00.

new

Screw-On Ti base

d4.6/d5.0	2207.00
d4.6/d5.0, set of 5 pcs. (without screws)	2207.05

*A Screw-On bridge screw is delivered with the Ti base. Spare Screw-On bridge screws may be ordered separately under Ref. No. 2106.00.

For tightening straight Screw-On abutments, use one of the insertion wrenches on page 33. Please, note that the insertion wrench – mechanical, short is not suitable for tightening Screw-On abutments.
Tightening torque of abutment screw is 25 Ncm. Tightening torque of Screw-On bridge screw is 15 Ncm. Tightening torque of impression components is 5–10 Ncm – light finger force.

QR platform, indexed components · **QR platform, non-indexed components**
QN platform, indexed components · **QN platform, non-indexed components**

The Screw-On abutment is not suitable for single tooth restoration.

LOCATOR attachments

- High dual retention
- Self-aligning feature
- Minimal vertical height

The diameter of the LOCATOR attachment is 3.85 mm. In the case of even minimal override of marginal bone to the implant platform make sure to remove it. 1.5 mm of the bronze-colored LOCATOR part should remain supragingival to be able to retain the over-denture.

LOCATOR attachments

		L0.5	L1.0	L2.0	L3.0	L4.0	L5.0	L6.0
QR	●	01284	01285	01286	01287	01288	01289	01290
QN	●		02119	02120	02121	02122	02123	02124

LOCATOR processing package

LOCATOR processing package (denture cap, black processing insert, set of retentive inserts, block-out spacer), 2 pcs. of each type	08519-2

LOCATOR replacement inserts

blue 680 g, set of 4 pcs.	08529
pink 1,361 g, set of 4 pcs.	08527
clear 2,268 g, set of 4 pcs.	08524
red 680 g, extended range, set of 4 pcs.	08548
orange 907 g, extended range, set of 4 pcs.	08915
green 1,814 g, extended range, set of 4 pcs.	08547

For implant disparallelity over 10° (max. 20°) use an extended range insert.

Instruments

LOCATOR driver	08913
LOCATOR core tool	08393

Impression and laboratory components

LOCATOR impression coping, set of 4 pcs.	08505
LOCATOR abutment analog, set of 4 pcs.	08530

Tightening torque of LOCATOR attachment is 25 Ncm.

● **QR platform, non-indexed components**
● **QN platform, non-indexed components**

LASAK CadCam bridges and abutments

LASAK CadCam bridges and abutments are available for these implant systems: LASAK BioniQ and IMPLADENT, Astra Tech®, Nobel Biocare Conical Connection, NobelReplace®, Straumann® Bone Level and synOcta®. LASAK CadCam superstructures connecting at the abutment level are not available for the Astra Tech®, Nobel Biocare Conical Connection, NobelReplace®, Straumann® Bone Level and synOcta® systems.

LASAK CadCam bridges

	Pontic	Implant-supported unit	Abutment-supported unit
Ti, Co-Cr	D01	D02	D06
ZrO_2*	D07	D08	D17
SCAN/CAD		D10	

The price of the superstructure for the LASAK BioniQ and IMPLADENT, Astra Tech®, Nobel Biocare Conical Connection, NobelReplace®, Straumann® Bone Level and synOcta® systems includes the fixing screws connecting to implant. The price applies when STL data has been supplied.
* The ZrO_2 superstructures are delivered with the Ti bases. D06 is available for Screw-On abutments in the LASAK BioniQ system and for abutments for screw-retained restorations in the LASAK IMPLADENT system, excluding TS abutments. D17 is available for Screw-On abutments in the LASAK BioniQ system.

LASAK CadCam overdenture bars (CEKA PRECI-HORIX / DOLDER – U, EGG / LOCATOR) – Ti, Co-Cr

	STL	PRECISION
BAR 2 – implant-supported overdenture bar (2 implants)	D11	D14
BAR 3 – implant-supported overdenture bar (3 implants)	D12	D15
BAR 4 – implant-supported overdenture bar (4 and more implants)	D13	D16
Attachment LOCATOR, Bar Female M2.0, set of 2 pcs.	08589-2	

The price of the superstructure for the LASAK BioniQ and IMPLADENT, Astra Tech®, Nobel Biocare Conical Connection, NobelReplace®, Straumann® Bone Level and synOcta® systems includes the fixing screws connecting to the implant.
STL – The price applies when manufacturing the superstructure using supplied digital data.
PRECISION – The price applies when manufacturing the superstructure using a supplied master cast.

LASAK CadCam bridges, copings – cement-retained

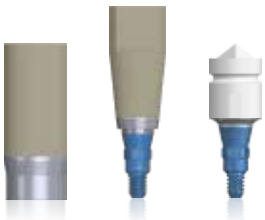
Ti, Co-Cr	D05
ZrO_2	D09
SCAN/CAD	D10

The price applies when STL data has been supplied.

LASAK CadCam custom abutments

Ti, Co-Cr	D03
ZrO_2*	D04
SCAN/CAD	D10

* Is delivered with the Ti base.
Custom abutments always contain compatible abutment screws connecting to the implant. The price applies when STL data has been supplied.



BioniQ scanbodies

QR, indexed – short	⬢	2856.00
QR, indexed – narrow	⬢	2876.00
QN, indexed – short	⬡	2870.00
QN, indexed – narrow	⬡	2877.00
Screw-On – long		2835.00

For more information, please ask for the LASAK CadCam leaflet and price list.

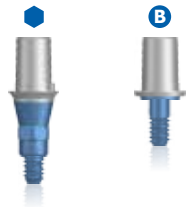
When tightening the fixing screw, it is necessary to follow the recommendations issued by the manufacturer of the respective implant system.

⬢ **QR platform, indexed components**
⬡ **QN platform, indexed components**

LASAK CadCam abutments

LASAK CadCam abutments

In cooperation with ZFX, LASAK CadCam abutments have been developed with an optimized abutment shoulder and with an optimized gingival emergence profile respecting the healing abutments of the original systems.



