LASAK

Product catalog 2014/2015

Implant system

Contents

IMPLADENT Implant System

A MANUFACTURER WITH A LONG TRADITION

Since 1992, LASAK Ltd., as a research-oriented medical technology company, has been focusing on systematic research and development of bone regeneration materials and implants used in dental implantology, neurosurgery, orthopaedics and traumatology. LASAK offers its clients modern, safe and clinical verified solutions at the highest technological level.

IMPLANT SYSTEM

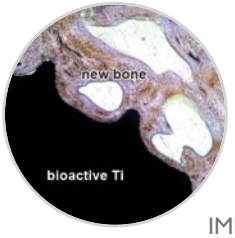
The IMPLADENT implant system includes ACCEL – tapered implants offering easy insertion and high primary stability in soft bone as well as straight implants for easy positioning in dense bone. The horizontal and vertical set-off of the implant-abutment connection from the bone level together with the implant mini-threads, contribute to the stability of the marginal bone and soft tissues surrounding the abutment and provide improved restoration aesthetics. The state-of-theart implant construction enables safe and precise insertion and optimized load distribution in the bone tissue. Implants are available with a unique bioactive, sand-blasted or HA coated surface. A single system organizer provides instruments for the insertion of implants with both tapered and straight design.

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.

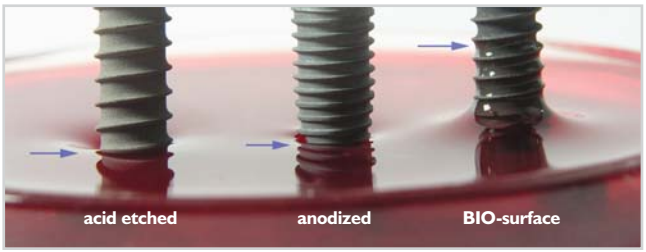
WHY IMPLADENT FROM LASAK?

- Long-term scientific documentation
- Unique hydrophilic bioactive nanostructured titanium surface
- Exceptionally universal application
- Option of reduced treatment time – safe early and immediate loading
- Tapered and straight implants for both soft and dense bone in one organizer
- One universal prosthetic platform yielding maximum flexibility
- Wide range of prosthetic components ensuring perfect esthetic results
- Cost-effective temporary treatment



BIO – THE FIRST NANOSTRUCTURED, HYDROPHILIC, BIOACTIVE SURFACE

As a result of long-term, continuous research into biomaterial – body environment interactions, the IMPLADENT system is the first implant system on the market that is able to offer unique nanostructured, hydrophilic and 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 BIO-surface implants has been documented for even the most demanding indications.



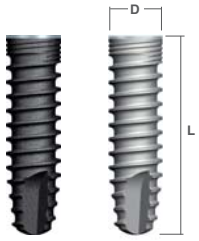
SCIENTIFIC DOCUMENTATION

We will be glad to send you an 82-page summary of selected clinical and experimental studies documenting the long-term clinical performance and scientific background of LASAK products.

Implants – straight

- Straight design optimized for dense bone
- Maximum preservation of bone structure
- Unique nanostructured, hydrophilic, bioactive titanium surface

Implants – series 2.9	2.9	L10	L12	L14	L16
D2.9 SB		01101:3	02101:3	03101:3	04101:3



Implants – series 3.7	3.7	L6	L8	L10	L12	L14	L16
D3.7 BIO		00051:3	00151:3	00251:3	00351:3	00451:3	00551:3
D3.7 SB			00181:3	00281:3	00381:3	00481:3	00581:3

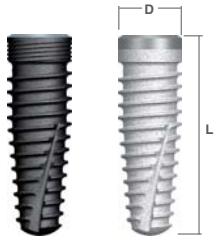
Implants – series 5.1	5.1	L6	L8	L10	L12	L14	L16
D5.1 BIO		00551:3	00151:3	00251:3	00351:3	00451:3	00551:3
D5.1 SB			00181:3	00281:3	00381:3	00481:3	00581:3

BIO Nanostructured hydrophylic BIOactive surface
SB Sand-blasted surface

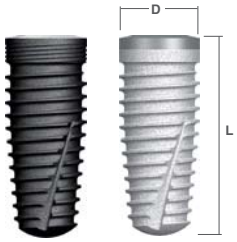
Sterile cover screw is supplied with the implant.

