# LASAK dental



# **IMPLADENT**



Dear Customers,

The production of IMPLADENT dental implants and surgical instruments has been discontinued, and they are no longer available for order. However, you can still order the basic range of prosthetic, impression, and laboratory components for the 2.9, 3.7 and 5.0 prosthetic platform, as well as compatible instruments to treat your patients with IMPLADENT implants.

Please note that if a particular product is not available in the main warehouse, delivery times may be several weeks.

If you cannot find the components you need to treat your patients in this catalog, please contact your sales representative or our Customer Service Department at order@lasak.cz.

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# Implant overview

The IMPLADENT implants have been discontinued and can no longer be ordered. The following pages provide an overview to help you identify implants that need a new prosthetic restoration. First, it is important to determine whether or not the implant has an internal octagon. Next, the appropriate prosthetic platform must be correctly assigned. Within the IMPLADENT system, implants of six diameters have been produced in a variety of designs over the years. However, only three prosthetic platforms are used to distinguish between types of prosthetic and laboratory components.

## **Prosthetic platforms**



Red prosthetic platform 2.9 is intended for narrow D2.9 IMPLADENT implants.

**Green prosthetic platform 3.7** is intended for D3.7, D4.4, D5.1 and D5.6 IMPLADENT implants.

Blue prosthetic platform 5.0 is intended for D5.0 IMPLADENT implants.

The matching of the prosthetic and laboratory components to the corresponding prosthetic platform is indicated in the catalog by colored symbols.



## Implant identification

If the patient has an implant passport, the implant identifiers below will help identify the prosthetic platform. If an implant passport is not available, the following typical implant x-rays will assist in identification.

STIScrew-shape implants without octagonSTIOScrew-shape implants with internal octagonSHAScrew-shape implants without octagonSHAOScrew-shape implants with internal octagonSTI-BIO-CScrew-shape implants with internal octagonVHACylindrical implants without octagonVHAOCylindrical implants with internal octagonACCELTapered screw-shape implants with internal octagon

D3.7 and D3.6 implants made before 1996 don't have an internal octagon. If your patient has one of these implants, please contact your sales representative or email us at info@lasak.cz for treatment options.

## **IMPLANTS – STRAIGHT**





D2.9 implant with internal octagon. The corresponding prosthetic platform 2.9 is marked in red in the catalog.

## X-ray examples



D2.9 implant with abutment for screw-retained restorations with gingival height L3.

# Implant overview

## **IMPLANTS – STRAIGHT**



Implants - series 5.1

# STI SHA VHA

D3.7 implants manufactured prior to 1996 that do not have an internal octagon have an internal thread in the neck part. even in the neck part.



X-ray examples

Untreated D3.7 implants with typical lucency in the area of the inner octagon



the L2 ball attachment on the left and L1 on the right.





Implant D5.1 with an abutment not fully fitted into the internal octagon.



Typical image of the D5.1 implant after removal of the prosthetic restoration.





The D5.0 implants support the screw-retained Cresco system framework with typical slotted abutment screws.



D5.0 implant



Screw and cylindrical D5.0 implants. In a more exposed image, the threaded shaft for the fixation screw would be visible below the inner octagon

# Implant overview

## **IMPLANTS ACCEL – TAPERED**





The D4.4 implants support Untreated D4.4 implant the screw-retained Cresco without cover screw. system framework.



X-ray examples



The D4.4/L12 implant with the L4 abutment for cemented restoration.





The D5.6 implant supports the screw-retained Cresco system framework.



The D5.6 implants with BIO and HA surface.

# Screw identification



Screw		Ref. No.	Overall length
Screw for abutment platform D3.7		552.3	6.7 mm
Screw for abutment platform D5.0		652.3	7.8 mm
Screw for abutment platform D2.9	•	752.3	7.3 mm
Bridge screw		1641.3	4.7 mm
Screw for TS abutment, L2		246.3	3.5 mm
Screw for TS abutment, L3	•	346.3	4.3 mm

# **Gingiva formers**

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exc. VAT



Y	Ţ	ų.	
L2	L4	L6	
222.3	422.3		€27
1022.3	1222.3		€27
2122.3	2322.3	4022.3	€25
	L2 222.3 1022.3 2122.3	L2 L4   222.3 422.3   1022.3 1222.3   2122.3 2322.3	L2 L4 L6   222.3 422.3 1222.3   1022.3 1222.3 4022.3



Gingiva formers esthetic – wide		<b>T</b> L2	<b>V</b> L4	
D3.7/d5.2 wide		622.3	822.3	€27
D2.9/d4.7 wide	•	3122.3	3322.3	€27



Screws			
Screw for abutment platform D3.7		552.3	€
Screw for abutment platform D2.9	•	752.3	€
Screw for abutment platform D5.0		652.3	€
Bridge screw, M1.6/hex1.0		1641.3	€

**Only the blue 5.0 platform** prosthetic and laboratory **components** are intended for **use with IMPLADENT D5.0 implants**. The components of the green 3.7 platform, which are used for IMPLADENT D5.1 implants, cannot be used.