LASAK CadCam abutments for LASAK BioniQ (Ti base)

		L0.4	L0.8	L2
QR/d3.7, indexed	⬢		2159.00	2159.20
QR/NI/d3.7, non-indexed	●		2186.00	2186.20
QR/B/d3.7, bridge	Ⓑ	2158.00		2158.20
QN/d3.7, indexed	⬢		2181.00	2181.20
QN/NI/d3.7, non-indexed	●		2189.00	2189.20
new Screw-On d4.6/5.0*		2207.00		
new Screw-On d4.6/d5.0, set of 5 pcs. (without screws)		2207.05		

*A Screw-On bridge screw is delivered with the Ti base.
Spare Screw-On bridge screws may be ordered separately under Ref. No. 2106.00.

LASAK CadCam abutments for LASAK IMPLADENT (Ti base)

D3.7, with octagon	●	1128.00
D3.7, without octagon	●	1107.00
D2.9, with octagon	●	1131.00
D2.9, without octagon	●	1108.00

Superstructure fixation screws

LASAK BioniQ QR	●	2103.00
LASAK BioniQ QN	●	2191.00
LASAK BioniQ Screw-On		2106.00
LASAK IMPLADENT D3.7	●	552.3
LASAK IMPLADENT D2.9	●	752.3
LASAK IMPLADENT, bridge screw	● ●	1641.3
Astra Tech, ATS M1.4 (for 3.0)		9115.00
Astra Tech, ATS M1.6 (for 3.5/4.0)		9038.00
Astra Tech, ATS M2.0 (for 4.5/5.0)		9039.00
NobelActive (Conical Connection), NBA M1.6 (for NP)		9046.00
NobelActive (Conical Connection), NBA M2.0 (for RP)		9047.00
NobelReplace, NBR M1.8 (for NP)		9001.00
NobelReplace, NBR M2.0 (for RP, WP, 6.0)		9002.00
Straumann Bone Level, SBL M1.6 (for NC)		9033.00
Straumann Bone Level, SBL M1.6 (for RC)		9034.00
Straumann synOcta, SSO M1.8 (for NN)		9054.00
Straumann synOcta, SSO M2.0 (for RN, WN)		9011.00
CAMLOG, CA-CA M1.6 (for 3.3, 3.8, 4.3)		9209.00
CAMLOG, CA-CA M2.0 (for 5.0, 6.0)		9210.00

A fixing screw is delivered with the LASAK CadCam abutments.
When tightening the fixing screw, it is necessary to follow the recommendations issued by the manufacturer of the respective implant system.

● Platform 2.9 ⬢ QR platform, indexed components ● QR platform, non-indexed components Ⓑ QN platform, bridge components
● Platform 3.7 ⬢ QN platform, indexed components ● QN platform, non-indexed components

LASAK CADCAM BRIDGES AND ABUTMENTS

- High precision – perfect, passive fit
- Time- and cost-effective
- Direct fixation to implants without abutments
- Homogenous structure – free of internal defects

CUSTOMIZABLE LASAK CAST-ON ABUTMENTS

- Anatomically optimal solution
- Case specific angulation
- Cobalt-chrome, nickel-free alloy base
- Suitable for cemented as well as screw-retained restorations

Cast-On

Customizable prosthetic solutions

The customizable LASAK Cast-On abutment is a universal easy-to-process solution for implant-supported restorations. It consists of a prefabricated, cobalt-chrome, nickel-free alloy base, a plastic modeling sleeve and a fixing screw. The Cast-On abutment enables prosthetic restorations even in cases where the usual system abutments cannot be used.

Cast-On abutments for LASAK BioniQ

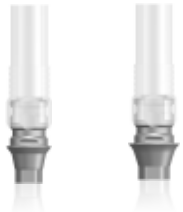
QR/d3.9, indexed	⬢	2154.00
QR/NI/d3.9, non-indexed	●	2185.00
QN/d3.8, indexed	⬢	2179.00
QN/NI/d3.8, non-indexed	●	2188.00

Cast-On abutment for LASAK IMPLADENT

D3.7, with octagon	●	1161.00

Cast-On abutments, compatible with Astra Tech®

ATS 3.5/4.0, indexed	9304.00
ATS 3.5/4.0, non-indexed	9318.00
ATS 4.5/5.0, indexed	9305.00
ATS 4.5/5.0, non-indexed	9319.00



Cast-On abutments, compatible with Nobel Biocare Conical Connection

NBA NP, indexed	9312.00
NBA NP, non-indexed	9320.00
NBA RP, indexed	9313.00
NBA RP, non-indexed	9321.00

All Cast-On abutments are supplied with a system-compatible abutment screw.
When tightening the abutment screw, it is necessary to follow the recommendations issued by the manufacturer of the respective implant system.

● Platform 3.7

● QR platform, non-indexed components ⬢ QR platform, indexed components
● QN platform, non-indexed components ⬢ QN platform, indexed components

Cast-On

Cast-On abutments, compatible with NobelReplace®

NBR NP, indexed	9306.00
NBR NP, non-indexed	9322.00
NBR RP, indexed	9300.00
NBR RP, non-indexed	9323.00
NBR WP, indexed	9301.00
NBR WP, non-indexed	9324.00

Cast-On abutments, compatible with Straumann® Bone Level

SBL NC, indexed	9310.00
SBL NC, non-indexed	9325.00
SBL RC, indexed	9311.00
SBL RC, non-indexed	9326.00

Cast-On abutments, compatible with Straumann® synOcta®

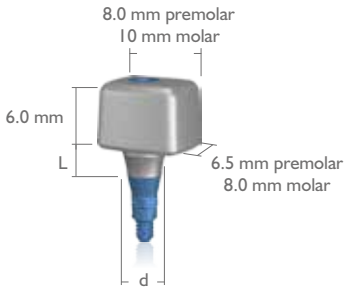
SSO RN, indexed	9302.00
SSO RN, non-indexed	9327.00
SSO WN, indexed	9303.00
SSO WN, non-indexed	9328.00

All Cast-On abutments are supplied with a system-compatible abutment screw.
When tightening the abutment screw, it is necessary to follow the recommendations issued by the manufacturer of the respective implant system.