Implants – ACCEL – tapered

- Platform switching for marginal bone stability
- Optimized for achieving high primary stability in soft bone
- One universal prosthetic platform providing maximum flexibility



Implants – series 4.4 (4.4)	L8	L10	L12	L14	L16
D4.4 BIO-ACCEL – tapered	0121:3	0221:3	0321:3	0421:3	0521:3
D4.4 HA-ACCEL – tapered		0261:3	0361:3	0461:3	0561:3



Implants – series 5.6 (5.6)	L8	L10	L12	L14	L16
D5.6 BIO-ACCEL – tapered	111:3	211:3	311:3	411:3	511:3
D5.6 HA-ACCEL – tapered		201:3	301:3	401:3	501:3

BIO Nanostructured hydrophylic BIOactive surface
HA Hydroxyapatite coating

The titanium high-tech implant carrier holds the implant securely in the glass container and protects it from damage. The highly durable connection of the implant carrier with an insertion wrench enables non-contact transfer and comfortable, non-slip handling when manipulating the implant. The shape of the implant carrier clearly indicates the position of the implant shoulder. The implant carrier is 4.5 mm in diameter and thereby gives an idea to the surgeon about the future minimal dimensions of the prosthetic solution – especially in narrow gaps. The rim helps to identify the vertical position of the implant especially when submerging the implant subcrestally or transgingivally. The lower edge of the rim is 2.0 mm above the implant level. To facilitate the prosthetic restoration with pre-designed abutments (e.g. Esthetic PLUS abutment) position the circular marks buccally or in the direction of the expected abutment angulation.

Sterile cover screw is supplied with the implant.

Healing cylinders

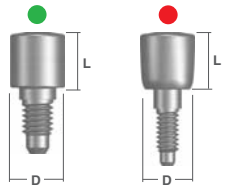
Prosthetic platforms

Prosthetic and laboratory components for D3.7 implants (green prosthetic platform) can be used without limitation with all other implant lines of larger diameter (D4.4, D5.1, D5.6).

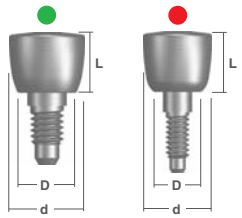
Components of the red prosthetic platform must be used with D2.9 implants.

Extra strong abutment screw M2.3^{con}

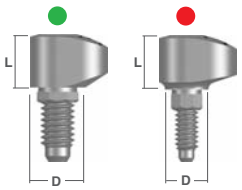
The abutment screw of the green prosthetic platform 3.7 is, with its diameter of 2.3 mm, at least 30 % stronger than conventional screws M2.0. The stronger screw gives extra strength to the implant-abutment connection and allows a high tightening torque. This minimizes the risk of any eventual gap from lateral loading, especially when used with implants of a wider diameter. The stronger screw gives extra stability to the linear anchored restorations and to other restorations supported by non-optimally placed implants. The cone under the screw head provides reliable, tight locking of the screw and prevents its eventual loosening.



Healing cylinders – narrow		L2	L4	L6
D3.7/d4.0 narrow	●	222.3	422.3	3822.3
D2.9/d3.9 narrow	●	1022.3	1222.3	3622.3



Healing cylinders esthetic – wide		L2	L4	L6
D3.7/d5.2 wide	●	622.3	822.3	3722.3
D2.9/d4.7 wide	●	3122.3	3322.3	3522.3



Healing cylinders for angulated abutments for screw-retained prostheses		L2	L3	L4
D3.7	●	4422.3	4522.3	4622.3
D2.9	●	4122.3	4222.3	4322.3

Originally supplied fixation screws are not interchangeable with any other.

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)
d – relates to the actual diameter in specific cases

The healing cylinder should extend over the edge of the adapted soft tissue by 1.0 to 2.0 mm, thus preventing the healing cylinder becoming covered by edematous tissue during the post-operative period. The healing cylinder's diameter must match the diameter of the abutment to be used in the prosthetic work.

Planning of the restoration on the model

The prosthetic planning kit allows for the optimal planning of the restoration with IMPLADENT 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.
Plastic abutments are available for both prosthetic platforms – red for platform 2.9, green for platform 3.7.

