



Prosthetics

Easy and effective

BioniQ



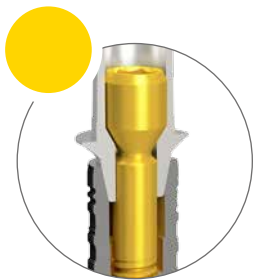
Prosthetic platforms

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.

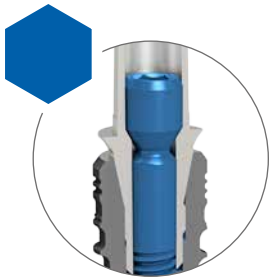


Non-indexed components with internal conical connection. Abutments marked with this symbol are not suitable for single tooth restoration.

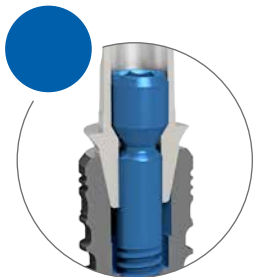


QR prosthetic platform

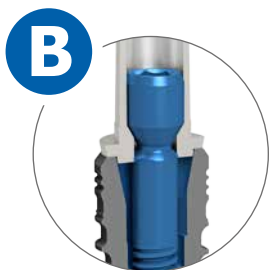
Blue-colored universal QR prosthetic platform (Q-Lock Regular) for BioniQ implants (S3.5, T4.0, S4.0, T5.0, S5.0) and BioniQ Plus implants (S3.5, S4.0, S5.0).



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.



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



Recommended tightening torques

| Component | | Tightening torque Ncm | Abutment screw | Screwdriver |
|---|---|-----------------------|---|--|
| Cover screws Gingiva formers Screw-On healing cap |  | Manually* | | hex I.25 |
| Impression components Laboratory components |  | Manually* | | hex I.25 |
| Temporary abutments Esthetic abutments STANDARD abutments Cast-On abutments Screw-On abutments – angled |  | 25 |  | hex I.25 |
| Screw-On abutments – straight |  | 25 | | Unigrip/ Insertion wrench BioniQ |
| Screw-On bridge screw Screw-On bridge screw AN |  | 15 | | hex I.25 AN/tx I.9 |
| LASAK CadCam abutments CEREC components LASAK CadCam custom abutments and bridges |  | 25 |  | hex I.25 |
| Uni-Base |  | 25 |  | hex I.25 |
| Uni-Base AN |  | 25 |  | AN/tx I.9 |
| LOCATOR attachments |  | 25 | | LOCATOR driver |

* Light finger force using screwdriver (5–10 Ncm)

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

ABUTMENT SCREW



2228.00



2191.00

CEMENTED RESTORATIONS

ESTHETIC ABUTMENTS

Straight



d3.8

0.7 mm 2170.07
1.5 mm 2170.15

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

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

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

INDIVIDUAL PROSTHETIC SOLUTIONS

LASAK CAD/CAM BRIDGES AND ABUTMENTS



CAST-ON ABUTMENTS



d3.8

2179.00



d3.8

2188.00

Tightening torque of gingiva former and impression components is **5–10 Ncm** – light finger force.

Tightening torque of Screw-On bridge screw is **15 Ncm**.

Tightening torque of abutment screw, straight Screw-On abutments and LOCATOR attachments is **25 Ncm**. If the torque of 50 Ncm is exceeded, by tightening the For tightening straight Screw-On abutments, use one of the insertion wrenches. Please, note that the insertion wrench – mechanical, short is not suitable for tightening 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

