EN

LASAK 25 years

Product catalog 2016/2017

Easy and effective

BioniQ

Easy and effective

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WHY BIONIQ FROM LASAK?

- Long-term scientific documentation
- Unique hydrophilic, nanostructured, bioactive titanium surface
- Unique strong and stable Q-Lock connection, see page 7
- 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 Ltd., 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 74-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

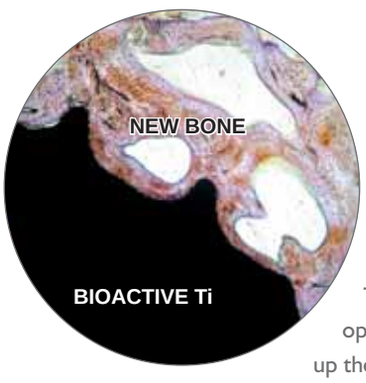
Hydrophilic BIO-surface

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 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.

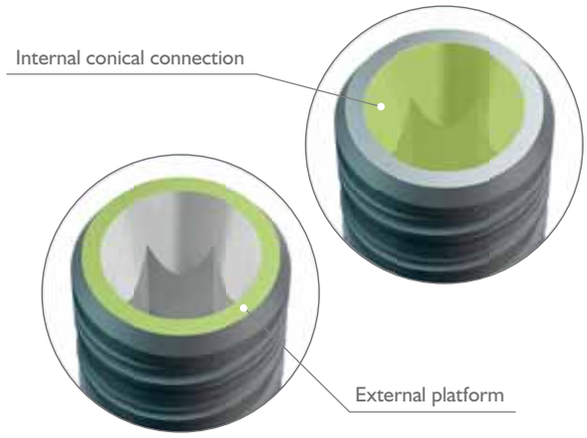


HYDROPHILIC, BIOACTIVE SURFACE

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.

LASAK´S QUALITY MANAGEMENT SYSTEM

LASAK's manufacturing process is subject to a quality management system which is in accordance with ISO 9001:2008 and ISO 13485:2012. All LASAK products bear the CE marking.



DUAL-FUNCTION CONNECTION

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

Q-LOCK, THE IMPLANT-ABUTMENT CONNECTION

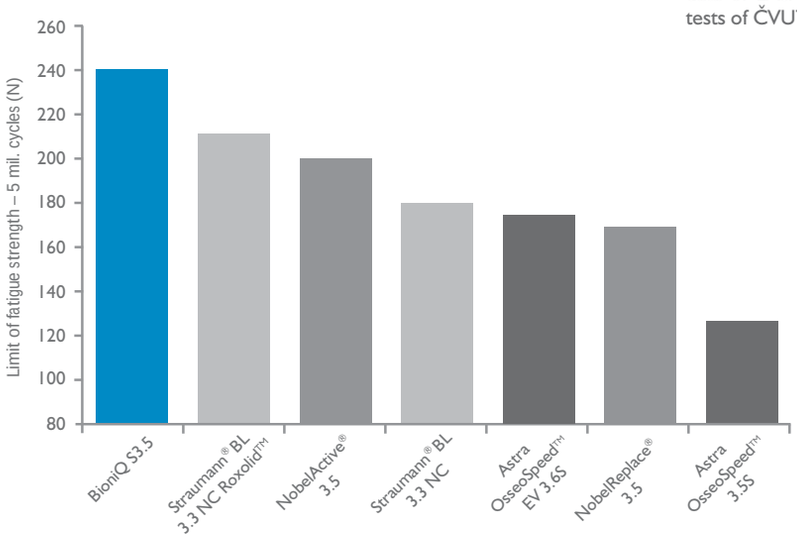
A unique combination of 4 stabilizing components:

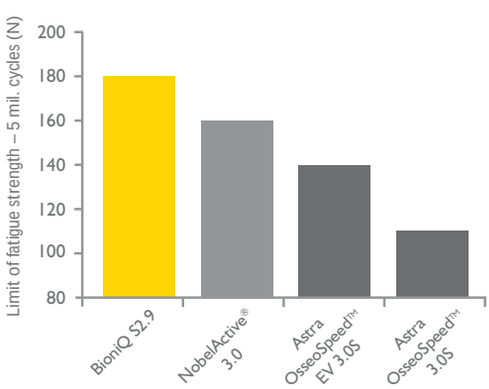
- Deep cone ensures stability and tight seal of the connection
- Solid hexagon as anti-rotation element
- Reinforcing cylinder – tube in tube
- Cone under the screw head