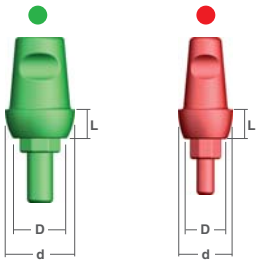
If you don't find a suitable abutment in the kit, please use the individual solutions, BioCam® or Cast-On, see pages 14–15.

new

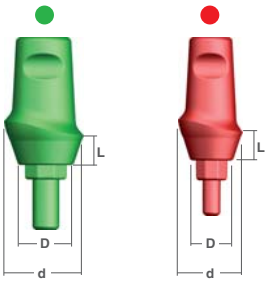
Prosthetic planning kit

Prosthetic planning kit, incl. plastic abutments – 4 pcs. of each type (total 244 pcs.)	1807.00

Spare plastic abutments



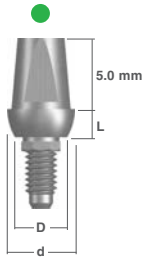
Prosthetic planning kit – plastic abutments STANDARD		L1	L2	L3	L4
D3.7/d3.7 – straight, narrow	●	1822.01	1822.02	1822.03	1822.04
D3.7/d4.8 – straight, wide	●	1823.01	1823.02	1823.03	1823.04
D3.7/d4.8/15° – angulated, wide	●	1824.01	1824.02	1824.03	1824.04
D3.7/d4.8/25° – angulated, wide	●	1825.01	1825.02	1825.03	1825.04
D2.9/d3.7 – straight, narrow	●	1813.01	1813.02	1813.03	1813.04
D2.9/d3.7/15° – angulated, narrow	●	1814.01	1814.02	1814.03	1814.04
D2.9/d3.7/25° – angulated, narrow	●	1815.01	1815.02	1815.03	1815.04



Prosthetic planning kit – plastic esthetic abutments PLUS		L1	L2	L4
D3.7/d4.0 – straight, narrow	●	1816.01	1816.02	1816.04
D3.7/d4.0/15° – angulated, narrow	●	1817.01	1817.02	1817.04
D3.7/d4.0/25° – angulated, narrow	●	1818.01	1818.02	1818.04
D3.7/d5.4 – straight, wide	●	1819.01	1819.02	1819.04
D3.7/d5.4/15° – angulated, wide	●	1820.01	1820.02	1820.04
D3.7/d5.4/25° – angulated, wide	●	1821.01	1821.02	1821.04
D2.9/d3.8 – straight, narrow	●	1808.01	1808.02	1808.04
D2.9/d3.8/15° – angulated, narrow	●	1809.01	1809.02	1809.04
D2.9/d4.4 – straight, wide	●	1810.01	1810.02	1810.04
D2.9/d4.4/15° – angulated, wide	●	1811.01	1811.02	1811.04
D2.9/d4.4/25° – angulated, wide	●	1812.01	1812.02	1812.04

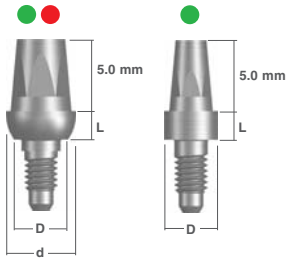
STANDARD abutments for cemented prostheses

- Allows chair-side selection of the best suitable abutment
- Easy and straightforward impression
- Wide choice of cuff (L) and angulations

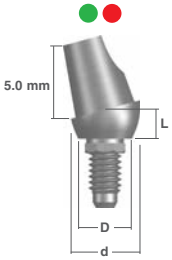


STANDARD abutments for cemented prostheses – straight		L1	L2	L3	L4
D3.7/d4.8 wide	●	1132.3	2132.3	3132.3	4132.3

Spare abutment screw for abutment D3.7/d4.8 may be ordered separately under Ref. No. 552.3.



