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# Product overview 2022

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**LASAK CadCam**

A decorative graphic at the bottom of the page featuring several overlapping, wavy blue lines that create a sense of motion and depth.

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 <sub>2</sub> *                              | D07    | D08                    | D17                     |
| SCAN/CAD  |        | D10                    |                         |
| Angulated screw channel for one piece framework |        | D91                    |                         |

The price of the superstructure for the LASAK BioniQ and IMPLADENT, Astra Tech®, Nobel Biocare Conical Connection, NobelReplace®, and Straumann® Bone Level and synOcta® systems includes the fixing screws for connecting to the implant. The price applies when STL data has been supplied.

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. In bridges in which there is at least one angled screw channel, all abutment screws are delivered in the AN version (unless specifically ordered otherwise).

\* The ZrO<sub>2</sub> superstructures are delivered with Ti bases. If they contain at least one angled screw channel, they will be delivered with Uni-Base AN Ti bases and AN abutment screws (unless specifically ordered otherwise).



## LASAK CadCam custom abutments

|   |     |
|---|-----|
| Ti, Co-Cr                                       | D03 |
| ZrO <sub>2</sub> *                              | D04 |
| SCAN/CAD  | D10 |
| Angulated screw channel for one piece framework | D91 |

\* Is delivered with the Ti base. Custom abutments with an angled screw channel will be delivered with a Uni-Base AN and AN fixing screw.

Custom abutments always contain compatible abutment screws connecting to the implant. Abutments with an angled screw channel will be delivered with an AN abutment screw. The price applies when STL data has been supplied.



## LASAK CadCam bridges, copings – cement-retained

|                  |     |
|------------------|-----|
| Ti, Co-Cr        | D05 |
| ZrO <sub>2</sub> | D09 |
| SCAN/CAD         | D10 |

The price applies when STL data has been supplied.



## 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.

## Scanbodies

|                                 |   |         |
|---------------------------------|---|---------|
| BioniQ QR, QR, indexed – narrow |  | 2876.00 |
| BioniQ QN, QN, indexed – narrow |  | 2877.00 |
| BioniQ Screw-On – long          |   | 2835.00 |
| IMPLADENT D3.7, with octagon    |  | 1801.00 |
| IMPLADENT D2.9, with octagon    |  | 1802.00 |

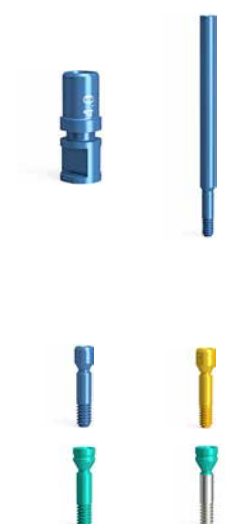
When tightening the fixing screw, it is necessary to follow the recommendations issued by the manufacturer of the respective implant system.

### Temporary abutments



|   |  | LI      | L3      |
|---|--|---------|---------|
| BioniQ QR/d4.0 – indexed                  |  | 2127.01 | 2127.03 |
| BioniQ QR/NI/d4.0 – non-indexed           |  | 2200.01 | 2200.03 |
| BioniQ QR/B/d4.0 – bridge                 |  | 2128.01 | 2128.03 |
| BioniQ QN/d3.8 – indexed                  |  | 2125.01 | 2125.03 |
| BioniQ QN/NI/d3.8 – non-indexed           |  | 2126.01 | 2126.03 |
| IMPLADENT D2.9/d3.7 Ti                    |  | 0165.3  | 0365.3  |
| IMPLADENT D2.9/d3.7 Ti, without octagon   |  | 1165.3  | 1365.3  |
| IMPLADENT D3.7/d4.8 Ti                    |  | 1055.3  | 1255.3  |
| IMPLADENT D3.7/d4.8 Ti, without octagon   |  | 1455.3  | 1655.3  |
| <b>new</b> Screw-On temporary coping d4.6 |  | 2231.00 |         |

### 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 |
| <b>new</b> Abutment screw AN, QR/AN/tx1.9 |  | 2229.00 |
| <b>new</b> Abutment screw AN, QN/AN/tx1.9 |  | 2228.00 |

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

### Premill abutments for LASAK BioniQ



|                            |  |         |
|----------------------------|--|---------|
| QR, NT – Ti                |  | 2184.00 |
| <b>new</b> QR, NT – Co-Cr* |  | 2248.00 |
| QN, NT – Ti                |  | 2187.00 |
| <b>new</b> QN, NT – Co-Cr* |  | 2249.00 |
| QR, AG – Ti                |  | 2196.00 |
| <b>new</b> QR, AG – Co-Cr* |  | 2250.00 |
| QN, AG – Ti                |  | 2197.00 |
| <b>new</b> QN, AG – Co-Cr* |  | 2251.00 |

Premill abutment AG is compatible with Amann Girrbach holder, Premill abutment NT is compatible with nt-trading holder. 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.