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

IMPLANTS

S2.9

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

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

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

OPEN TRAY IMPRESSION POST

2715.00

IMPLANT ANALOG

2836.00

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

HEALING CAP

2120.00

IMPRESSION COPINGS

2710.00

2717.00

BURN-OUT COPING

2811.00

ABUTMENT ANALOG

2816.00

ATTACHMENT-RETAINED RESTORATIONS

LOCATOR ATTACHMENTS

0.5 mm 02118
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 ABUTMENT

d3.8

2179.00

OPEN TRAY IMPRESSION POST

2715.00

IMPLANT ANALOG

2836.00

LAB PIN

2841.00

Product overview

BLUE PROSTHETIC PLATFORM – QR

- Indexed components with internal conical connection
- Non-indexed components with internal conical connection
- B Bridge components with external platform

IMPLANTS

S3.5
8.0 mm 2006.08
10 mm 2006.10
12 mm 2006.12
14 mm 2006.14
16 mm 2006.16

T4.0
8.0 mm 2012.08
10 mm 2012.10
12 mm 2012.12
14 mm 2012.14
16 mm 2012.16

S4.0
6.5 mm 2009.06
8.0 mm 2009.08
10 mm 2009.10
12 mm 2009.12
14 mm 2009.14
16 mm 2009.16