STANDARD abutments for cemented prostheses – straight		L1	L2	L3	L4
D3.7/d3.7 without octagon narrow	●	112.3	212.3	312.3	412.3
D3.7/d4.8 without octagon wide	●	10122.3	20122.3	30122.3	40122.3
D2.9/d3.7 without octagon narrow	●	152.3	252.3	352.3	452.3



STANDARD abutments for cemented prostheses – angulated		L1	L2	L3	L4
D3.7/d4.8/15° wide	●	1142.3	2142.3	3142.3	4142.3
D3.7/d4.8/25° wide	●	1152.3	2152.3	3152.3	4152.3
D2.9/d3.7/15° narrow	●	1102.3	2102.3	3102.3	4102.3
D2.9/d3.7/25° narrow	●	1112.3	2112.3	3112.3	4112.3

Spare abutment screws may be ordered separately under Ref. No. 552.3 for green platform abutments and Ref. No. 752.3 for red platform abutments.

IMPRESSION – implant level see pages 20–21

Open tray impression post			Implant analog		
D3.7/d4.8 wide	●	533.3	D3.7 with retention	●	513.3
D2.9/d3.7 narrow	●	933.3	D2.9 with retention	●	813.3

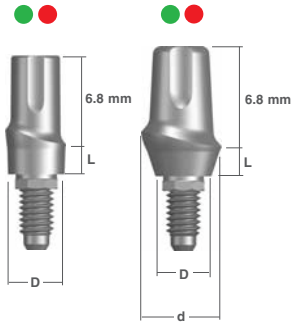
Abutment not suitable for single tooth restoration.

Use a new abutment screw for the final abutment tightening.
Tightening torque of abutment screw is 35 Ncm.

Esthetic PLUS abutments for cemented prostheses

- Emergence profile similar to natural tooth
- Extra robust design
- Easily scanable

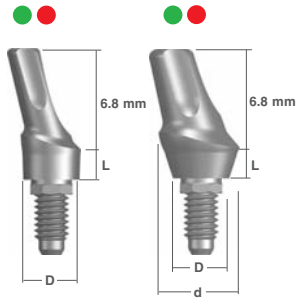
The re-designed LASAK Esthetic PLUS abutment is an universal supraconstruction generally usable for almost all kinds of cement retained restorations. It gives the technician more flexibility when shaping the abutments according to individual requirements. The shape of the abutment predetermines it for use when restoring frontal teeth. The extra robust design of the abutment gives superior stability and offers extra surface for the bond when used posteriorly. The oval shape resembles the emergence profile of a natural tooth. The curve of the abutment shoulder allows for easy scanning by almost all kinds of dental scanning systems, and for easy wax-up. Double guide slots ensure perfect positioning of the crown when cemented.



Esthetic PLUS abutments for cemented prostheses – straight

	L1	L2	L4
D3.7/d4.0 narrow ●	15252	25252	45252
D3.7/d5.4 wide ●	515252	525252	545252
D2.9/d3.8 narrow ●	1121.01	1121.02	1121.04
D2.9/d4.4 wide ●	615252	625252	645252

Spare abutment screws may be ordered separately under Ref. No. 552.3 for green platform abutments and Ref. No. 752.3 for red platform abutments.



Esthetic PLUS abutments for cemented prostheses – angulated

	L1	L2	L4
D3.7/d4.0/15° narrow ●	15192	25192	45192
D3.7/d4.0/25° narrow ●	15202	25202	45202
D3.7/d5.4/15° wide ●	515192	525192	545192
D3.7/d5.4/25° wide ●	515202	525202	545202
D2.9/d3.8/15° narrow ●	1122.01	1122.02	1122.04
D2.9/d4.4/15° wide ●	615192	625192	645192
D2.9/d4.4/25° wide ●	615202	625202	645202

Spare abutment screws may be ordered separately under Ref. No. 552.3 for green platform abutments and Ref. No. 752.3 for red platform abutments.

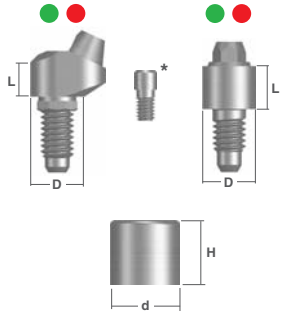
IMPRESSION – implant level see pages 20–21

Open tray impression post		Implant analog	
D3.7/d4.8 wide	● 533.3	D3.7 with retention	● 513.3
D2.9/d3.7 wide	● 1233.3	D2.9 with retention	● 813.3

Use a new abutment screw for the final abutment tightening.
Tightening torque of abutment screw is 35 Ncm.