Special abutments

Ortho-abutments

BioniQ ortho-abutments with the bonding base are offered for anchoring orthodontic apparatus in combination with the usual BioniQ implants. The abutments are provided in two gingival heights: L2 and L4 mm. They feature a special locking profile which enables the desired positioning of the eccentric bonding base. Simple anchoring of the orthodontic brackets is ensured by the favourable surface shaping.



Ortho-abutments

		L2	L4
QR – premolar	⬢	2194.02	2194.04
QR – molar	⬢	2195.02	2195.04

Each package contains the abutment, the bonding base and a fixing screw. Spare screws for ortho-abutments may be ordered separately under Ref. No. 2193.02 for gingival height L2 and under Ref. No. 2193.04 for gingival height L4.
Only dedicated screws for ortho-abutments can be used for their fixation.

Premill abutments for LASAK BioniQ

QR, NT – Ti	⬢	2184.00
QN, NT – Ti	⬡	2187.00
QR, AG – Ti	⬢	2196.00
QN, AG – Ti	⬡	2197.00

Spare abutment screws may be ordered separately under Ref. No. 2103.00 for the blue QR prosthetic platform and under Ref. No. 2191.00 for the yellow QN prosthetic platform. Premill abutment AG is compatible with Amann Girrbach holder, Premill abutment NT is compatible with nt-trading holder.

Ti base CEREC®

QR/inCoris ZI meso L	⬢	2183.00
QN/inCoris ZI meso S	⬡	2198.00

Ti base CEREC QR is compatible with Sirona inCoris ZI meso L scanbodies and blocks. Ti base CEREC QN is compatible with Sirona inCoris ZI meso S scanbodies and blocks.

CEREC® components

Scanbody CEREC, indexed – Bluecam/L		2821.00
Scanbody CEREC, indexed – Bluecam/S		2864.00
ScanPost CEREC QR/L	⬢	2204.00
ScanPost CEREC QN/S	⬡	2203.00

Tightening torque of abutment screw is 25 Ncm.

⬢ **QR platform, indexed components**
⬡ **QN platform, indexed components**

Planning of the restoration on the master cast

The BioniQ prosthetic planning kit allows for the optimal planning of the restoration with BioniQ and BioniQ Plus implants on the model. The kit contains plastic abutments in all available gingival heights, widths and angulations. They can be placed easily without screwing on the implant analogs. This gives the dentist and dental technician the greatest flexibility in cooperative planning and also minimizes the number of components that need to be stocked.

If you don't find a suitable abutment in this kit, please use the individual solutions: LASAK CadCam or Cast-On abutments.

Prosthetic planning kit

Prosthetic planning kit, incl. plastic abutments – 4 pcs. of each type (total 192 pcs.)	2822.00

SPARE PLASTIC ABUTMENTS

Prosthetic planning kit – plastic esthetic abutments

		L0.7	L1.5	L3.0
QR/d3.9 – straight, narrow	⬢	2827.07	2827.15	2827.30
QR/d3.9/15° – angled, narrow	⬢	2828.07	2828.15	2828.30
QR/d3.9/25° – angled, narrow	⬢	2829.07	2829.15	2829.30
QR/d5.2 – straight, wide	⬢	2830.07	2830.15	2830.30
QR/d5.2/15° – angled, wide	⬢	2831.07	2831.15	2831.30
QR/d5.2/25° – angled, wide	⬢	2832.07	2832.15	2832.30
QN/d3.8 – straight, narrow	⬡	2848.07	2848.15	2848.30
QN/d3.8/15° – angled, narrow	⬡	2849.07	2849.15	2849.30

Prosthetic planning kit – plastic STANDARD abutments

		L1	L2	L3	L4
QR/d5.0 – straight, wide	⬢	2823.01	2823.02	2823.03	2823.04
QN/d4.0 – straight, narrow	⬡	2847.01	2847.02	2847.03	2847.04

Prosthetic planning kit – plastic Screw-On abutments

		L1	L2	L3	L4
QR/d4.6 – straight	●	2834.01	2834.02	2834.03	2834.04
QN/d4.6 – straight	●	2854.01	2854.02	2854.03	2854.04

Prosthetic planning kit – plastic Screw-On abutments

		L3	L4	L5
QR/d4.6/20° – angled	⬢	2837.03	2837.04	2837.05
QR/d4.6/30° – angled	⬢		2838.04	2838.05
QN/d4.6/20° – angled	⬡	2855.03	2855.04	2855.05

⬢ QR platform, indexed components ● QR platform, non-indexed components
⬡ QN platform, indexed components ● QN platform, non-indexed components

Instruments

- Minimized number of instruments
- Intuitive easy-to-follow instrument organizer
- Instruments for both straight and tapered implants in one cassette

BioniQ instrument set

Instruments with organizer in cassette, without drill stops	2908.00
Instruments with organizer in cassette, with drill stops	2922.00

Instruments included

Roundburr	2443.00
Pilot drill d1.5	2446.00
Final drill S2.9 – short, drill stop compatible (DS/C)	2467.00
Depth gauge S2.9	2423.00
Countersink S2.9	2422.00
Threadformer S2.9	2421.00
Final drill S3.5 – short, drill stop compatible (DS/C)	2468.00
Depth gauge S3.5	2428.00
Countersink S3.5	2427.00
Threadformer S3.5	2426.00
Final drill T4.0 – short, drill stop compatible (DS/C)	2471.00
Final drill S4.0 – short, drill stop compatible (DS/C)	2469.00
Depth gauge S4.0/T4.0	2434.00
Countersink S4.0/T4.0	2433.00
Threadformer S4.0/T4.0	2431.00