T5.0
8.0 mm 2020.08
10 mm 2020.10
12 mm 2020.12
14 mm 2020.14

S5.0
6.5 mm 2017.06
8.0 mm 2017.08
10 mm 2017.10
12 mm 2017.12
14 mm 2017.14

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

Bridge

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

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

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

CERAMIC ABUTMENTS

Straight

d5.0
0.7 mm 2146.07
2.5 mm 2146.25

Angled

d5.0/15°
0.7 mm 2147.07
2.5 mm 2147.25

TEMPORARY ABUTMENTS

d4.0
1.0 mm 2127.01
3.0 mm 2127.03

d4.0
1.0 mm 2128.01
3.0 mm 2128.03

IMPRESSION POSTS

2704.00
2705.00
2708.00

IMPLANT ANALOG

2803.00

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

2710.00
2717.00

BURN-OUT COPING

2811.00

ABUTMENT ANALOG

2816.00

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 ABUTMENT

d3.9
2154.00

TEMPORARY ABUTMENTS

d4.0
1.0 mm 2127.01
3.0 mm 2127.03

d4.0
1.0 mm 2128.01
3.0 mm 2128.03

IMPRESSION POSTS

2704.00
2705.00
2708.00

IMPLANT ANALOG

2803.00

LAB PIN

2833.00

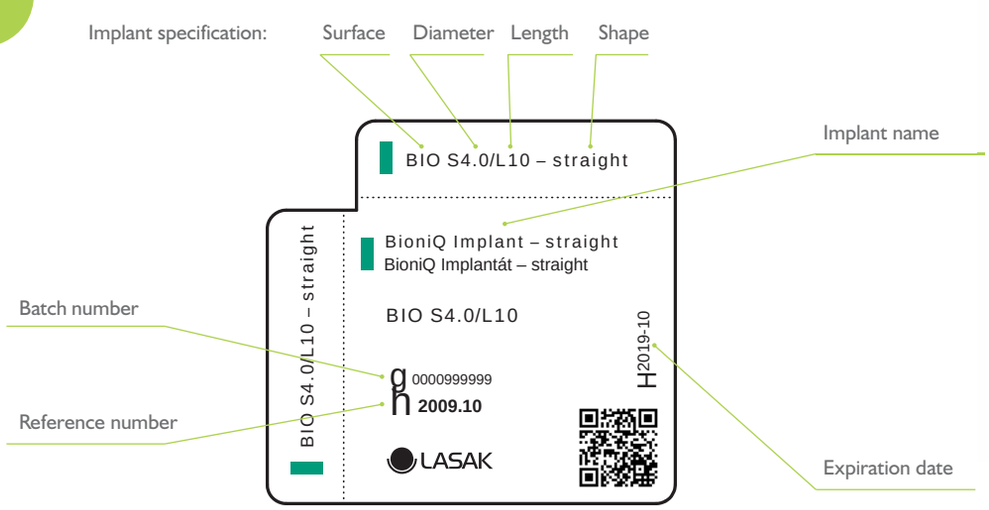
Packaging

Marking and packaging of the products

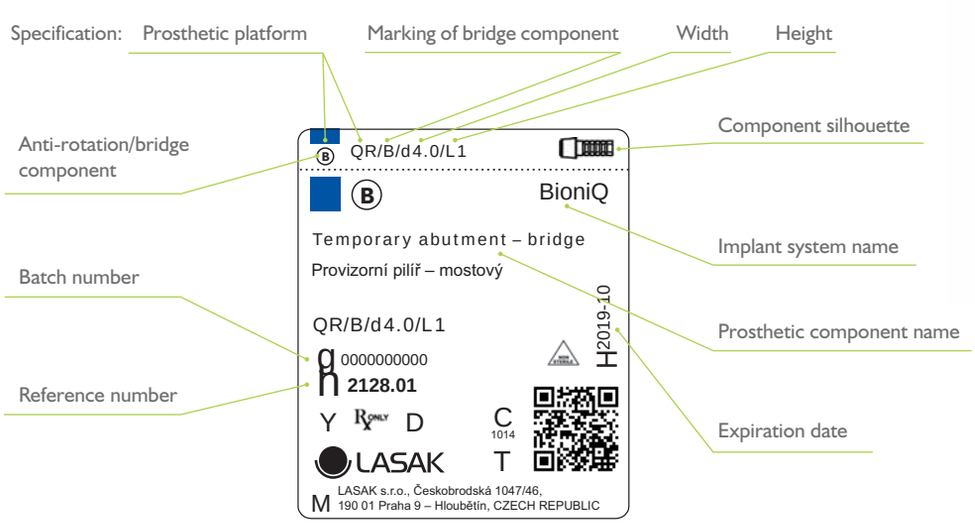
The implants are supplied in two blisters and an outer paper box. The transparent blister allows the visual checking of the product before its use. There is a label on the back of the blister with implant information and labels which should be fixed onto the patient documentation. The paper box has a 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



LABEL ON THE OUTSIDE PACKAGING OF THE PROSTHETIC COMPONENT



- 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 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, (see page 7).

S2.9

Implants Ø 2.9 mm

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

S3.5

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

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

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

* Available in 2Q 2016.

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

A sterile cover screw is supplied with the implant.

Prosthetic platforms

QN prosthetic platform

Yellow-colored prosthetic QN components (Q-Lock Narrow) are intended for narrow S2.9 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 five types of implants (S3.5, T4.0, S4.0, T5.0, 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

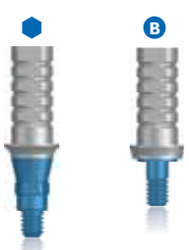
		L2	L4	L6
QR/d4.2	●	2109.02	2109.04	2109.06
QN/d3.9	●	2166.02	2166.04	2166.06

Gingiva formers – wide

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

Gingiva formers – bridge

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



Temporary abutments

		L1	L3
QR/d4.0	⬢	2127.01	2127.03
QR/B/d4.0 – bridge	B	2128.01	2128.03

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).

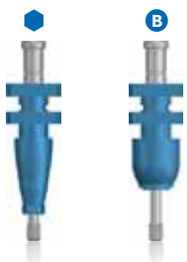
The gingiva former should extend over the edge of the adapted soft tissue by 1.0 to 2.0 mm, thus preventing the gingiva former becoming covered by edematous tissue during the post-operative period. The gingiva former's diameter must match the diameter of the abutment to be used for the final restoration.

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

⬢ **QR platform, indexed components** ● **QR platform, non-indexed components** B **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 post

QR	⬢	2704.00
QR/B – bridge	Ⓑ	2705.00
QN	⬡	2715.00

Closed tray impression post

QR	⬢	2708.00

Laboratory components

Implant analog, QR	⬢	2803.00
Implant analog, QR, set of 5 pcs.	⬢	2803.05
Implant analog, QN	⬡	2836.00
Implant analog, QN, set of 5 pcs.	⬡	2836.05
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

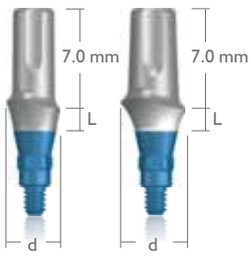
* Available in 2Q 2016.

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

⬢ **QR platform, 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

- 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.

Ceramic abutments – straight

		L0.7	L2.5
QR/d5.0/ZrO2 – wide	⬢	2146.07	2146.25

Spare screws for ceramic abutments may be ordered separately under Ref. No. 2105.00. Only dedicated screws for ceramic abutments can be used for their fixation.