\* The Co-Cr Premill abutments will be available from January 2022.

When tightening the abutment to fix a temporary and final restoration, it is necessary to follow the recommendations issued by the manufacturer of the respective implant system.

# Uni-Base

Uni-Base universal titanium bases allow the use of a fully digital CAD/CAM design and production process as well as conventional workflow. Uni-Base bases are available in different gingival heights (L) and several coronal heights (h) for better crown fixation, e.g., when submerged. Uni-Bases with a coronal height greater than 3.5 mm can be manually shortened to this height.

CAD libraries for Uni-Base, including libraries for manually shortened variants, are freely available for software from exocad, 3Shape, and Dental Wings at [www.lasak.com](http://www.lasak.com).



**new** Uni-Base – straight, indexed

|                                 |   | L0.7    | L1.5    | L2.5    |
|---------------------------------|---|---------|---------|---------|
| QR/I/d4.5/h5.5, indexed, wide   | ● | 2218.07 | 2218.15 | 2218.25 |
| QR/I/d4.5/h8.0, indexed, wide   | ● | 2225.07 |         | 2225.25 |
| QR/I/d4.5/h3.5, indexed, wide   | ● |         | 2230.15 |         |
| QR/I/d3.8/h5.5, indexed, narrow | ● | 2216.07 | 2216.15 |         |
| QN/I/d3.8/h5.5, indexed, narrow | ● | 2208.07 | 2208.15 |         |



**new** Uni-Base – straight, non-indexed



|                                    |   | L1.5    |
|------------------------------------|---|---------|
| QR/NI/d4.5/h5.5, non-indexed, wide | ● | 2220.15 |



**new** Uni-Base – straight, bridge



|                              |   | L0.7    | L1.5    |
|------------------------------|---|---------|---------|
| QR/B/d4.5/h5.5, bridge, wide | ⓑ | 2221.07 |         |
| QR/B/d4.5/h3.5, bridge, wide | ⓑ |         | 2234.15 |



**new** Uni-Base burn-out coping – straight

|                    |         |
|--------------------|---------|
| d4.5/h5.5 – wide   | 2879.00 |
| d3.8/h5.5 – narrow | 2878.00 |

The Uni-Base burn-out copings are only intended for the Uni-Base – straight bases.



**Abutment screws**

|                          |       |         |
|--------------------------|-------|---------|
| LASAK BioniQ QR/hex I.25 | ● ● ⓑ | 2103.00 |
| LASAK BioniQ QN/hex I.25 | ● ●   | 2191.00 |

A fixing screw is delivered with the Uni-Base bases. The tightening torque of fixing screw is 25 Ncm. Use a new fixing screw to fix the final restoration.



The Uni-Base AN universal titanium bases allow the design of an angled screw channel and placing the screw access hole in the ideal position in the crown. The design of the base is planned for the convenience of using a fully digital CAD/CAM workflow. Uni-Base AN bases are available in two gingival heights (L). The coronal part of all Uni-Base AN bases can be shortened to a height of  $h = 3.5$  mm at a defined point. Uni-Base AN bases are delivered with a dedicated BioniQ AN/tx1.9 abutment screw for which an AN/tx1.9 screwdriver must be used.

CAD libraries for Uni-Base AN, including libraries for manually shortened variants, are freely available for software from exocad, 3Shape, and Dental Wings at [www.lasak.com](http://www.lasak.com).



**new** Uni-Base AN – angled, indexed

|                                  |   | L0.7    | L1.5    |
|----------------------------------|---|---------|---------|
| QR/I/AN/d4.5/h5.5, indexed, wide | ■ | 2219.07 | 2219.15 |
| QN/I/AN/d4.5/h5.5, indexed, wide | ■ | 2211.07 |         |

An AN fixing screw is delivered with the Uni-Base AN bases. Spare AN fixing screws may be ordered separately under Ref. No. 2229.00 for the blue QR prosthetic platform and under Ref. No. 2228.00 for the yellow QN prosthetic platform. To tighten the AN screws, an AN/tx1.9 screwdriver must be used.



**new** Uni-Base AN – angled, non-indexed

|                                       |   | L1.5    |
|---------------------------------------|---|---------|
| QR/NI/AN/d4.5/h5.5, non-indexed, wide | ⓑ | 2227.15 |

An AN fixing screw is delivered with the Uni-Base AN bases. Spare AN fixing screw may be ordered separately under Ref. No. 2229.00. To tighten the AN screw, an AN/tx1.9 screwdriver must be used.