Abutments for screw-retained prostheses

- Easily revisible restoration
- Both occlusal and transversal fixation possible
- TS abutments suitable for single crowns and bridges

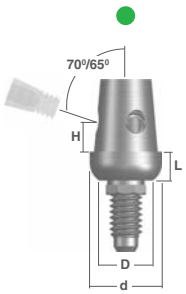


Abutments for screw-retained prostheses		L1	L2	L3	L4
D3.7/d3.7 narrow	●	10042.3	11042.3	12042.3	13042.3
D3.7/d4.8 wide	●	20042.3	21042.3	22042.3	23042.3
D2.9/d3.7 narrow	●	30042.3	31042.3	32042.3	33042.3
D3.7/25° angulated	●		230202	240202	250202
D2.9/25° angulated	●		130202	140202	150202
Healing cap for abutments for screw-ret. prosth. D3.7/d4.8/H4.5					2333.3

* Spare bridge screws may be ordered separately under Ref. No. 1641.3.
Spare abutment screws may be ordered separately under Ref. No. 552.3 for green platform abutments and Ref. No. 752.3 for red platform abutments.

IMPRESSION – abutments level see pages 20–21

Impression coping			Abutment analog		
D3.7 (D2.9)/H8 narrow	● ●	12033.3	D3.7 (D2.9)/H8 narrow	● ●	7013.3
D3.7/d4.8/H8 wide	●	12233.3	D3.7/d4.8 wide	●	413.3



TS abutments for screw-retained prostheses		L1	L2	L3
D3.7/d5.0/H2.0/70°	●	116.3	126.3	136.3
D3.7/d5.0/H2.5/70°	●	216.3	226.3	236.3
D3.7/d5.0/H3.0/70°	●	316.3	326.3	336.3
D3.7/d5.0/H2.0/65°	●	416.3	426.3	436.3
D3.7/d5.0/H2.5/65°	●	516.3	526.3	536.3
D3.7/d5.0/H3.0/65°	●	616.3	626.3	636.3

Spare abutment screws may be ordered separately under Ref. No. 552.3 for green platform abutments.

Transversal screws		
L1	●	146.3
L2	●	246.3
L3	●	346.3
L4	●	446.3

IMPRESSION – implant level see pages 20–21

Open tray impression post			Implant analog		
D3.7/d4.8 wide	●	533.3	D3.7 with retention	●	513.3

For TS abutments, the angle between the axis of the abutment and the axis of the fastening screw has been constructed to enable the easy fixation of the prosthesis. The standard angle used is 70°, whereas for implants with an oral slope the angle is 65°. The height of the hole (H) and head length (L) of the transversal screw should be chosen according to the anatomy of the crown.

Abutment not suitable for single tooth restoration.

Tightening torque of abutment screw is 35 Ncm.
Tightening torque of bridge and transversal screw is 15 Ncm.

LASAK

Comprehensive offer for dental implantology

Cost-effective Implant System

- Fast osseointegration
- Long term clinical performance documentation

Individual Solutions

- Perfect passive fit of BioCam bridges
- Flexible service

- Cast-On abutments for anatomically optimal solution
- Case specific angulation
- Time and cost-effective

Individual prosthetic solutions

Cast-On – customizable abutment

The LASAK Cast-On abutment is an 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 the case where usual system abutments cannot be used.

Cast-On abutment for LASAK Impladent

Cast-On abutment, LASAK Impladent D3.7, with octagon	●	1161.00

Cast-On abutment, compatible with NobelReplace™

NBR RP, indexed		9300.00
NBR WP, indexed		9301.00
new NBR NP, indexed		9306.00

new Cast-On abutment, compatible with NobelActive™

NBA NP*, indexed		9312.00
NBA RP*, indexed		9313.00

Cast-On abutment, compatible with Straumann® SynOcta®

SSO RN, indexed		9302.00
SSO WN, indexed		9303.00

new Cast-On abutment, compatible with Straumann® Bone Level

SBL NC*, indexed		9310.00
SBL RC*, indexed		9311.00

Cast-On abutment, compatible with AstraTech®

ATS 3.5/4.0, indexed		9304.00
ATS 4.5/5.0, indexed		9305.00

***Available in 1Q 2014.**

BioCam® bridges and abutments

BioCam® technology represents a unique production system of precise superstructures which allows 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.