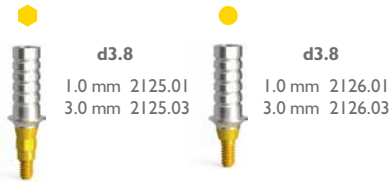
Product overview

IMPRESSION POSTS



2715.00
2716.00

TEMPORARY ABUTMENTS



d3.8
1.0 mm 2125.01
3.0 mm 2125.03

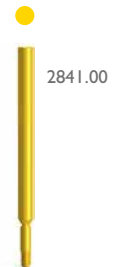
d3.8
1.0 mm 2126.01
3.0 mm 2126.03

IMPLANT ANALOG



2859.00

LAB PIN



2841.00

IMPRESSION COPINGS



2719.00

2717.00

TEMPORARY COPING



2231.00

TI BASE



2207.00

BURN-OUT COPINGS



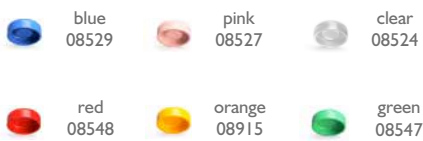
2811.00
2871.00

ABUTMENT ANALOG



2860.00

LOCATOR REPLACEMENT INSERTS



blue
08529

pink
08527

clear
08524

red
08548

orange
08915

green
08547

IMPRESSION COPING



08505

ABUTMENT ANALOG



08530

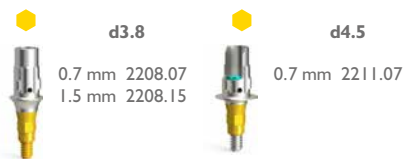
TEMPORARY ABUTMENTS



d3.8
1.0 mm 2125.01
3.0 mm 2125.03

d3.8
1.0 mm 2126.01
3.0 mm 2126.03

TI BASES UNI-BASE



d3.8
0.7 mm 2208.07
1.5 mm 2208.15

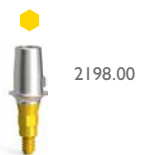
d4.5
0.7 mm 2211.07

PREMILL ABUTMENTS



2187.00
2197.00
2249.00
2251.00

TI BASE CEREC



2198.00

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.



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

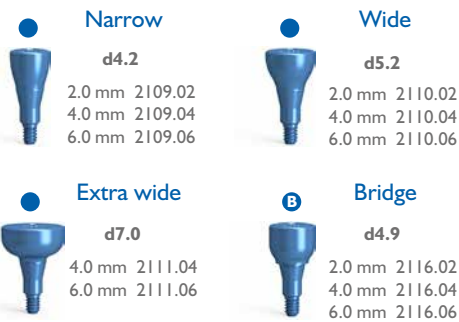


BIONIQ PLUS IMPLANTS

S3.5 S4.0 S5.0



GINGIVA FORMERS



COVER SCREW



ABUTMENT SCREW



CEMENTED RESTORATIONS

ESTHETIC ABUTMENTS

Straight



Angled



SCREW-RETAINED RESTORATIONS

SCREW-ON ABUTMENTS

Straight



Angled



ATTACHMENT-RETAINED RESTORATIONS

LOCATOR ATTACHMENTS



LOCATOR PROCESSING PACKAGE

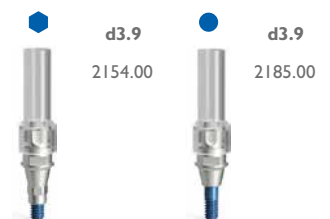


INDIVIDUAL PROSTHETIC SOLUTIONS

LASAK CAD/CAM BRIDGES AND ABUTMENTS



CAST-ON ABUTMENTS



Tightening torque of gingiva former and impression components is **5–10 Ncm** – light finger force.

Tightening torque of Screw-On bridge screw is **15 Ncm**.

Tightening torque of abutment screw, ceramic abutment screw, straight Screw-On abutments and LOCATOR attachments is **25 Ncm**.

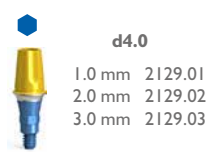
For tightening straight Screw-On abutments, use one of the insertion wrenches. Please, note that the insertion wrench – mechanical, short is not suitable for tightening Spare abutment screws for the blue QR prosthetic platform may be ordered separately under Ref. No. 2103.00. Spare Screw-On bridge screws may be ordered

STANDARD ABUTMENTS

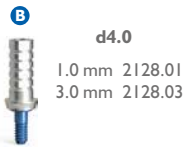
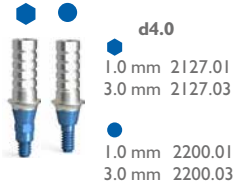
Straight, wide