Final drill T5.0 – short, drill stop compatible (DS/C)	2472.00
Final drill S5.0 – short, drill stop compatible (DS/C)	2470.00
Depth gauge S5.0/T5.0	2440.00
Countersink S5.0/T5.0	2439.00
Threadformer S5.0/T5.0	2438.00
Drill extension, ISO	2445.00
3 × Paralleling pin d1.5/d2.3	2417.00
Screwdriver – short, hex 1.25/L23	2405.00
Screwdriver – long, hex 1.25/L32	2406.00
Unigrip, hex 2.5/ISO/L16	2459.00
Insertion wrench BioniQ – extra short, hex 2.5/L11	2402.00
Insertion wrench BioniQ – long, hex 2.5/L24	2403.00
Insertion wrench BioniQ – mechanical, short, hex 2.5/ISO/L4	2412.00
Ratchet	2408.00
Guide wrench	2410.00

Drill stops included

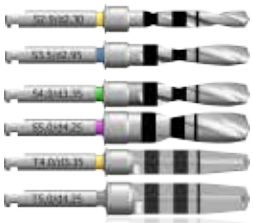
	L6.5	L8	L10	L12	L14
S2.9, S3.5, S4.0, T4.0	2477.00	2476.00	2475.00	2474.00	2473.00
S5.0, T5.0	2482.00	2481.00	2480.00	2479.00	2478.00

For individual offers, please, contact your sales representative or mail us at: export@lasak.cz.

- Color-coded instruments
- Instruments optimized for soft and dense bone preparation
- Instruments optimized for crestal and subcrestal implant insertion

Drills – initial preparation

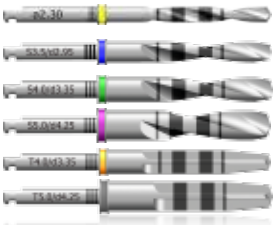
Roundburr	2443.00
Pilot drill d1.5	2446.00



Drills – short, drill stop compatible

Final drill S2.9 – short, drill stop compatible (DS/C)	2467.00
Final drill S3.5 – short, drill stop compatible (DS/C)	2468.00
Final drill S4.0 – short, drill stop compatible (DS/C)	2469.00
Final drill S5.0 – short, drill stop compatible (DS/C)	2470.00
Final drill T4.0 – short, drill stop compatible (DS/C)	2471.00
Final drill T5.0 – short, drill stop compatible (DS/C)	2472.00

Overall length of the short drill is 34 mm. DS/C = drill stop compatible.



Drills – long, drill stop incompatible

Guided drill S2.9 – long (GS)	2485.00
Guided drill S3.5 – long (GS)	2489.00
Guided drill S4.0 – long (GS)	2492.00
Guided drill S5.0 – long (GS)	2495.00
Guided drill T4.0 – long (GS)	2499.00
Guided drill T5.0 – long (GS)	2502.00

Overall length of the long drill is 39.5 mm. GS = guided surgery.

Countersinks

Countersink S2.9	2422.00
Countersink S3.5	2427.00
Countersink S4.0/T4.0	2433.00
Countersink S5.0/T5.0	2439.00

Threadformers

Threadformer S2.9	2421.00
Threadformer S3.5	2426.00
Threadformer S4.0/T4.0	2431.00
Threadformer S5.0/T5.0	2438.00

Paralleling pin

d1.5/d2.3	2417.00

Instruments

Depth gauges

Depth gauge S2.9	2423.00
Depth gauge S3.5	2428.00
Depth gauge S4.0/T4.0	2434.00
Depth gauge S5.0/T5.0	2440.00

Gingival height gauge

Gingival height gauge (QR and QN platforms)	2458.00

Drill stop set

Drill stop set (10 pcs. of drill stops – 1 pc. of each type – and organizer)	2483.00
Organizer for drill stops	2496.00

Drill stops

	L6.5	L8	L10	L12	L14
S2.9, S3.5, S4.0, T4.0	2477.00	2476.00	2475.00	2474.00	2473.00
S5.0, T5.0	2482.00	2481.00	2480.00	2479.00	2478.00

The maximum outer diameter of the S2.9, S3.5, S4.0 and T4.0 drill stops is 4.5 mm.
The maximum outer diameter of the S5.0 and T5.0 drill stops is 5.5 mm.

Drill extension

Drill extension, ISO	2445.00

Not to be used in combination with torque transferring instruments such as insertion wrenches – mechanical.

Trephines

d4.5	2414.3
d6.0	5214.3

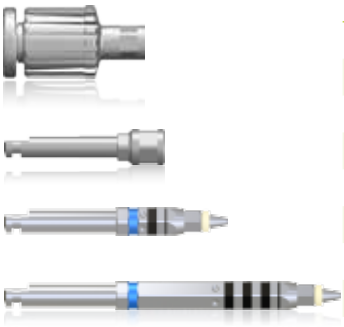
Cover screw mills

QR	2512.00
QN	2511.00

The cover screw mill is intended to remove the bone grown over the implant cover screw submerged into the level of the bone or below it during the healing phase.

Unigrip

The multi-purpose insertion wrench, Unigrip, allows gentle and fast implant insertion into the prepared bone bed, as do the other BioniQ insertion wrenches. Beside this, Unigrip allows all conventional instruments designed to fit a handpiece to be used with the BioniQ ratchet. The hexagon marked on the Unigrip shows the position of the anti-rotation element of the implant during the implant insertion.