Throughout the catalog the abbreviations D and d are used as follows:

D - relates to the prosthetic series diameter (green platform 3.7, red platform 2.9, blue platform 5.0)

d - relates to the actual diameter in specific cases

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 from 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 formers is 5–10 Ncm – light finger force. Components are supplied in non-sterile packaging.

# STANDARD abutments for cemented restorations



STANDARD abutments for cemented restorations – straight		L2	L3	6 L4	exc. VAT
D3.7/d4.8 wide	1132.3	2132.3	3132.3	4132.3	€77
D5.0 straight	125.3	225.3	325.3	425.3	€77

An abutment screw is delivered with the abutment.

Spare abutment screws may be ordered separately under Ref. No. 552.3 for green 3.7 platform, Ref. No. 752.3 for red 2.9 platform and Ref. No. 752.3 for blue 5.0 platform.

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STANDARD abutments for cemented restorations – angulate	ed		L2	L3	<b>V</b> L4	
D3.7/d4.8/15° wide		1142.3	2142.3	3142.3	4142.3	€77
D3.7/d4.8/25° wide		1152.3	2152.3	3152.3	4152.3	€77
D2.9/d3.7/15° narrow		1102.3	2102.3	3102.3	4102.3	€77
D2.9/d3.7/25° narrow		1112.3	2112.3	3112.3	4112.3	€77
D5.0/15°		135.3	235.3	335.3	435.3	€77
D5.0/25°		145.3	245.3	345.3	445.3	€77

An abutment screw is delivered with the abutment.

Spare abutment screws may be ordered separately under Ref. No. 552.3 for green 3.7 platform, Ref. No. 752.3 for red 2.9 platform and Ref. No. 752.3 for blue 5.0 platform.



	Temporary abutments		LI	L3	
	D3.7/d4.8 Ti		1055.3	1255.3	€60
D	D3.7/d4.8 Ti without octagon		1455.3	1655.3	€60
	D2.9/d3.7 Ti	•	0165.3	0365.3	€60
D	D2.9/d3.7 Ti without octagon	•	1165.3	1365.3	€60
	D5.0		2055.3		€60

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An abutment screw is delivered with the abutment.

# 100/100 100/100

#### Impression and laboratory components

Open tray impression post – wide, D3.7/d4.8	533.3	€38
Implant analog with retention – 3D print, D3.7	830.00	€23
Open tray impression post – narrow, D2.9/d3.7	933.3	€38
Implant analog with retention – 3D print, D2.9	829.00	€23
Open tray impression post – narrow, D5.0	23.3	€38
Implant analog with retention – 3D print, D5.0	1833.00	€23

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

Abutment is not indicated for single tooth restoration.

Use a new abutment screw to fix the final restoration. Tightening torque of abutment screws is 25 Ncm Tightening torque of impression components is 5–10 Ncm – light finger force. Components are supplied in non-sterile packaging.

# Abutments for screw-retained restorations

exc. VAT



Abutments for screw-retained restorations	1 LI	L2	() L3	0 L4	
D3.7/d3.7 narrow	10042.3	11042.3	12042.3	13042.3	€65
D2.9/d3.7 narrow	30042.3	31042.3	32042.3	33042.3	€65
D3.7/25° angled		230202	240202	250202	€106
D2.9/25° angled		130202	140202	150202	€106
D5.0	155.3	255.3	355.3	455.3	€65
Healing cap for abutments for screw-re	et. rest. D3.7/d	4.8/H4.5		2333.3	€38
Bridge screw, M1.6/hex1.0				1641.3	€

A bridge screw and an abutment screw are delivered with the abutment.

Spare abutment screws may be ordered separately under Ref. No. 552.3 for green 3.7 platform, Ref. No. 752.3 for red 2.9 platform and Ref. No. 752.3 for blue 5.0 platform.



## Impression components

Impression coping for screw-retained restorations, D3.7 (D2.9)/H8	• •	12033.3	€38
Abutment analog for screw-retained restorations – 3D print, D3.7/D2.9	•	1835.00	€23
Impression coping for screw-retained restorations, D5.0/H8		2133.3	€38
Abutment analog for screw-retained restorations – 3D print, D5.0		1143.3	€23



#### Transversal screws

L2		246.3	€17
L3	•	346.3	€ 7

The head length (L) of the transversal screw should be chosen according to the anatomy of the crown.

# Screwdriver and insertion tool compatibility

Components	Instruments	Instruments Ref. No.
Straight D3.7, D2.9 abutments for screw-retained restorations	Insertion tool for abutments for screw-retained restorations	7113.3, 70113.3
Straight D5.0 abutments for screw-retained restorations	Insertion tool for abutments for screw-retained restorations**	4524.3
Angled abutments for screw-retained restorations	Hex 1.4 screwdriver	24224.3*, 4224.3*, 4024.3* 8224.3
Bridge screws	Hex I.0 screwdriver	44224.3*, 24024.3*  4 7.1 ,  4 7.2
Impression copings and abutment analogs	Hex 1.4 screwdriver	24224.3*, 4224.3*, 4024.3* 8224.3
Transversal screws	Hex 1.0 screwdriver	44224.3*, 24024.3*  4 7.1 ,  4 7.2
Gingiva formers	Hex 1.4 screwdriver	24224.3*, 4224.3*, 4024.3* 8224.3

\* The product is no longer available.