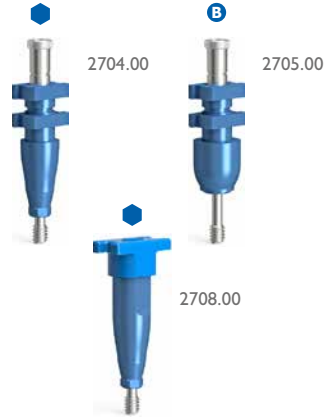
Straight, narrow



TEMPORARY ABUTMENTS



IMPRESSION POSTS



IMPLANT ANALOG



LAB PIN



HEALING CAP



IMPRESSION COPINGS



TEMPORARY COPING



TI BASE



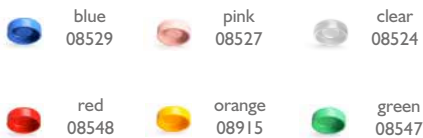
BURN-OUT COPINGS



ABUTMENT ANALOG



LOCATOR REPLACEMENT INSERTS



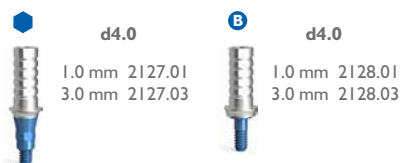
IMPRESSION COPING



ABUTMENT ANALOG



TEMPORARY ABUTMENTS



TI BASES UNI-BASE



The full range of bases is shown on pages 26-27 in BioniQ product catalogue 2022.