Insertion wrenches

Unigrip, hex 2.5/ISO/L16*	2459.00
Insertion wrench BioniQ – extra short, hex 2.5/L11*	2402.00
Insertion wrench BioniQ – long, hex 2.5/L24*	2403.00
Insertion wrench BioniQ – mechanical, short, hex 2.5/ISO/L4	2412.00
Insertion wrench BioniQ – mechanical, long, hex 2.5/ISO/L18*	2444.00
Direct Driver QR – mechanical, short, QR/ISO/L7	2457.07
Direct Driver QR – mechanical, long, QR/ISO/L18	2457.18
Direct Driver QN – mechanical, long, QR/ISO/L18	2454.18

* Insertion wrenches are intended for implant insertion and for tightening straight Screw-On abutments.
The Direct Driver is used for the final correction of the position of an already inserted implant after removal of the implant carrier (alignment of the internal hex or correction of the implant height).

Extend driver

Extend driver	4214.3

Screwdrivers

Screwdriver – extra short, hex 1.25/L17	2404.00
Screwdriver – short, hex 1.25/L23	2405.00
Screwdriver – long, hex 1.25/L32	2406.00
Screwdriver – mechanical, short, hex 1.25/ISO/L11	2413.11
Screwdriver – mechanical, long, hex 1.25/ISO/L21	2413.21

Laboratory screwdriver

Screwdriver BioniQ – laboratory, hex 1.25	2407.00

Ratchet

Ratchet	2408.00

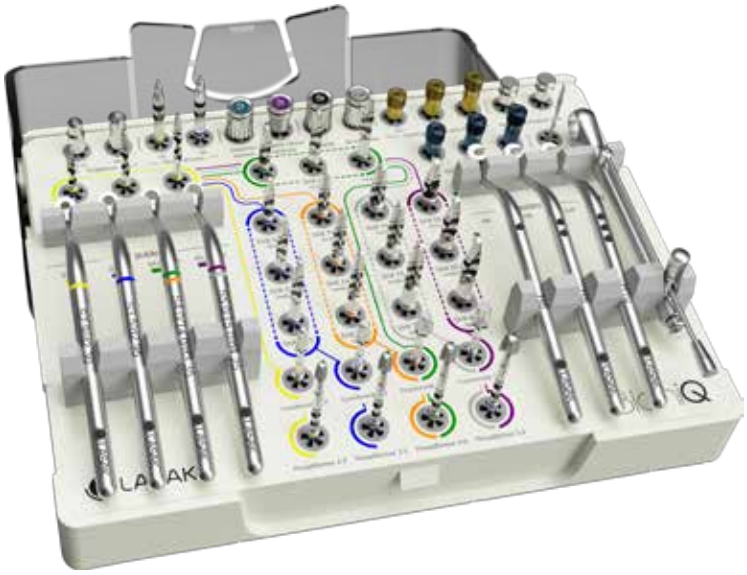
Guide wrench

Guide wrench	2410.00

Fully guided surgery

Instruments for fully guided surgery

- Minimized number of instruments
- Intuitive easy-to-follow instrument organizer
- Compact dimensions for easy sterilization



BioniQ instrument set for fully guided surgery

Instruments with organizer in cassette, without S5.0/T5.0 instruments	2923.00
Instruments with organizer in cassette, with S5.0/T5.0 instruments	2925.00

Instruments included

Guided drill S2.9 – short (GS)	2484.00
Guided drill S2.9 – medium (GS)	2486.00
Guided drill S2.9 – long (GS)	2485.00
Drill guide for guided drill S2.9 (GS)	2513.00
Countersink S2.9 for guided surgery (GS)	2504.00
Threadformer S2.9 for guided surgery (GS)	2503.00
Guided drill S3.5 – short (GS)	2487.00
Guided drill S3.5 – medium (GS)	2488.00
Guided drill S3.5 – long (GS)	2489.00
Drill guide for guided drill S3.5 (GS)	2514.00
Countersink S3.5 for guided surgery (GS)	2506.00
Threadformer S3.5 for guided surgery (GS)	2505.00
Guided drill S4.0 – short (GS)	2490.00
Guided drill S4.0 – medium (GS)	2491.00
Guided drill S4.0 – long (GS)	2492.00
Guided drill T4.0 – short (GS)	2497.00
Guided drill T4.0 – medium (GS)	2498.00
Guided drill T4.0 – long (GS)	2499.00
Drill guide for guided drill S4.0/T5.0 (GS)	2515.00
Countersink S4.0/T4.0 for guided surgery (GS)	2508.00
Threadformer S4.0/T4.0 for guided surgery (GS)	2507.00
Guided drill S5.0 – short (GS)	2493.00
Guided drill S5.0 – medium (GS)	2494.00
Guided drill S5.0 – long (GS)	2495.00
Guided drill T5.0 – short (GS)	2500.00

Guided drill T5.0 – medium (GS)	2501.00
Guided drill T5.0 – long (GS)	2502.00
Drill guide for guided drill S5.0/T5.0 (GS)	2516.00
Countersink S5.0/T5.0 for guided surgery (GS)	2510.00
Threadformer S5.0/T5.0 for guided surgery (GS)	2509.00
C-guide for guided surgery, H6 (GS)	2520.00
C-guide for guided surgery, H8 (GS)	2518.00
C-guide for guided surgery, H10 (GS)	2517.00
Trephine for guided surgery, d3.35 (GS)	2521.00
Trephine for guided surgery, d4.65 (GS)	2522.00
Direct Driver QR – mechanical, QR/ISO/L18 (GS)	2531.00
Direct Driver QN – mechanical, QN/ISO/L18 (GS)	2530.00
Insertion wrench BioniQ – hex 2.5/L17.5 (GS)	2528.00
Guided fixation pin – vertical, QR, H6 (GS)	2525.06
Guided fixation pin – vertical, QR, H8 (GS)	2525.08
Guided fixation pin – vertical, QR, H10 (GS)	2525.10
Guided fixation pin – vertical, QN, H6 (GS)	2523.06
Guided fixation pin – vertical, QN, H8 (GS)	2523.08
Guided fixation pin – vertical, QN, H10 (GS)	2523.10
2 × Guided fixation pin – horizontal, d1.3 (GS)	2526.00
Guided drill for fixation pin d1.3 – horizontal (GS)	2527.00
Implant carrier remover (GS)	2529.00
Screwdriver – short, hex 1.25/L23	2405.00
Unigrip, hex 2.5/ISO/L16	2459.00
Ratchet	2408.00

For individual offers, please, contact your sales representative or mail us at: export@lasak.cz.