\*\* Insertion tool for D5.0 abutments for screw-retained restorations (Ref. No. 4524.3) is sold under the brand name explantation wrench.

Abutment is not indicated for single tooth restoration.

Tightening torque of abutment screws is 35 Ncm

Tightening torque of bridge screws and transversal screws is 15 Ncm

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

Components are supplied in non-sterile packaging.

# Individual prosthetic solutions

#### LASAK CadCam bridges

	<b>Pontic</b> (price/unit)	Implant-supported unit (price/unit)
Ti, CoCr	D0I -€2I	D02 – €82
ZrO <sub>2</sub>	D07 – €24	D08-€90
scan/cad		DI0-€I0/unit

Custom abutments always contain compatible abutment screws connecting to the implant. The  $ZrO_2$  superstructures are delivered with Ti bases. The price applies when STL data has been supplied.

## LASAK CadCam custom abutments

Ti, CoCr	D03	€82/pc
ZrO <sub>2</sub>	D04	€90/pc
scan/cad	D10	€I0/unit

Custom abutments always contain compatible abutment screws connecting to the implant. The ZrO<sub>2</sub> superstructures are delivered with Ti bases. The price applies when STL data has been supplied.

#### LASAK CadCam overdenture bars (CEKA PRECI-HORIX / DOLDER - U, EGG / PrimeLOC) - Ti, CoCr

	SIL		PRECISION
BAR 2 – implant-supported overdenture bar (2 implants)	DII –€230		DI4-€265
BAR 3 – implant-supported overdenture bar (3 implants)	DI2-€345		DI5-€408
BAR 4 – implant-supported overdenture bar (4 and more implants)	DI3-€443		DI6-€525
Attachment LOCATOR Bar Female M2.0, set of 2 pcs		A0102 S P	€ 224

The price of the superstructure 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 abutments for LASAK Impladent (Ti base)

IMPLADENT D3.7, without octagon	٠	1107.00	€47
IMPLADENT D3.7, with octagon	•	1128.00	€47
IMPLADENT D2.9, without octagon	•	1108.00	€47
IMPLADENT D2.9, with octagon	•	3 .00	€47

An abutment screw is delivered with the abutment.

### **Scanbodies**

IMPLADENT D3.7, with octagon		1801.00	€32
IMPLADENT D2.9, with octagon	•	1802.00	€32
IMPLADENT D5.0, with octagon		1834.00	€32
IMPLADENT for screw-retained restorations, D3.7/D2.9		1836.00	€32

IMPLADENT scanbodies are designed for scanning with a laboratory scanner on a plaster model. Their design and dimensions are not suitable for intraoral scanning.

## Cast-On abutments for LASAK IMPLADENT

IMPLADENT D3.7, with octagon	٠	1161.00	€64
An abutment screw is delivered with the abutment.			

Abutment is not indicated for single tooth restoration.

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

Tightening torque of abutment screws is 35 Ncm. Tightening torque of CadCam abutments is 35 Ncm.

The small LASAK CadCam bridges are delivered within 3-5 working days and the large LASAK CadCam bridges are delivered within 5-7 working days. For more information ask for the LASAK CadCam leaflet and price list.

Components are supplied in non-sterile packaging.







exc. VAT

# LASAK CadCam

# Possibilities of milled frameworks manufacturing

In the LASAK IMPLADENT implant system, you can design the frameworks with your own scanner using the original LASAK CAD library and LASAK scanbodies. The frameworks are made using the provided STL data or master cast.

Examowork	Implant system and prosthetic platform	Shaft shape		Supported	Scanbody	Special conditions	
type		Straight	Angled < 15° with original screw	connection types for angulation	required – Ref. No.	and delivery times	
	IMPLADENT D2.9	<b></b>	<b>O</b>	I, B	1802.00		
NAME IN THE	IMPLADENT D3.7	<b>O</b>	<b>Ø</b>	I, B	1801.00	+ D71/unit, $+$ 3 days	
supported	IMPLADENT D5.0	<b>I</b>	<b>O</b>	I, B	1834.00	+ D91/unit, + 3 days	
frameworks	IMPLADENT D3.7/ D2.9 Screw-retained restorations	0	۲	8	1836.00		

 $\mathsf{I}-\mathsf{Indexed},$  components with octagon

B – Bridge, components without octagon

Eveneerie	Inculant systems and	Shaft shape		Scanbody		
type	prosthetic platform	Straight	Angled < 25° with special screw	required – Ref. No.	and delivery times	
Milled frameworks	IMPLADENT D2.9	0	8	1802.00		
on LASAK CadCam abutments (Ti base)	IMPLADENT D3.7	0	8	1801.00		

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 and send the master cast by post to LASAK CadCam Center.



# **Modern implant system** for your future patients



# 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.

- Wide range of prosthetic components
- Hydrophilic, osteoconductive BIO-surface
- Built-in platform shifting for tissue volume and stability
- One instrument set for all implants

# LOCATOR attachments

The diameter of the LOCATOR attachment is 3.85 mm. 1.5 mm of the bronze-colored LOCA-TOR part should remain supragingival to be able to retain the over-denture.