Ceramic abutments – angled

		L0.7	L2.5
QR/d5.0/ZrO2/15° – wide	⬢	2147.07	2147.25

Spare screws for ceramic abutments may be ordered separately under Ref. No. 2105.00. Only dedicated screws for ceramic abutments can be used for their fixation.

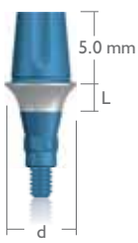
Use a new abutment screw for the final abutment tightening.
Tightening torque of abutment screw is 25 Ncm.

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

STANDARD abutments for cemented restorations

- 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

Spare abutment screws may be ordered separately under Ref. No. 2103.00.

STANDARD healing cap

QR/d5.0 – wide, set of 2 pcs.	●	2118.00

STANDARD impression coping

QR/d5.0 – wide, set of 2 pcs.	⬢	2702.00

STANDARD burn-out coping

QR/d5.0 – wide, set of 2 pcs.	⬢	2809.00

STANDARD abutment analog

QR/d5.0 – wide	⬢	2806.00
QR/d5.0 – wide, set of 5 pcs.	⬢	2806.05

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**

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

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 is delivered with the abutment.
*Spare Screw-On bridge screws may be ordered separately under Ref. No. 2106.00.
Spare abutment screws may be ordered separately under Ref. No. 2103.00.

Screw-On healing cap

d4.6	2120.00

Screw-On impression copings

For open tray, d4.6	2710.00
For closed tray, d4.6	2717.00

Screw-On burn-out coping

d4.6	2811.00

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.

Screw-On abutment analog

d4.6	2816.00

** Available in 2Q 2016.

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

The body of the Screw-On open tray impression coping (Ref. No. 2710.00) is manufactured from titanium and, together with the Screw-On bridge screw (Ref. No. 2106.00), can be used to create a Screw-On temp base for anchoring a temporary restoration.
For tightening straight Screw-On abutments, use one of the insertion wrenches on page 28. 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, non-indexed components

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 ●	02118	02119	02120	02121	02122	02123	02124

LOCATOR processing package

LOCATOR processing package, 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 technology represents a unique production system of precise superstructures which allows the direct fixation in dental implants without the use of abutments or other connecting elements. This reduces the number of gaps between the implant and the superstructure, which can be a potential source of bacterial contamination.

LASAK CadCam bridges

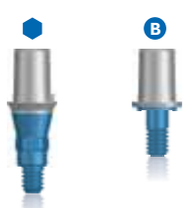
	Pontic	Implant-supported unit
Bridge – Ti, Co-Cr	D01	D02
Bridge – ZrO_2*	D07	D08
Fixing screw		
SCAN/CAD		D10

* Fixing screws are delivered with the Ti abutments.

LASAK CadCam custom abutments

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

*Is delivered with the Ti abutment.
Custom abutments always contain compatible fixing screws.
LASAK CadCam bridges and abutments are available for these implant systems: LASAK BioniQ and IMPLADENT, Astra Tech®, NobelActive®, NobelReplace®, Straumann® Bone Level and synOcta®.



LASAK CadCam abutments for LASAK BioniQ

QR/d3.7, indexed	⬢	2159.00
QR/NI/d3.7, non-indexed	●	2186.00
QR/B/d3.7, bridge	Ⓑ	2158.00
QN/d3.7, indexed*	⬡	2181.00
QN/NI/d3.7, non-indexed*	●	2189.00

BioniQ scanbodies

QR, indexed – PEEK	⬢	2815.00
QN, indexed – PEEK*	⬡	2840.00
Screw-On – PEEK		2835.00

* Available in 2Q 2016.

For more information 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** ● **QR platform, non-indexed components** Ⓑ **QR platform, bridge components**
⬡ **QN platform, indexed components** ● **QN platform, non-indexed components**

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

BioniQ QR/d3.9, indexed	⬢	2154.00
BioniQ QN/d3.8, indexed*	⬢	2179.00

Cast-On abutment for LASAK IMPLADENT

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 NobelActive®

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

* Available in 2Q 2016.

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.

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

Cast-On

Cast-On abutments, compatible with NobelReplace®

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

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®

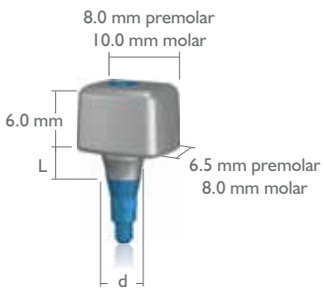
SSO RN, indexed	9302.00
SSO RN, non-indexed	9327.00
SSO WN, indexed	9303.00
SSO WN, non-indexed	9328.00

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

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.