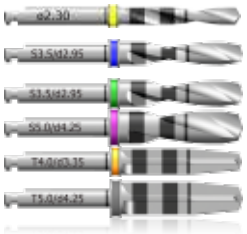
Trephines

Trephine for guided surgery, d3.35 (GS)	2521.00
Trephine for guided surgery, d4.65 (GS)	2522.00

Drill for fixation pin

Guided drill for fixation pin d1.3 – horizontal (GS)	2527.00

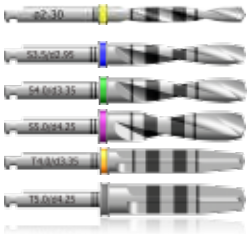
Guided drills – short



Guided drill S2.9 – short (GS)	2484.00
Guided drill S3.5 – short (GS)	2487.00
Guided drill S4.0 – short (GS)	2490.00
Guided drill S5.0 – short (GS)	2493.00
Guided drill T4.0 – short (GS)	2497.00
Guided drill T5.0 – short (GS)	2500.00

Overall length of the short drill is 31.5 mm.

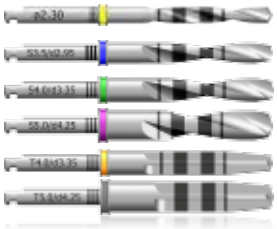
Guided drills – medium



Guided drill S2.9 – medium (GS)	2486.00
Guided drill S3.5 – medium (GS)	2488.00
Guided drill S4.0 – medium (GS)	2491.00
Guided drill S5.0 – medium (GS)	2494.00
Guided drill T4.0 – medium (GS)	2498.00
Guided drill T5.0 – medium (GS)	2501.00

Overall length of the medium drill is 35.5 mm.

Guided drills – long



Guided drill S2.9 – long (GS)	2485.00
Guided drill S3.5 – long (GS)	2489.00
Guided drill S4.0 – long (GS)	2492.00
Guided drill S5.0 – long (GS)	2495.00
Guided drill T4.0 – long (GS)	2499.00
Guided drill T5.0 – long (GS)	2502.00

Overall length of the long drill is 39.5 mm.

Countersinks for guided surgery

Countersink S2.9 for guided surgery (GS)	2504.00
Countersink S3.5 for guided surgery (GS)	2506.00
Countersink S4.0/T4.0 for guided surgery (GS)	2508.00
Countersink S5.0/T5.0 for guided surgery (GS)	2510.00

Instruments for fully guided surgery will be available in Q3 2020.

Fully guided surgery

Threadformers for guided surgery

Threadformer S2.9 for guided surgery (GS)	2503.00
Threadformer S3.5 for guided surgery (GS)	2505.00
Threadformer S4.0/T4.0 for guided surgery (GS)	2507.00
Threadformer S5.0/T5.0 for guided surgery (GS)	2509.00

Drill guides

Drill guide for guided drill S2.9 (GS)	2513.00
Drill guide for guided drill S3.5 (GS)	2514.00
Drill guide for guided drill S4.0/T4.0 (GS)	2515.00
Drill guide for guided drill S5.0/T5.0 (GS)	2516.00

C-guides

C-guide for guided surgery, H6 (GS)	2520.00
C-guide for guided surgery, H8 (GS)	2518.00
C-guide for guided surgery, H10 (GS)	2517.00

Fixation pins

Guided fixation pin – vertical, QR, H6 (GS)	●	2525.06
Guided fixation pin – vertical, QR, H8 (GS)	●	2525.08
Guided fixation pin – vertical, QR, H10 (GS)	●	2525.10
Guided fixation pin – vertical, QN, H6 (GS)	●	2523.06
Guided fixation pin – vertical, QN, H8 (GS)	●	2523.08
Guided fixation pin – vertical, QN, H10 (GS)	●	2523.10
Guided fixation pin – horizontal, d1.3 (GS)		2526.00

Insertion wrenches

Insertion wrench BioniQ – hex 2.5/L17.5 (GS)	2528.00
Direct Driver QR – mechanical, QR/ISO/L18 (GS)	2531.00
Direct Driver QN – mechanical, QN/ISO/L18 (GS)	2530.00

Insertion wrench BioniQ (Ref. No. 2528.00) is primary implant insertion instrument.
The Direct Driver is used for the implant insertion after removal of the implant carrier and final correction of the position of an already inserted implant (alignment of the internal hex or correction of the implant height).

Implant carrier remover

Implant carrier remover (GS)	2529.00

Sleeves for guided surgery

Steco sleeve – guide sleeve for fully guided surgery, d5.2 (GS)	M.27.15.D520
Steco sleeve – inner, with depth stop for horizontal fixation pin, d1.3 (GS)	M.27.24.D130L5

Instruments for fully guided surgery will be available in Q3 2020.

● QR platform, non-indexed components
● QN platform, non-indexed components

Pilot guided surgery

Pilot guided surgery uses the BioniQ surgical template only for drilling with pilot guided drills. The preparation using a pilot drill helps to guide other instruments in the desired trajectory. Subsequent bone bed preparation is in accordance with freehand conventional BioniQ surgical procedures, without the use of a surgical template.

The BioniQ system is integrated in widely used software applications. An updated list is available at www.lasak.com.

Sleeve for pilot guided surgery

Steco sleeve – inner, with depth stop, d2.35 (GS)	M.27.24.D235L5

Pressing tool for sleeve insertion

Steco pressing tool for inner sleeve, d2.35 (GS)	M.27.03.E235

Drills for pilot guided surgery

Guided drill S2.9 – short (GS)	2484.00
Guided drill S2.9 – medium (GS)	2486.00
Guided drill S2.9 – long (GS)	2485.00

The overall length of the short guided drill is 31.5 mm, the medium 35.5 mm and the long 39.5 mm.