## PrimeLOC processing pack

Standard processing pack (pink anodized denture cap, black processing insert, three dual retention inserts – standard, block-out spacer), set of 2 pcs. €54

#### **PrimeLOC** retention inserts – Standard

Blue, 700 g, set of 4 pcs.	A0002.SZ.P	€22
Pink, 1 200 g, set of 4 pcs.	A0003.SZ.P	€22
Clear, 2 200 g, set of 4 pcs.	A0004.SZ.P	€22
Red, 600 g, extended pivot, set of 4 pcs.	A0005.SZ.P	€22
Orange, 1 000 g, extended pivot, set of 4 pcs.	A0006.SZ.P	€22
Green, I 900 g, extended pivot, set of 4 pcs.	A0007.SZ.P	€22
Red, 600 g, extended pivot, set of 4 pcs. Orange, I 000 g, extended pivot, set of 4 pcs. Green, I 900 g, extended pivot, set of 4 pcs.	A0005.SZ.P A0006.SZ.P A0007.SZ.P	€22 €22 €22

Extended pivot inserts can be used for an implant with a maximum divergence of  $20^\circ\!.$ 



1.5 mm

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#### Instruments

LOCATOR driver	08913	€45
PrimeLOC universal tool	A0019.P	€68



#### Impression and laboratory compoments

PrimeLOC impression coping (includes black processing insert), set of 4 pcs.	A0015.SZ.P	€58
PrimeLOC abutment lab analog – straight, set of 4 pcs.	A0014.SZ.P	€58
PrimeLOC processing spacer, set of 4 pcs.	A0012.SZ.P	€24

Tightening torque of attachments is 35 Ncm.

PrimeLOC prosthetic, impression, and laboratory components and instruments can all be used with LOCATOR attachments. Components and instruments are supplied in non-sterile packaging.

# **Ball attachments**

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Ball attachments CLASSIC			<b>D</b> L2	L3	<b>1</b> L4	<b>0</b> L6	exc. VAT
D3.7/d3.7		21432:3	22432:3	23432:3	24432:3	26432:3	€70
D2.9/d3.7	•	55432:3	56432:3	57432:3	58432:3	60432:3	€70
D5.0	•	41432:3	42432:3	43432:3	44432:3		€70



## Retentive cap CLASSIC

Retentive cap CLASSIC	6932.3	€
Retentive cap CLASSIC elliptic	7932.3	€
Retentive cap CLASSIC Plus		
Retentive cap CLASSIC Plus	055752	ŧ
Retentive cap CLASSIC Plus elliptic	055890	ŧ
Instruments	2022.5	
Activator for retentive cap CLASSIC	8932.3	ŧ
Retentive cap driver CLASSIC Plus	072609	€
Insertion wrench		

allone	1	- Co
	11:	- and
	1	-

Space maintainer for ball attachment CLASSIC

543:3 €7

When using ball attachments, the height of the cuff (L) should be level with, or 1.0 mm above, the gingiva. Sufficient space should always be left to enable the retentive cap to be affixed using the self-curing base resin and to retain the necessary mechanical resistance of the basal resin during the occlusal loading of the hybrid restorations.

Tightening torque of attachments is 35 Ncm. Components and instruments are supplied in non-sterile packaging.

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# Impression and laboratory components





### **Open tray impression posts**

D3.7/d3.7 narrow	•	633.3	€38
D3.7/d4.8 wide	•	533.3	€38
D2.9/d3.7 narrow	•	933.3	€38
D2.9/d4.5 wide	•	1233.3	€38
D5.0	•	1123.3	€38

Impression posts are tightened with a hex 1.4 screwdriver.

#### Impression copings for screw-retained restorations

D3.7 (D2.9)/H8	• •	12033.3	€38
D5.0/H8		2133.3	€38

Impression copings are tightened with a hex 1.4 screwdriver.



with retention – 3D print, D3.7	٠	1830.00	€23
with retention – 3D print, D2.9	•	1829.00	€23
with retention – 3D print, D5.0	•	1833.00	€23

Spare abutment screws may be ordered separately under Ref. No. 552.3 for green 3.7 platform, Ref. No. 752.3 for red 2.9 platform and Ref. No. 752.3 for blue 5.0 platform.

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

## Abutment analogs for screw retained restorations

with retention – 3D print, D3.7/D2.9		1835.00	€23
with retention	•	1143.3	€23

#### Burn-out coping for cemented restorations - STANDARD abutments

with shoulder D3.7 (D2.9) narrow	• •	553.3	€9
with shoulder D5.0	•	653.3	€9

#### Burn-out coping for screw-retained restorations

D3.7 (D2.9)	• •	1153.3	€10
D5.0	•	2253.3	€10

Only the blue 5.0 platform prosthetic and laboratory components are intended for use with IMPLADENT D5.0 implants. The components of the green 3.7 platform, which are used for IMPLADENT D5.1 implants, cannot be used.

Tightening torque of impression components is 5–10 Ncm – light finger force. Components are supplied in non-sterile packaging.