**new** Uni-Base AN – angled, bridge

|                                 |   | L0.7    |
|---------------------------------|---|---------|
| QR/B/AN/d4.5/h5.5, bridge, wide | ⓑ | 2226.07 |

An AN fixing screw is delivered with the Uni-Base AN bases. Spare AN fixing screw may be ordered separately under Ref. No. 2229.00. To tighten the AN screw, an AN/tx1.9 screwdriver must be used.



**new** Fixing screws AN

|                          |       |         |
|--------------------------|-------|---------|
| LASAK BioniQ QR/AN/tx1.9 | ■ ● ⓑ | 2229.00 |
| LASAK BioniQ QN/AN/tx1.9 | ■ ●   | 2228.00 |

The AN fixing screws cannot be used in the straight Uni-Base bases.



**new** Screwdrivers AN

|  |         |
|--|---------|
| Screwdriver AN – mechanical, short, AN/ISO/tx1.9/L28 | 2534.28 |
| Screwdriver AN – mechanical, long, AN/ISO/tx1.9/L36  | 2534.36 |

! Indexed bases with an internal conical connection are suitable for single-tooth restoration.

● Non-indexed bases are suitable for linear anchor bridges and large bridges where implant disparelity up to a maximum of 24° allows it. They are not suitable for single-tooth restoration.

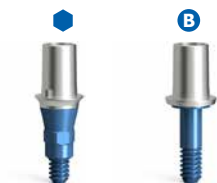
ⓑ Bridge bases are suitable for anchoring superstructures on disparallel implants. They are not suitable for single-tooth restoration.

An AN fixing screw is delivered with the Uni-Base AN bases. The tightening torque of an AN fixing screw is 25 Ncm. Use a new AN fixing screw to fix the final restoration. For angled screw channels with AN screws, this rule is particularly important.

# 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 |



### 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 for a straight screw channel is delivered with the Ti base. Spare Screw-On bridge screws may be ordered separately under Ref. No. 2106.00.

The Screw-On bridge screw AN/tx1.9 is intended for angled screw channels. The AN/tx1.9 screwdrivers (Ref. No. 2534.28 and 2534.36) are used for working with the AN/tx1.9 screw.



### 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/hex1.25                             |  | 2103.00 |
| LASAK BioniQ QN/hex1.25                             |  | 2191.00 |
| LASAK BioniQ QR/AN/tx1.9                            |  | 2229.00 |
| LASAK BioniQ QN/AN/tx1.9                            |  | 2228.00 |
| LASAK BioniQ Screw-On, hex1.25                      |  | 2106.00 |
| LASAK BioniQ Screw-On, AN/tx1.9                     |  | 2237.00 |
| LASAK IMPLADENT D3.7                                |  | 552.3   |
| LASAK IMPLADENT D2.9                                |  | 752.3   |
| LASAK IMPLADENT, šroub pro fixaci konstrukce        |  | 1641.3  |
| Astra Tech, ATS M1.4 (pro 3.0)                      |  | 9115.00 |
| Astra Tech, ATS M1.6 (pro 3.5/4.0)                  |  | 9038.00 |
| Astra Tech, ATS M2.0 (pro 4.5/5.0)                  |  | 9039.00 |
| NobelActive (Conical Connection), NBA M1.6 (pro NP) |  | 9046.00 |
| NobelActive (Conical Connection), NBA M2.0 (pro RP) |  | 9047.00 |
| NobelReplace, NBR M1.8 (pro NP)                     |  | 9001.00 |
| NobelReplace, NBR M2.0 (pro RP, WP, 6.0)            |  | 9002.00 |
| Straumann Bone Level, SBL M1.6 (pro NC)             |  | 9033.00 |
| Straumann Bone Level, SBL M1.6 (pro RC)             |  | 9034.00 |
| Straumann synOcta, SSO M1.8 (pro NN)                |  | 9054.00 |
| Straumann synOcta, SSO M2.0 (pro RN, WN)            |  | 9011.00 |
| CAMLOG, CA-CA M1.6 (pro 3.3, 3.8, 4.3)              |  | 9209.00 |
| CAMLOG, CA-CA M2.0 (pro 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.