Instruments

Logically organized instrument cassette

The BioniQ cassette with instrument organizer helps to intuitively arrange the instruments in the correct sequence. The single organizer contains instruments for both straight and tapered BioniQ implants and for straight BioniQ Plus implants. The single guided surgery organizer contains instruments for both straight and tapered BioniQ implants.

Furthermore, it contains all the instruments for prosthetic restoration as well.

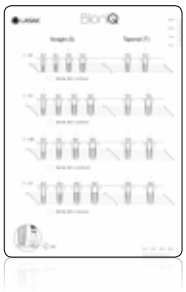
Instrument organizer and cassette

Cassette with organizer for all implant lines – mark 2016	2917.00
Instrument organizer insert for cassette – mark 2016	2918.00
Cassette with organizer for all implant lines – mark 2019 (GS)	2926.00
Instrument organizer insert for cassette – mark 2019 (GS)	2927.00

Dimensions of cassette (including cover) is 185 x 145 x 60 mm.

Prosthetic set

Prosthetic set (Ratchet, Unigrip, insertion wrenches – extra short and long, screwdrivers – short and long)	2904.00



Radiograph template

Radiograph template for BioniQ straight and tapered implants	2906.00

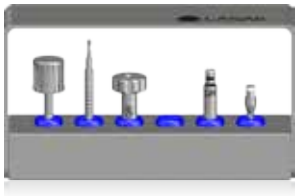
Patient demonstration model set

Patient demonstration model set (scale 2.5:1)	1902.00

Analog holder

Analog holder, BioniQ adapter included	2839.00
BioniQ adapter*	2839.01
IMPLADENT adapters for D2.9 and D3.7 prosthetic platforms	2839.02

*BioniQ adapter is only compatible with implant analogs with Ref. No. 2803.00 and 2836.00.



Broken screw remover set

Screw remover set BioniQ, QR (threadformer, reverse drill, drill guide, claw drill, fragment remover and organizer)	2909.00
Threadformer, QR	2909.01
Reverse drill, QR	2909.02
Drill guide, QR	2909.03
Claw drill, QR	2909.04
Screw remover set BioniQ, QN (threadformer, reverse drill, drill guide, claw drill, fragment remover and organizer)	2919.00
Threadformer, QN	2919.01
Reverse drill, QN	2919.02
Drill guide, QN	2919.03
Claw drill, QN	2919.04
Fragment remover (QR and QN platforms)	2920.00

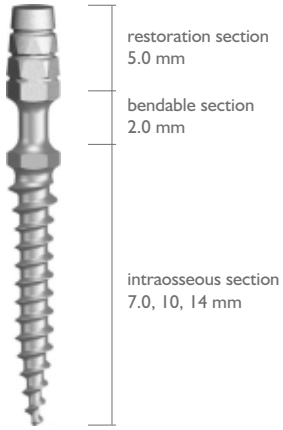
The QR screw remover set is suitable for removing the broken abutment screw of the blue QR prosthetic platform, the QN screw remover set is suitable for removing the broken abutment screw of the yellow QN prosthetic platform. Instructions for the removal of a damaged screw are available at www.lasak.com.

Explantation drills

Explantation drill S2.9	2424.00
Explantation drill S3.5	2429.00
Explantation drill S4.0/T4.0	2436.00
Explantation drill S5.0/T5.0	2442.00

ProImplant

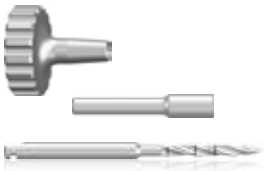
- Immediate provisional restoration
- Easy and straightforward insertion
- Possibility of parallelism correction



The LASAK ProImplant system enables esthetically demanding patients to be provided with a fixed restoration during the healing phase of permanent implants or graft sites. The installation procedure is straightforward and simple using an Unigrip and ratchet or using a ProImplant insertion wrench. After six months at the latest, or as soon as the permanent implants are restored, the ProImplants can be easily removed using the same instruments.

ProImplant – implants

	L7	L10	L14
D2.1	5102.3	6102.3	7102.3



Instruments

Insertion wrench	2344.3
Parallelizer	1324.3
ProImplant – final drill, d1.5	01314.3

Surgical kit – ProImplant

Surgical kit – ProImplant (insertion wrench, parallelizer – 2 pcs., drill)	1134.3

Impression and laboratory components

Closed tray impression coping	133.3
Abutment analog, without retention – narrow	313.3

Communication with patients

Supporting communication materials will help patients understand the issue of dental implant treatment better. Please, ask for the options and conditions of supporting material delivery with your sales representative or contact us by e-mail: info@lasak.com.

POSTER FOR THE WAITING ROOM

Your waiting room is not the only place where this poster can be utilized. Thanks to this visualizations of various dental implant treatment options, it can be used as educational material directly in the dentist's office. The poster dimensions are 420 × 594 mm.

INFORMATION FOR PATIENTS

A twelve-page brochure covering dental implant treatment options that provides patients with key information and answers to frequently asked questions. You can place it in the waiting room or give it to the patient during their treatment consultation.

CARE OF IMPLANTS

The leaflet is particularly useful for a patient who has just undergone dental implant treatment. It clearly explains to the patient what to do immediately after the surgery as well as in the days to come.

LEAFLET STAND

The cardboard stand will help you keep the leaflets in your waiting room tidy.

PATIENT DEMONSTRATION MODEL SET

The scaled up (2.5 : 1) models of implants and prosthetic components will help you explain and visually demonstrate the basic surgical treatment to the patient.