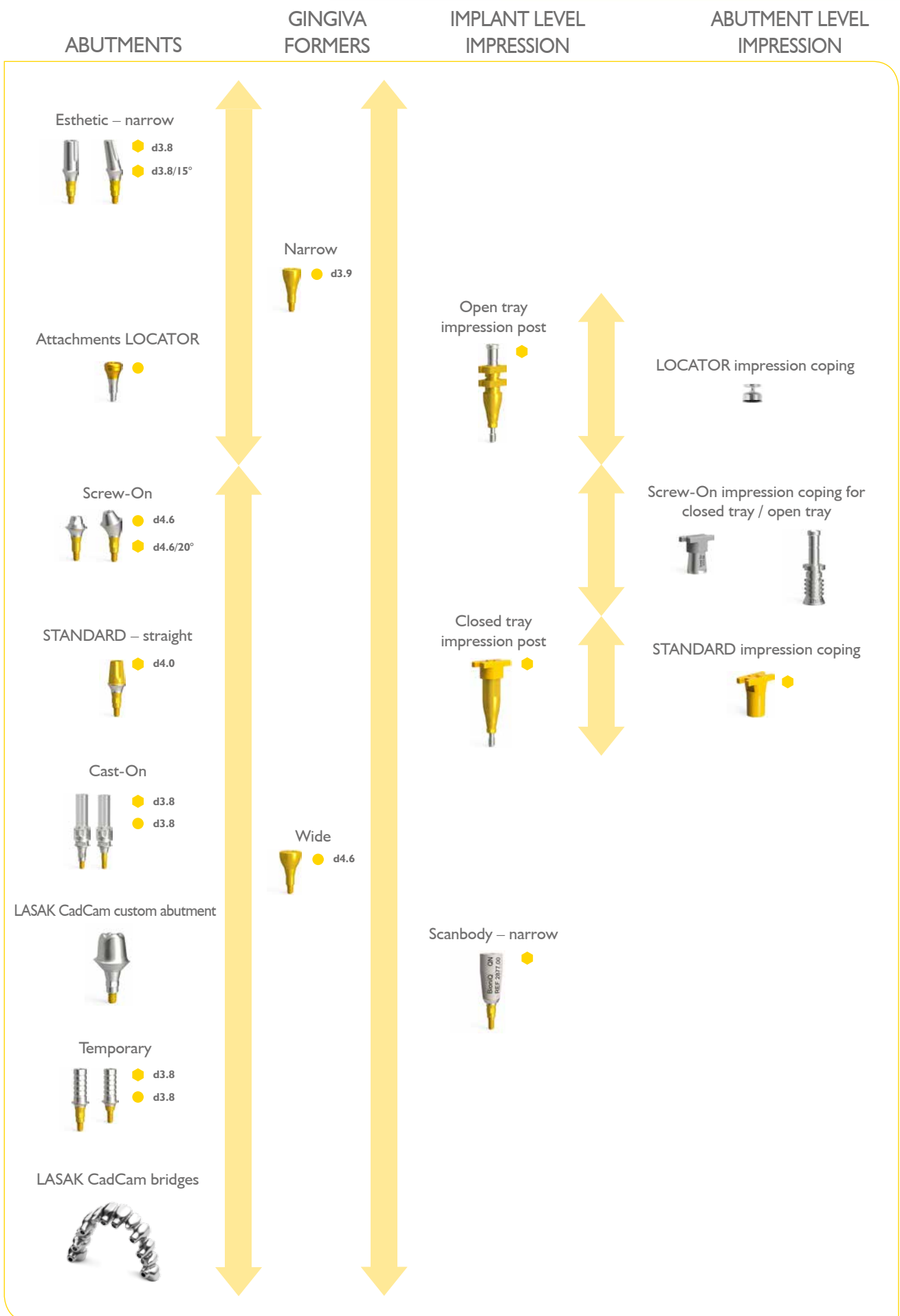
PREMILL ABUTMENTS



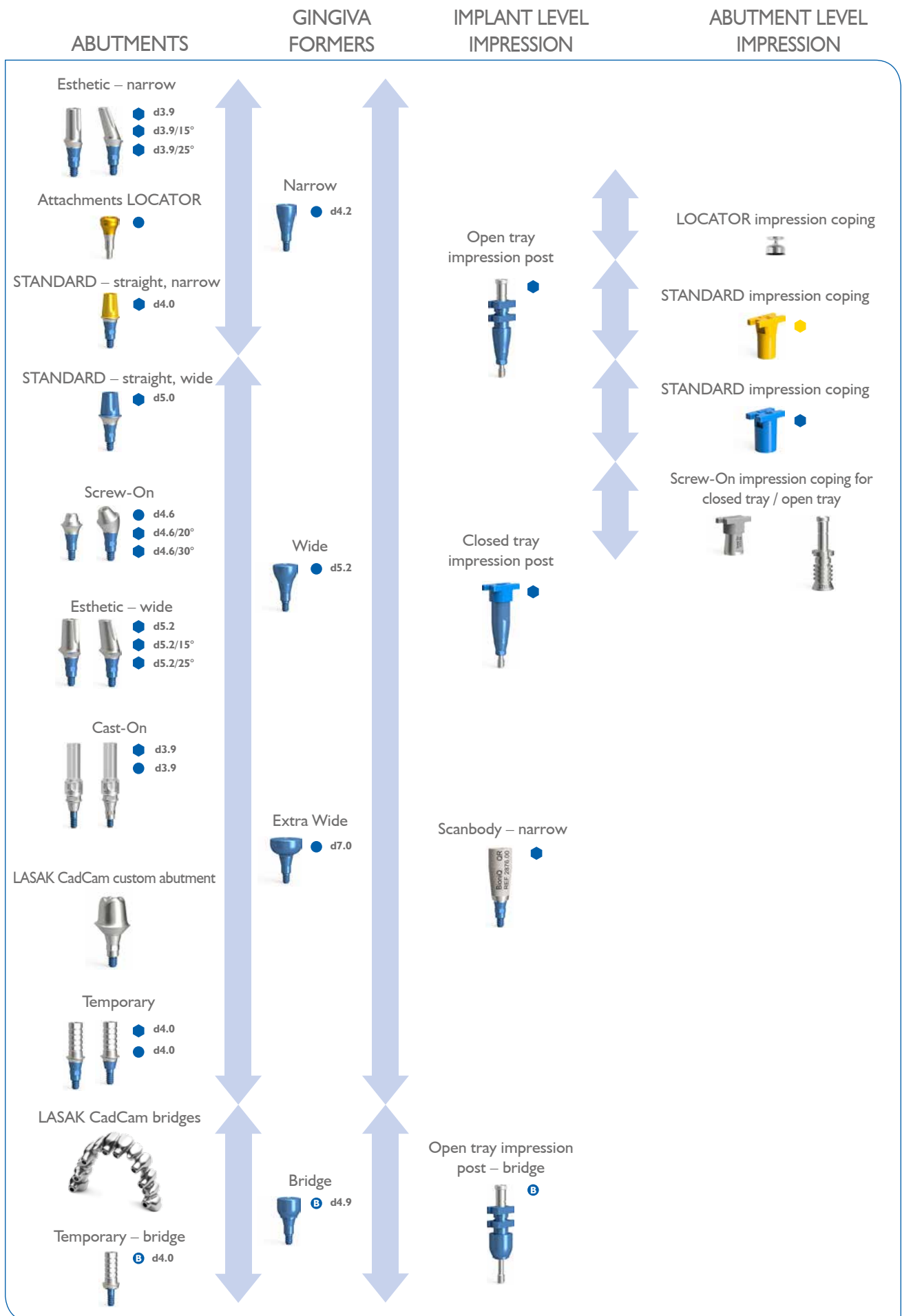
TI BASE CEREC



QN impression components overview



QR impression components overview

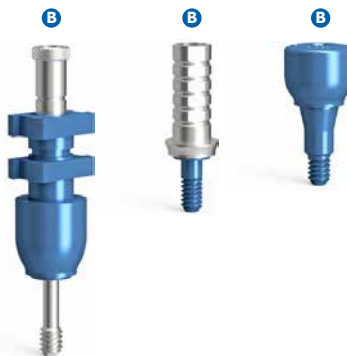


Recommendations

Multi-unit superstructures

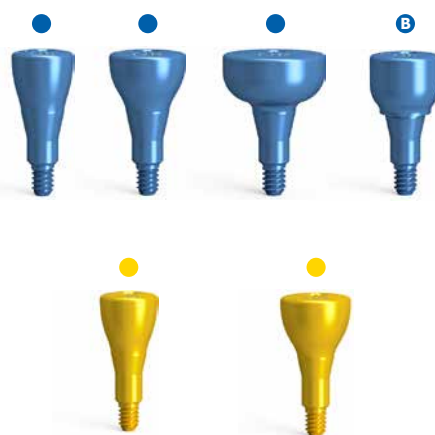
Multi-unit screw-retained superstructures can be made either by using Screw-On abutments or as milled implant-supported LASAK CadCam superstructures. For LASAK CadCam superstructures, use the bridge components marked **B** (bridge). Using bridge gingiva formers, impression posts and temporary abutments allows for optimum soft tissue management and the precise fit of the restoration to the implant surface. The same is true for restorations made with the bridge Cast-On abutments.

Bridge abutments are not suitable for linear anchored bridges.



Using gingiva formers

Suitable gingiva formers are selected on the basis of the type and anatomy of the final restoration and the gingiva height. Hybrid restorations usually require narrow gingiva formers, whereas, in the case of cemented single tooth restorations, a narrow or wide gingiva former is selected on the basis of the anatomical conditions. When treating significantly disparallel implants or an large screw-retained restoration, gingiva former bridge **B** often represents a suitable solution. In addition to the inner geometry of the implant, it covers the implant's external platform. 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.