## POSSIBILITIES OF ANGULATED SHAFTS MANUFACTURING

| Framework type                      | Implant system and prosthetic platform          | Shaft shape |                                   | Supported connection types for angulation | Scanbody required – Ref. No. | Special conditions and delivery times |
|-------------------------------------|---|-------------|-----------------------------------|---|------------------------------|---------------------------------------|
|                                     |   | Straight    | Angled < 15° with original screw* |   |                              |                                       |
| Milled implant-supported frameworks | BioniQ QR                                       | ✓           | ✓                                 | I, B, NI                                  | 2876.00                      | + D91/unit, + 3 days                  |
|                                     | BioniQ QN                                       | ✓           | ✓                                 | NI  | 2877.00                      |                                       |
|                                     | Screw-On  | ✓           | ✗                                 | ✗   | 2835.00                      |                                       |
|                                     | IMPLADENT D2.9                                  | ✓           | ✓                                 | B   | 1802.00                      | + D91/unit, + 3 days                  |
|                                     | IMPLADENT D3.7                                  | ✓           | ✓                                 | B   | 1801.00                      |                                       |
|                                     | IMPLADENT D5.0                                  | ✓           | ✗                                 | ✗   | Scan + CAD only by LASAK     |                                       |
|                                     | IMPLADENT D3.7/d4.8 Screw-retained restorations | ✓           | ✗                                 | ✗   | Scan + CAD only by LASAK     |                                       |
|                                     | Other implant systems***                        | ✓           | ✗                                 | ✗   | Scan + CAD only by LASAK     | —————                                 |

| Framework type  | Implant system and prosthetic platform | Shaft shape |                                   | Scanbody required – Ref. No. | Special conditions and delivery times |
|---|--|-------------|-----------------------------------|------------------------------|---------------------------------------|
|   |  | Straight    | Angled < 25° with special screw** |                              |                                       |
| Milled frameworks on Uni-Base titanium bases          | BioniQ QR                              | ✓           | ✓                                 | 2876.00                      | —————                                 |
|   | BioniQ QN                              | ✓           | ✓                                 | 2877.00                      | —————                                 |
| Milled frameworks on LASAK CadCam abutments (Ti base) | BioniQ QR                              | ✓           | ✗                                 | 2876.00                      | —————                                 |
|   | BioniQ QN                              | ✓           | ✗                                 | 2877.00                      | —————                                 |
|   | Screw-On                               | ✓           | ✓                                 | 2835.00                      | —————                                 |
|   | IMPLADENT D2.9                         | ✓           | ✗                                 | 1802.00                      | —————                                 |
|   | IMPLADENT D3.7                         | ✓           | ✗                                 | 1801.00                      | —————                                 |
|   | Other implant systems***               | ✓           | ✗                                 | Scan + CAD only by LASAK     | —————                                 |

\* QR fixing screw Ref. No. 2103.00, QN fixing screw Ref. No. 2191.00 and Screw-On bridge screw Ref. No. 2106.00. A hex 1.25 screwdriver is used to work with these screws.

\*\* QR/AN fixing Screw Ref. No. 2229.00, QN/AN fixing screw Ref. No. 2228.00 and AN Screw-On bridge screw Ref. No. 2237.00. An AN/tx 1.9 screwdrivers Ref. No. 2534.28 and 2534.36 are used to work with these screws.

\*\*\* The implant systems for which milled frameworks can be ordered are listed in the compatibility chart.

LASAK CadCam bridges in which at least one screw channel is angulated will be delivered with all Uni-Base AN bases and AN fixing screws unless specifically ordered otherwise.

For the redesign of the platforms, it is necessary to send the STL data (working model with the designed framework and soft tissue) to the following e-mail [cadcam@lasak.cz](mailto:cadcam@lasak.cz) and send the master cast by post to LASAK CadCam Center.

## DELIVERY TERMS

The delivery time for the small LASAK CadCam bridge, bar (up to 4 units) or custom abutment is 3–5 business days, excluding the day of delivery to LASAK. The delivery time for the large LASAK CadCam bridge or bar (5 or more units) is 5–7 business days, excluding the day of delivery to LASAK. There is also an express manufacturing option for large LASAK CadCam bridges or bars: within 3 business days, excluding the day of delivery to LASAK. The supplementary charge for this express manufacturing option is 20 % of the contract price. The above delivery times are valid provided a next-day courier service is used. After final quality control, the customer will be informed about the despatch of the order from LASAK.

## GUARANTEE TERMS AND CONDITIONS

LASAK hereby guarantees that, in case the manufacturer of the implant, as a third party, refuses implant replacement based on an alleged failure due to the use of LASAK individual milled solutions, using a CAD/CAM method, within 10 years after the implant insertion, LASAK will provide the implant and the superstructure free of charge. LASAK hereby guarantees that, in the case of a strength and stability failure of the LASAK product material within the guarantee periods (10-year guarantee on superstructures made of titanium or Co-Cr alloy, 5-year guarantee on superstructures made of material ZrO<sub>2</sub>), LASAK will replace the product with the same or a substantially equivalent product. Guarantee terms are described in the LASAK Guarantee. All prices are excluding transport and VAT.

Astra Tech®, CEREC® and OsseoSpeed® are registered trademarks of Dentsply Sirona Inc., USA. CAMLOG® is a registered trademark of CAMLOG Biotechnologies AG, Switzerland. NobelActive® and NobelReplace® are registered trademarks of Nobel Biocare Holding AG, Switzerland. Straumann® and synOcta® are registered trademarks of Straumann Holding AG, Switzerland

Easy and effective