IMPLANT CARE SET

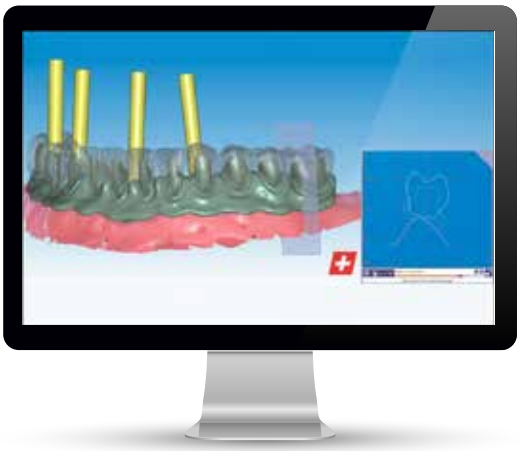
A set of information materials for patients and a Dental Implant Passport. All items are supplied in a premium quality paper folder which can also contain other materials that you might give the patient. Please ask for information on customized solutions available for your surgery from your sales representative.

Digital solutions

LASAK offers a wide range of solutions for digital workflows for your work in both your surgery and dental laboratory. Try the options offered by digital implantology and make your work more effective and easier. Not only you will feel the difference – the advanced procedures will definitely be appreciated by your patients as well.

SUPPORTED PLANNING SOFTWARE APPLICATIONS

Plan your treatment with LASAK components using your planning program. BioniQ implant libraries for planning surgical treatment are available for the leading planning software.



HIGH PRECISION IMPLANT-SUPPORTED SUPERSTRUCTURES DIRECTLY FROM STL

Increase the precision of your implant-supported superstructures. Using the latest available technology and certified materials allows us to achieve structural homogeneity and high precision even in large bridges (e.g. 14 units). Emergence profiles may expand immediately from the implant level, meeting demanding esthetic requirements.

GUIDED SURGERY AND 3D PRINTED MODELS

BioniQ guided surgery is intended for prosthetics driven treatment with BioniQ implants using a surgical template. A surgical template printed on a 3D printer from certified biocompatible materials guides all instruments in precise trajectories and ensures the accurate prosthetic position of implants according to the pre-prepared plan.

- Pilot and fully guided surgery
- From planning to temporary restoration
- Quality support and service

Do you make digital impressions and use 3D printed models instead of traditional plaster ones? Order BioniQ implant analogs for 3D printing.

Technical support is provided by our experts to all our customers free of charge.

LASAK Ltd. offers a twenty-five-year guarantee on all BioniQ system implants. In the case of implant loss or failure within twenty-five years of the implantation date, LASAK Ltd. will replace the implant, including cover screw, free of charge, on condition that: the implant was inserted with the use of original BioniQ system components, and in accordance with the manufacturer's recommendations, instructions and manuals.

GUARANTEE TERMS AND CONDITIONS

Entitlement to guarantee
Claims on the guarantee will be honored providing original surgical and prosthetic components of the BioniQ system were used and the implantation performed in accordance with commonly accepted medical practice and adhering to the manufacturer's instructions and recommendations as published in the manuals and leaflets of LASAK Ltd. Implantations with contraindications, as described in the instructions and manuals of LASAK Ltd., are not covered by the guarantee. The guarantee can be claimed solely by the medical entity that undertook the implantation, it cannot be claimed by the patient or by any other person. Any medical entity that is financially in debt to LASAK Ltd. for delivered goods or services is, however, excluded from this guarantee.

Exclusions
This guarantee does not cover implants that are lost due to:
- a patient's insufficient oral hygiene and/or due to infections,
- a personal accident or a patient's inappropriate behavior,
- overloading.

This guarantee does not cover any provisional implants.

Changes to and termination of this guarantee
LASAK Ltd. reserves the right to make changes to, or to terminate, this guarantee, without prior notice.

How to make a claim under this guarantee
To make a claim under this guarantee, a completed form, "Record of Failed Implant", should be sent, along with the sterilized implant and other components used, to the business address of LASAK Ltd. within 30 days of the implant failure.

The conditions stated above are general and may vary slightly in different countries. The valid conditions of the guarantee for a given country will be provided by the representative of LASAK Ltd. in each country.

LASAK Ltd. maintains the right to modify, terminate, change specifications or prices without prior notice.

GENERAL BUSINESS TERMS AND CONDITIONS

Pricing
All the above prices are ex-works (EXW) Prague, Czech Republic, Incoterms 2000, and do not include any commission, VAT or other duties, nor transport or packing costs. The seller reserves the right to change the prices without prior notice.

Ordering
Orders may be received by writing, Internet, telephone or fax. An order is deemed accepted upon confirmation by the seller, or upon delivery of the products, whichever is earlier. In every order must be clearly stated the full statutory name of the buyer, delivery address, specification required, delivery date, the preferred mode of transportation and contact person with their phone number.

Delivery time
The delivery time depends upon the ordered quantity and has to be agreed individually in advance. Generally, orders are dispatched by the first available carrier within three working days after receipt of the order or payment.

Packaging
Implants are supplied sterile. Other components of the implant system are supplied decontaminated but not sterile.

Payment terms
All listed prices are net at the account of the seller. Payment terms are payment in advance or confirmed, irrevocable, documentary L/C. If payment is late the maximum statutory interest rate will be applied to the late amount. Further deliveries may be suspended until full payment for any previous unpaid shipment has been received. All products remain in the ownership of the seller until the full invoiced price is settled.

Transportation
An individually agreed mode of transportation is used, usually standard mail, to the specified address of the customer. The transportation costs are charged separately and are not included in the listed prices.

Delivery terms and insurance
The listed prices are ex-works (EXW) Prague, Czech Republic, Incoterms 2000 delivery terms. We are prepared to ship the requested material to the specified address based on DDU, CIP or other agreed delivery terms upon request. All costs thus incurred are charged over and above the list price of the goods.

The illustrations used in the catalogue are provided for information purposes only and do not represent products in their true sizes.

LASAK

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