BioCam® bridges	Pontic (price/unit)	Implant-supported unit (price/unit)
BioCam® bridge Ti, Cr-Co	D01	D02
BioCam® bridge ZrO2*	D07	D08
Fixing screw		
SCAN/CAD	D10	

* Fixing screws are delivered with the Ti abutments and are included in price.
Fixing screws are not included in the price of superstructure. The price is by delivering STL data.

new

BioCam® custom abutments

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

* It is delivered with Ti abutment.
Custom abutments always contain compatible screws. The price is by delivering STL data.
BioCam® bridges and abutments are available for these implant systems: LASAK Impladent and BioniQ, Astra Tech®, NobelActive™, NobelReplace®, Straumann® Bone Level and SynOcta®.

new

BioCam® modeling abutments

IMPLADENT D3.7, without octagon	●	1827.00
IMPLADENT D3.7, with octagon	●	1828.00

BioCam® abutments LASAK Impladent

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

new

BioCam® scanbodies

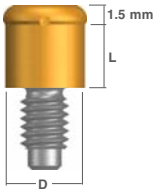
IMPLADENT D3.7, with octagon	●	1801.00
IMPLADENT D2.9, with octagon	●	1802.00

The small BioCam® bridges are delivered within 3–5 working days and the large BioCam® bridges are delivered within 5–7 working days. For more information ask for the BioCam® leaflet and price list.

Abutment not suitable for single tooth restoration.

Attachments LOCATOR

- Dual retention
- Self-aligning feature
- Minimal vertical height



The diameter of the LOCATOR abutment is 3.85 mm. In the case of even minimal override of marginal bone to the implant platform make sure to remove it with the help of a cover screw mill (Ref. No. 814.3). 1.5 mm of the bronze-coloured LOCATOR part should remain supragingival to be able to retain the over-denture.

Attachments LOCATOR		L0	L1	L2	L3	L4	L5
D3.7	●	01207	01208	01209	01210	01211	01212

LOCATOR processing package

LOCATOR processing package 2 pcs.	08519-2

LOCATOR replacement inserts

blue 680 g, 4 pcs.	08529
pink 1361 g, 4 pcs.	08527
clear 2268 g, 4 pcs.	08524
red 680 g, extended range, 4 pcs.	08548
orange 907 g, extended range, 4 pcs.	08915
green 1814 g, extended range, 4 pcs.	08547

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

Instruments

LOCATOR driver for ratchet	09999
LOCATOR core tool	08393

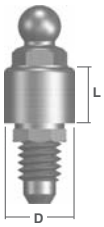
IMPRESSION and laboratory components

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

Tightening torque of LOCATOR is 35 Ncm.

Ball attachments

- Long established, reliable and cost-effective solution
- Optimum combination – titanium/gold
- Retention strength repeatedly adjustable



Ball attachments CLASSIC		L1	L2	L3	L4	L6
D3.7/d3.7	●	21432:3	22432:3	23432:3	24432:3	26432:3
D2.9/d3.7	●	55432:3	56432:3	57432:3	58432:3	60432:3

Retentive cap CLASSIC	
Retentive cap CLASSIC	6932.3
Retentive cap CLASSIC elliptic	7932.3

Retentive cap CLASSIC Plus	
Retentive cap CLASSIC Plus	055752
Retentive cap CLASSIC Plus elliptic	055890

Starter set CLASSIC	
Starter set CLASSIC 2 (ball attachments 2x, retentive cap 2x, space maintainer 2x, activator, deactivator)	13932.3
Starter set CLASSIC 6 (ball attachments 6x, retentive cap 6x, space maintainer 6x, activator, deactivator)	14932.3

Instruments	
Activator for retentive cap CLASSIC	8932.3
Deactivator for retentive cap CLASSIC	9932.3

Retentive cap driver CLASSIC Plus	072609

Protective ring fitting tool CLASSIC	10932.3

Insertion wrench, short L5	2024.3
Insertion wrench, long L13	324.3

Space maintainer for ball attachment CLASSIC	● ●	543:3

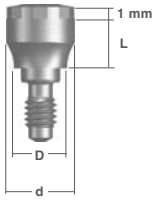
When using ball attachments, the height of the cuff (L) should be level with, or 1.0 mm above, the gingiva. Sufficient space should always be left to enable the retentive cap to be affixed using the self-curing base resin and to retain the necessary mechanical resistance of the basal resin during the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

Tightening torque of attachment is 35 Ncm.