# Instruments

## Ratchet

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The ratchet with torque adapter is used in both the surgical and the prosthetic phases of treatment. The ratchet mechanism ensures a comfortable change of the working motion without removing the ratchet from the instrument. To use the screwdrivers, insertion wrenches, and explanation wrenches listed below with the ratchet (Ref. No. 2408.00), the Unigrip universal insertion wrench (Ref. No. 2459.00) must be used as an adapter to the ratchet.

				exc. VAT
		Ratchet		
	0 15- 15-	Ratchet	2408.00	€217
	Insertion wre	nch – ratchet adapter		
	Unigrip, hex 2.5	/ISO/L16	2459.00	€68
	Unigrip allows the Unigrip allows inser	use of screwdrivers, insertion wrenches and tion of ball attachments.	explantation wrench with ratchet (Ref.	No. 2408.00).
	Screwdrivers			
hex1.4	Hex screwdrive	r mechanical, hex1.4/L9	8224.3	€16
IMPLADENT 1.0	Screwdriver – s	hort, hex1.0/ISO/L11	4 7.	€16
MPLADENT 1.0	Screwdriver – Io	ong, hex1.0/ISO/L21	4 7.2	€16
	When using the scr the ratchet (Ref. No Insertion tool	ewdrivers, the Unigrip universal insertion wre b. 2408.00). for abutments for screw-retaine	ench (Ref. No. 2459.00) must be used as a decision of the second se	an adapter for
	short D2.9/D3.7	7/L5/L17 (hex2.0)	7113.3	€52
	long D2.9/D3.7/	/L10/L22 (hex2.0)	<b>0 1</b> 70113.3	€52
	When using the inse the ratchet (Ref. No	ertion tools, the Unigrip universal insertion wrop. 2408.00).	ench (Ref. No. 2459.00) must be used as	an adapter for
	Explantation	wrench – insertion tool for abutn	nents for screw-retained resto	orations

Explantation wrench hex3.5/L10/L22	4524.3	€52

When using the explantation wrench, the Unigrip universal insertion wrench (Ref. No. 2459.00) must be used as an adapter for the ratchet (Ref. No. 2408.00).

It is also used to insert D5.0 abutments for screw-retained restorations (Ref. No. X55.3).

# Guide to screwdrivers and tightening torques

## Screwdrivers

The IMPLADENT implant system features two main groups of fixing screws – abutment screws and bridge screws. For tightening of the abutment screws (as well as implant cover screws, gingiva formers and other components) use IMPLADENT screwdriver hex 1.4. To handle bridge screws which fit to abutments for screw-retained restorations use IMPLADENT screwdriver hex 1.0.

hex 1.0 hex 1.4

€68

Overall length	Screwdrivers		exc. VAT
ter heyl 4	Hex Screwdriver mechanical, <b>hex 1.4</b> /L9	8224.3	€ 6
MIMPLADENT 1.0	Screwdriver – short, <b>hex1.0</b> /ISO/L11	4 7.	€ 6
IMPLADENT 1.0	Screwdriver – long, <b>hex I .0</b> /ISO/L21	1417.21	€16

When using the screwdrivers, the Unigrip universal insertion wrench (Ref. No. 2459.00) must be used as an adapter for the ratchet (Ref. No. 2408.00).

The overall length of the hex 1.4 screwdriver is 24 mm. The overall length of the hex 1.0 screwdriver is 25 mm for the short version and 35 mm for the long version.



#### Insertion wrench - ratchet adapter

Unigrip, hex 2.5/ISO/L16	
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Unigrip allows the use of screwdrivers, insertion wrenches and explantation wrench with ratchet (Ref. No. 2408.00). Unigrip allows insertion of ball attachments.

To ensure that the implant-abutment interface is truly tight and to prevent a crown from coming loose, tighten the abutment screw with the ratchet. The abutment screw tightening torque is generally 35 Ncm. Use a new abutment screw to fix the final restoration. Tightening torques for bridge screws and some other special components are different - see below.



#### Ratchet

Ratchet	2408.00	€217

2459.00

When using the screwdrivers, the Unigrip universal insertion wrench (Ref. No. 2459.00) must be used as an adapter for the ratchet (Ref. No. 2408.00).

## Tightening torque overview

Components	Instruments	Instrument Ref. No.	Tightening torque
Abutment screws	Hex 1.4 screwdriver	24224.3*, 4224.3*, 4024.3*, 8224.3	35 Ncm
PEEK temporary abutments	Hex 1.4 screwdriver	24224.3*, 4224.3*, 4024.3*, 8224.3	20 Ncm
Gingiva formers	Hex 1.4 screwdriver	24224.3*, 4224.3*, 4024.3*, 8224.3	5–10 Ncm**
Impression and laboratory components	Hex 1.4 screwdriver	24224.3*, 4224.3*, 4024.3*, 8224.3	5–10 Ncm**
Bridge screws and TS screws	Hex 1.0 screwdriver	44224.3*, 24024.3*, 1417.11, 1417.21	15 Ncm
Ball attachments	Unigrip	2459.00	35 Ncm
LOCATOR attachments	LOCATOR screwdriver	09999*, 08913	35 Ncm
Titanmagnetics attachments	Torque wrench insert	H.00.04.X2*, H.00.04.K2*	20 Ncm

\* The product is no longer available.