Ti base CEREC*

QR/inCoris ZI meso L	⬢	2183.00

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

* Available in 2Q 2016.

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 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 124 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

Prosthetic planning kit – plastic STANDARD abutments

		L1	L2	L3	L4
QR/d5.0 – straight, wide	⬢	2823.01	2823.02	2823.03	2823.04

Prosthetic planning kit – plastic Screw-On abutments

		L1	L2	L3	L4
QR/d4.6 – straight	●	2834.01	2834.02	2834.03	2834.04

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

Prosthetic planning kit will be available in 3Q 2016.

⬢ **QR platform, indexed components** ● **QR 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	2908.00

Instruments included

Roundburr	2443.00	Final drill T5.0	2441.00
Pilot drill d1.5	2446.00	Final drill S5.0	2437.00
Final drill S2.9	2420.00	Depth gauge S5.0/T5.0	2440.00
Depth gauge S2.9	2423.00	Counterbore S5.0/T5.0	2439.00
Counterbore S2.9	2422.00	Threadformer S5.0/T5.0	2438.00
Threadformer S2.9	2421.00	Drill extension, ISO	2445.00
Final drill S3.5	2425.00	3× Paralleling pin d1.5/d2.3	2417.00
Depth gauge S3.5	2428.00	Screwdriver – short, hex 1.25/L23	2405.00
Counterbore S3.5	2427.00	Screwdriver – long, hex 1.25/L32	2406.00
Threadformer S3.5	2426.00	Unigrip, hex 2.5/ISO/L16	2459.00
Final drill T4.0	2435.00	Insertion wrench BioniQ – extra short, hex 2.5/L11	2402.00
Final drill S4.0	2430.00	Insertion wrench BioniQ – long, hex 2.5/L24	2403.00
Depth gauge S4.0/T4.0	2434.00	Insertion wrench BioniQ – mechanical, short, hex 2.5/ISO/L4	2412.00
Counterbore S4.0/T4.0	2433.00	Ratchet	2408.00
Threadformer S4.0/T4.0	2431.00	Guide wrench	2410.00

Free-of-charge implants are delivered as a bonus to the BioniQ instrument set. For individual offers please contact your sales representative or mail us at: export@lasak.cz.

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

Drills – standard length

Roundburr	2443.00
Pilot drill d1.5	2446.00
Final drill S2.9	2420.00
Final drill S3.5	2425.00
Final drill S4.0	2430.00
Final drill S5.0	2437.00
Final drill T4.0	2435.00
Final drill T5.0	2441.00

Drills – short

Final drill S2.9 – short	2447.00
Final drill S3.5 – short	2448.00
Final drill S4.0 – short	2449.00
Final drill S5.0 – short	2451.00
Final drill T4.0 – short	2450.00
Final drill T5.0 – short	2452.00

Counterbores

Counterbore S2.9	2422.00
Counterbore S3.5	2427.00
Counterbore S4.0/T4.0	2433.00
Counterbore 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

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

Instruments

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

* Insertion wrenches are intended for implant insertion and for tightening straight Screw-On abutments.

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

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

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 implants.

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

Ratchet

Ratchet	2408.00

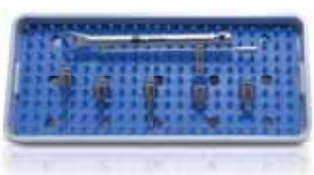
Guide wrench

Guide wrench	2410.00

Instrument organizer and cassette

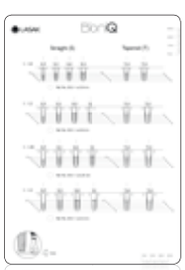
Cassette with organizer for all implant lines	2902.00
Instrument organizer insert for cassette	2903.00

Dimensions of cassette (including cover) is 295 x 175 x 57 mm.



Prosthetic set

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

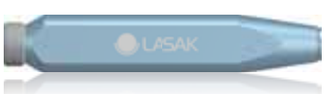


Radiograph template

Radiograph template for 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

Terms and conditions

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.

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LASAK 25 years

LASAK Ltd. • Českobrodská 1047/46 • 190 01 Prague 9 – Hloubětín • Czech Republic
tel.: +420 224 315 663 • fax: +420 224 319 716 • e-mail: order@lasak.cz • **www.lasak.com**