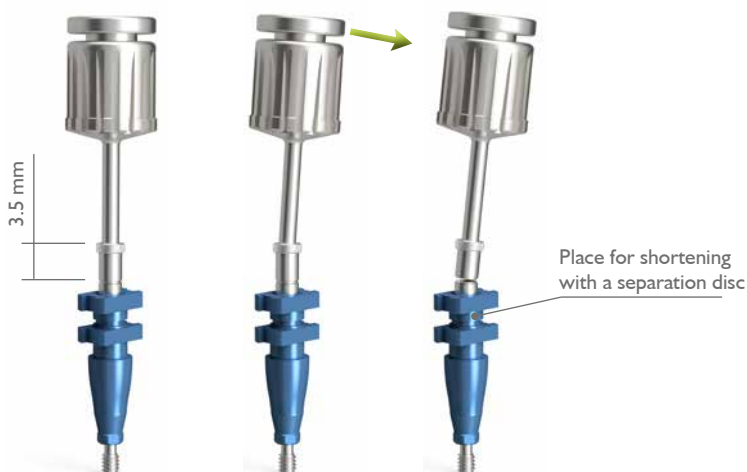


Open tray impression post

Before tightening the pin, make sure the impression post fits well in the internal hexagon of the implant. Tighten the pin with a screwdriver. If in doubt, use OPG to check the situation.

The fastening pin can be shortened by 3.5 mm, if necessary. There is a ring marked on the pin where it can be broken with the help of a screwdriver. The body of the impression post can be shortened with a separation disc.

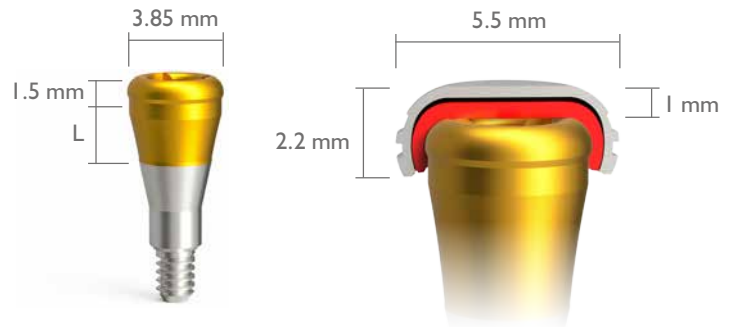
Warning! The body of impression post and the pin can only be shortened extraorally.



LOCATOR attachments

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-coloured LOCATOR part should remain supragingival to be able to retain the over-denture.

The metal casing for the LOCATOR insert is 2.2 mm high, and the maximum external diameter is 5.5 mm. The tightening torque of the LOCATOR attachment is 25 Ncm.



Abutment screws BioniQ

BioniQ abutment screws are color coding for ease of reference. Standard BioniQ 1.25 hex abutment screws with hexagon sockets in the screw heads are colored blue for the QR prosthetic platform and yellow for the QN platform. To fix prosthetic solutions with angled screw channels, use BioniQ AN/tx 1.9 screws, which are green for the QR platform or silver with a green head for the QN platform. The BioniQ AN/tx 1.9 screwdriver must be used with these screws. A hexalobular screw is used as the anti-rotational element instead of the usual hexagon, which means that the screwdriver can be used at an angle of up to 25°.

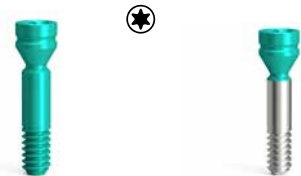
The screws are not interchangeable, and the correct screwdriver must be used for each type of screw.

Screwdriver – mechanical, hex 1.25*



Abutment screw BioniQ QR Abutment screw BioniQ QN

Screwdriver AN – mechanical, tx 1.9**



Abutment screw BioniQ QR/AN/tx 1.9 Abutment screw BioniQ QN/AN/tx 1.9

Always use a new abutment screw to secure the final prosthesis in the patient's mouth. It is particularly important to comply with this rule when using an AN/tx 1.9 screw in angled shafts. Failure to do so may cause excessive wear on the internal geometry of the screw head, even if the recommended torque is maintained when attaching the final prosthesis. This may make it more difficult or even impossible to loosen the screw in the future. All abutment screws may also be ordered as individual components.

* Mechanical and manual screwdrivers are available in various lengths.

** The mechanical screwdriver is available in two lengths.

Only the use of original components and instruments will ensure that the screw head is not damaged. Using instruments other than those specified by the implant system manufacturer may affect the validity of any warranties.

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