\*\* Light finger force using a screwdriver.

## Screwdrivers with ISO lock

The IMPLADENT screwdrivers are connected to the adapters using an ISO lock. This is a standardized ISO connection used in surgical handpieces that is also used by some other implant systems.

Use a new fixing screw to fix the final restoration. Instruments are supplied in non-sterile packaging.



# Additional components for the IMPLADENT system



## **Explantation drill**

D2.9	1000.3	€83
D3.7	1010.3	€83
D5.1	1020.3	€83

You must use reverse gear to operate the explantation drill.

## Broken screw remover sets





Screw remover set IMPLADENT, D2.9 (threadformer, reverse drill, drill guide, claw drill and organizer)	1903.00	€259
Threadformer, D2.9	2909.01	€77
Reverse drill, D2.9	2909.02	€61
Drill guide, D2.9	1903.03	€31
Claw drill, D2.9	2909.04	€61
Screw remover set IMPLADENT, D3.7 (threadformer, reverse drill, drill guide, claw drill and organizer)	1904.00	€259
Threadformer, D3.7	1904.01	€100
Reverse drill, D3.7	2909.02	€61
Drill guide, D3.7	1904.03	€31
Claw drill, D3.7	1904.04	€79

Instructions for the removal of a damaged screw are available at www.lasak.com.