Attachments Titanmagnetics

- Well-suited for facial prostheses
- Applicable even for very disparallel implants
- Self-centering – easy delivery and removal

Titanmagnetics X-LINE



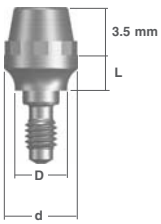
The diameter of the X-LINE magnetic attachment is 4.8 mm. 1.0 mm of the attachment should remain supragingival to enable the tightening of attachment with the tightening tool fitting externally. The tightening torque is 20 Ncm. The prostheses magnet exceeds the height of the attachment by a further 1.6 mm. For possible combinations of Titanmagnetics attachments ask for "The IMPLADENT Way to the Facial Prostheses" manual.

Attachments Titanmagnetics		 **L3.5**	 **L5**
X-Line D3.7/d4.8	●	I.50.01.X450	I.50.01.X600

Facial prostheses magnet	U.00.01.X265

Torque wrench insert	H.00.04.X2

Titanmagnetics K-LINE



The K-LINE magnetic attachment features a 10° cone, which helps to avoid lateral movements. The diameter of the K-LINE magnetic attachment is 5.2 mm. 3.5 mm of the attachment should remain supragingival to enable the tightening of attachment with the tightening tool fitting externally. The tightening torque is 20 Ncm. The prostheses magnet exceeds the height of the attachment by a further 1.6 mm. For possible combinations of Titanmagnetics attachments ask for "The IMPLADENT Way to the Facial Prostheses" manual.

Attachments Titanmagnetics		 **L2.5**
K-Line D3.7/d5.2	●	I.50.01.K350

Facial prostheses magnet	U.00.01.K500

Torque wrench insert	H.00.04.K2

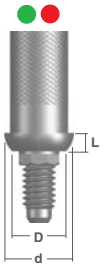
IMPRESSION – implant level see pages 20–21

Open tray impression post D3.7/d4.8 wide	●	533.3	Implant analog D3.7 with retention	●	513.3

Tightening torque of attachment is 20 Ncm.

Temporary abutments

A temporary abutment customized or with a temporary crown may be used instead of a healing cylinder to support anatomically optimal soft tissue sculpturing. A temporary abutment can easily be customized chair-side by the clinician.



			L1	L3
	D3.7/d4.8 Ti	●	1055.3	1255.3
⊘	D3.7/d4.8 Ti without octagon	●	1455.3	1655.3
	D2.9/d3.7 Ti	●	0165.3	0365.3
⊘	D2.9/d3.7 Ti without octagon	●	1165.3	1365.3
	D3.7/d4.8 PEEK	●	01055.3	01255.3
⊘	D3.7/d4.8 PEEK without octagon	●	01455.3	01655.3

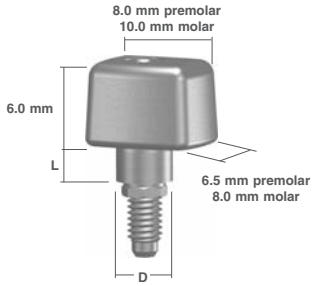
The originally supplied abutment screws of PEEK abutments are not interchangeable with any other.

FreeShape

If any pre-designed abutment does not meet individual demands, or if there is a special requirement on the mucosal margins, the FreeShape abutment can be shaped to the requested form. When used for extreme angulations make sure not to overload the implant. An non-axially loaded implant and its bone-bed can only withstand much lower static and dynamic forces.

FreeShape D3.7	●	1357.3
FreeShape D2.9	●	1257.3

Ortho-abutment



The IMPLADENT ortho-abutment with the bonding base is offered for anchoring orthodontic apparatus in combination with usual IMPALDENT implants. The abutment is made from grade -5 titanium and is provided in two cuff heights L2 and L4 mm. It features 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. The area for the adhesive can be pretreated with a metal primer or roughened with a rotary grinding instrument to improve bonding strength. The orthodontic apparatus should be checked regularly for loosening. The various components should be cleaned thoroughly by the patient and kept hygienically clean.