exc. VAT

Ref. No.	Product name	Specification	Page
543:3	Space Maintainer for Ball Attachment CLASSIC	r2.25	14
01207	Locator abutment IMPLADENT	D3.7/L0	13
01208	Locator abutment IMPLADENT	D3.7/L1	13
01209	Locator abutment IMPLADENT	D3.7/L2	13
01210	Locator abutment IMPLADENT	D3.7/L3	13
01211	Locator abutment IMPLADENT	D3.7/L4	13
01212	Locator abutment IMPLADENT	D3.7/L5	13
08913	LOCATOR driver	ISO	13
055752	Retentive cap CLASSIC Plus	055752	14
055890	Retentive cap CLASSIC Plus – elliptics	055890	14
072609	Screwdriver CLASSIC Plus	072609	14
130202	Abutment for Screw Retained Prostheses – angulated	D2.9/25°/L2	9
140202	Abutment for Screw Retained Prostheses – angulated	D2.9/25°/L3	9
150202	Abutment for Screw Retained Prostheses – angulated	D2.9/25°/L4	9
230202	Abutment for Screw Retained Prostheses – angulated	D3.7/25°/L2	9
240202	Abutment for Screw Retained Prostheses – angulated	D3.7/25°/L3	9
250202	Abutment for Screw Retained Prostheses – angulated	D3.7/25°/L4	9
0165.3	Temporary Abutment	D2.9/d3.7/L1	8
1000.3	Explantation Drill	D2.9	18
10042.3	Abutment for Screw Retained Prostheses – narrow	D3.7/L1	9
1010.3	Explantation Drill	D3.7	18
1020.3	Explantation Drill	D5.1	18
1022.3	Healing cylinder – narrow	D2.9/d3.9/L2	7
1055.3	Temporary Abutment	D3.7/d4.8/L1	8
1102.3	Abutment STANDARD – angulated	D2.9/d3.7/15°/L1	8
11042.3	Abutment for Screw Retained Prostheses – narrow	D3 7/L2	9
1107.00	BioCam abutment IMPLADENT non-indexed		10
1108.00	BioCam abutment, IMPLADENT, non-indexed		10
11123		D2 9/d3 7/25°/l 1	
1123.3	Open Tray Impression Post – narrow	D5.0	8 15
1128.00	BioCam abutment IMPLADENT indexed	D3 7	10
1131.00	BioCam abutment, IMPLADENT, indexed	D2 9	10
1132.3	Straight STANDARD Abutment – wide	D3 7/d4 8/L	
1142.3	Angul STANDARD Abutment – wide	D3 7/d4 8/15°/11	8
1143.3	Abutment Analog for Screw Retained Prostheses	D5.0	9 15
1152.3		D3 7/d4 8/25°/l 1	8
1153.3	Burn-out Coping for Screw Retained Prostheses	D3 7/d3 7	15
1161.00	Cast-On abutment IMPLADENT indexed	D3 7	10
12033 3	Impression Coping for Screw Retained Prostheses	D3 7/H8	9 15
12033.3	Abutment for Screw Retained Prostheses – narrow	D3 7/L3	9
12012.0	Healing cylinder – narrow	D2 9/d3 9/l 4	7
1222.3		D2 9/d4 5	15
1253.5	Abutment STANDARD - straight	D5 0/L I	8
1255 3		D3 7/d4 8/l 3	8
13042.3	Abutment for Screw Retained Prostheses - narrow	D3 7/L4	9
135.3	Abutment STANDARD - angulated	D5 0/15°/11	0
1365 3	Temporary Abutment without Octagon	D2 9/43 7/1 3	0
4 7	Screwdriver - short	hev10/ISO/111	16 17
4 72	Screwdriver - long	hex1.0/ISO/121	16.17
145.3		D5 0/25°/L I	Ω
1455.3	Temporary Abutment without Octagon	D3 7/d4 8/L	۵ و
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Ref. No.	Product name	Specification	Page
155.3	Abutment for Screw Retained Prostheses	D5.0/L1	9
1641.3	Bridge Screw	MI.6/hexI.0	6, 7, 9
1655.3	Temporary Abutment without Octagon	D3.7/d4.8/L3	8
1801.00	Scanbody, IMPLADENT, indexed	D3.7	10
1802.00	Scanbody, IMPLADENT, indexed	D2.9	10
1829.00	Implant Analog with Retention – 3D print	D2.9	8, 15
1830.00	Implant Analog with Retention – 3D print	D3.7	8, 15
1833.00	Implant Analog with Retention – 3D print	D5.0	8, 15
1834.00	Scanbody, IMPLADENT, indexed	D5.0	10
1835.00	Abutment Analog for Screw Retained Prostheses – narrow	D3.7/D2.9	9,15
1836.00	Scanbody, IMPLADENT, Screw Retained Prostheses	D3.7/D2.9	10
1903.00	Screw remover set IMPLADENT	D2.9	18
1903.03	Screw remover set IMPLADENT – drill guide	D2.9	18
1904.01	Screw remover set IMPLADENT – threadformer	D3.7/M2.3	18
1904.03	Screw remover set IMPLADENT – drill guide	D3.7	18
1904.04	Screw remover set IMPLADENT – claw drill	D3.7/d2.5	18
2055.3	Temporary Abutment	D5.0/L1	8
2102.3	Abutment STANDARD – angulated	D2.9/d3.7/15°/L2	8
2112.3	Abutment STANDARD – angulated	D2.9/d3.7/25°/L2	8
2122.3	Healing cylinder – narrow	D5.0/L2	7
2132.3	Straight STANDARD Abutment – wide	D3.7/d4.8/L2	8
2133.3	Impression Coping for Screw Retained Prostheses	D5.0/H8	9, 15
2142.3	Angul. STANDARD Abutment – wide	D3.7/d4.8/15°/L2	8
21432:3	Ball Attachment CLASSIC	D3.7/L1	14
2152.3	Angul. STANDARD Abutment – wide	D3.7/d4.8/25°/L2	8
222.3	Healing cylinder – narrow	D3.7/d4.0/L2	7
22432:3	Ball Attachment CLASSIC	D3.7/L2	14
225.3	Abutment STANDARD – straight	D5.0/L2	8
2253.3	Burn-out Coping for Screw Retained Prostheses	D5.0	15
2322.3	Healing cylinder – narrow	D5.0/L4	7
2333.3	Healing cap for Screw Retained Prostheses	D3.7/d4.8/H4.5	9
23432:3	Ball Attachment CLASSIC	D3.7/L3	14
235.3	Abutment STANDARD – angulated	D5.0/15°/L2	8
2408.00	Ratchet BioniQ		16, 17
24432:3	Ball Attachment CLASSIC	D3.7/L4	4
245.3	Abutment STANDARD – angulated	D5.0/25°/L2	8
2459.00	Unigrip BioniQ	hex2.5/ISO/L5/L16	4,  6
246.3	Screw for TS Abutment	L2	6, 9
255.3	Abutment for Screw Retained Prostheses	D5.0/L2	9
26432:3	Ball Attachment CLASSIC	D3.7/L6	14
2909.01	Screw remover set – threadformer	QR/D2.9/M1.6	18
2909.02	Screw remover set – reverse drill	QR/D2.9/D3.7/d1.2	18
2909.04	Screw remover set – claw drill	QR/D2.9/d1.7	18
30042.3	Abutment for Screw Retained Prostheses	D2.9/d3.7/L1	9
3102.3	Abutment STANDARD – angulated	D2.9/d3.7/15°/L3	8
31042.3	Abutment for Screw Retained Prostheses	D2.9/d3.7/L2	9
3112.3	Abutment STANDARD – angulated	D2.9/d3.7/25°/L3	8
3122.3	Healing cylinder esthetic – wide	D2.9/d4.7/L2	7
3132.3	Straight STANDARD Abutment – wide	D3.7/d4.8/L3	8
3142.3	Angul. STANDARD Abutment – wide	D3.7/d4.8/15°/L3	8
3152.3	Angul. STANDARD Abutment – wide	D3.7/d4.8/25°/L3	8

Ref. No.	Product name	Specification	Page
32042.3	Abutment for Screw Retained Prostheses	D2.9/d3.7/L3	9
325.3	Abutment STANDARD – straight	D5.0/L3	8
33042.3	Abutment for Screw Retained Prostheses	D2.9/d3.7/L4	9
3322.3	Healing cylinder esthetic – wide	D2.9/d4.7/L4	7
335.3	Abutment STANDARD – angulated	D5.0/15°/L3	8
345.3	Abutment STANDARD – angulated	D5.0/25°/L3	8
346.3	Screw for TS Abutment	L3	6, 9
355.3	Abutment for Screw Retained Prostheses	D5.0/L3	9
4022.3	Healing cylinder – narrow	D5.0/L6	7
4102.3	Abutment STANDARD – angulated	D2.9/d3.7/15°/L4	8
4112.3	Abutment STANDARD – angulated	D2.9/d3.7/25°/L4	8
4132.3	Straight STANDARD Abutment – wide	D3.7/d4.8/L4	8
4142.3	Angulated STANDARD Abutment – wide	D3.7/d4.8/15°/L4	8
4152.3	Angul. STANDARD Abutment – wide	D3.7/d4.8/25°/L4	8
422.3	Healing cylinder – narrow	D3.7/d4.0/L4	7
425.3	Abutment STANDARD – straight	D5.0/L4	8
435.3	Abutment STANDARD – angulated	D5.0/15°/L4	8
445.3	Abutment STANDARD – angulated	D5.0/25°/L4	8
4524.3	Explantation Wrench	D5.0/L10/L22	16
455.3	Abutment for Screw Retained Prostheses	D5.0/L4	9
533.3	Open Tray Impression Post – wide	D3.7/d4.8	8,15
552.3	Screw for Abutment Platform D3.7	M2.3/L67	6, 7
553.3	Burn-out Coping with Shoulder for Cemented Prostheses (STANDADARD) – wide	D3.7/d4.8	15
622.3	Healing cylinder esthetic – wide	D3.7/d5.2/L2	7
633.3	Open Tray Impression Post – narrow	D3.7	15
652.3	Screw for Abutment Platform D5.0	M2.3/L78	6, 7
653.3	Burn-out Coping with Shoulder for Cemented Prostheses (STANDARD)	D5.0	15
6932.3	Retentive cap CLASSIC	055698	14
70113.3	Insertion Tool for Abutments of Screw Retained Prostheses – long	D2.9/D3.7/L11/L22	16
7113.3	Insertion Tool for Abutments of Screw Retained Prostheses – short	D2.9/D3.7/L5/L17	16
752.3	Screw for Abutment Platform D2.9	M1.6/90°/L73	6, 7
7932.3	Retentive cap CLASSIC elliptics	055887	14
822.3	Healing cylinder esthetic – wide	D3.7/d5.2/L4	7
8224.3	Hex Screwdriver mechanical	hex1.4	16, 17
8932.3	Activator for retentive cap CLASSIC	070197	14
933.3	Open Tray Impression Post – narrow	D2.9/d3.7	8, 15
9932.3	Deactivator retentive cap CLASSIC	070199	14
A0002.SZ.P	PrimeLOC Standard Low Retention Replacement Inserts, Blue, Set of 4 pcs.	700 g	13
A0003.SZ.P	PrimeLOC Standard Medium Retention Replacement Inserts, Pink, Set of 4 pcs.	1200 g	13
A0004.SZ.P	PrimeLOC Standard High Retention Replacement Inserts, Clear, Set of 4 pcs.	2200 g	13
A0005.SZ.P	PrimeLOC Standard Extended Pivot Low Retention Replacement Inserts, Red, Set of 4 pcs.	600 g	13
A0006.SZ.P	PrimeLOC Stanard Extended Pivot Medium Retention Replacement Inserts, Orange, Set of 4 pcs.	1000 g	13
A0007.SZ.P	PrimeLOC Standard Extended Pivot High Retention Replacement Inserts, Green, Set of 4 pcs.	1900 g	13
A0012.SZ.P	PrimeLOC Processing Spacer, Set of 4 pcs.		13
A0014.SZ.P	PrimeLOC Abutment Lab Analog (4mm Diameter), Set of 4 pcs.		13
A0015.SZ.P	PrimeLOC Impression Coping (includes black processing insert), Set of 4 pcs.		13
A0019.P	PrimeLOC System Tool, 2-Piece		13
A0055.S.ZTA.P	PrimeLOC Standard Processing Pack with Pink Anodized Denture Cap, Set of 2 pcs.		13
D01	Pontic, metal, in bridge for 3 and more implants		10
D02	Implant-supported unit, metal		10
D03	Custom abutment BioCam, metal		10

Ref. No.	Product name	Specification	Page
D04	Custom abutment BioCam, ZrO2		10
D07	Pontic, ZrO2		10
D08	Implant-supported unit, ZrO2		10
D10	SCAN and CAD		10
DII	BAR 2 STL	Ceka Preci-Horix	10
DI2	BAR 3 STL	Ceka Preci-Horix	10
DI3	BAR 4 STL	Ceka Preci-Horix	10
DI4	BAR 2 PRECISION	Ceka Preci-Horix	10
D15	BAR 3 PRECISION	Ceka Preci-Horix	10
D16	BAR 4 PRECISION	Ceka Preci-Horix	10

# Terms and conditions

## GENERAL BUSINESS TERMS AND CONDITIONS

## PRICING

All the above prices are exworks (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, 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 days after receipt of the order or payment. If a particular product is not available in the main warehouse, delivery times may be several weeks.

#### PACKAGING

Implants are supplied in sterile packing. Other components of the implant system are not supplied sterile, but decontaminated in sealed transparent flat bags.

#### **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 incurred are charged over and above the list price for the goods.

#### VALIDITY

The price list is valid from January 1, 2025.

## CONTACT AND ORDERS

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