		L2	L4
D3.7 premolar	●	2652.3	4652.3
D3.7 molar	●	2802.3	4802.3

Each packaging contains the abutment, the bonding base and a fixing screw.
The fixing screws are not interchangeable with any other.

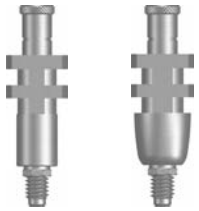
IMPRESSION – implant level see pages 20–21

Open tray impression post			Implant analog	
D3.7/d4.8 wide	●	533.3	D3.7 with retention	● 513.3

⊘ **Abutment not suitable for single tooth restoration.**

Tightening torque of Temporary PEEK abutment screw is 20 Ncm.
Tightening torque of abutment screw is 35 Ncm.

Impression components



Open tray impression post (fastening pin included)

D3.7/d3.7 narrow	●	633.3
D3.7/d4.8 wide	●	533.3
D2.9/d3.7 narrow	●	933.3
D2.9/d4.5 wide	●	1233.3

Closed tray impression post

D3.7/d4.8 wide	●	1533.3
D2.9/d3.7 narrow	●	1633.3

Closed tray impression technique, for implant series 3.7, can be used only after the healing cylinder D3.7/d4.8.

Impression abutment coping for cemented prostheses STANDARD

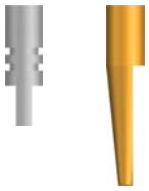
D3.7 (D2.9)	● ●	133.3
D3.7/d4.8 wide	●	433.3

Impression coping for screw-retained prostheses (fastening pin included)

D3.7 (D2.9)/H8	● ●	12033.3
D3.7/d4.8/H8	●	12233.3
D3.7 (D2.9)/H8 set of 5 pcs. (without pins)	● ●	22833.3

Index IMPLADENT

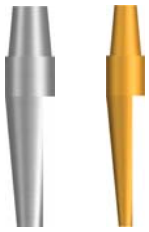
Index IMPLADENT pin D3.7/d4.8/L7	●	1701.07
Index IMPLADENT pin D3.7/d4.8/L10	●	1701.10
Index IMPLADENT pin D3.7/d4.8/L14	●	1701.14
Index IMPLADENT driver		1402.00



Implant analog

with retention D3.7	●	513.3
without retention D3.7	●	913.3
with retention D2.9	●	813.3
without retention D2.9	●	1013.3
with retention D3.7 set of 5 pcs.	●	5513.3
with retention D2.9 set of 5 pcs.	●	5813.3

Spare abutment screws may be ordered separately under Ref. No. 552.3 for green platform abutments and Ref. No. 752.3 for red platform abutments.



Abutment analog without retention for cemented prostheses – abutments STANDARD

without retention D3.7 (D2.9) narrow	● ●	313.3
without retention D3.7/d4.8 wide	●	613.3

Abutment analog for screw-retained prostheses

with retention D3.7 (D2.9) narrow	● ●	7013.3
with retention D3.7/d4.8 wide	●	413.3

Spare bridge screws may be ordered separately under Ref. No. 1641.3.

Burn-out coping for cemented prostheses – abutments STANDARD

with shoulder D3.7 (D2.9) narrow	● ●	453.3
without shoulder D3.7 (D2.9) narrow	● ●	253.3
with shoulder D3.7/d4.8 wide	●	553.3
without shoulder D3.7/d4.8 wide	●	353.3

Burn-out coping for screw-retained prostheses

D3.7 (D2.9)	● ●	1153.3

Instruments

- Instruments optimized for soft and dense bone preparation
- Instruments for both straight and tapered implants in one kit
- Instruments made from top quality, highly homogenous stainless steel

Drills – standard length

Point drill	214.3
Roundburr	2443.00
Pilot drill d1.5	2514.3
Drill d2.0	314.3
Final drill d2.5-C for screw implants D2.9	02214.3
Final drill d3.0-C for screw implants D3.7	01414.3
Drill d3.7-C	01514.3
Final drill d4.3-C for screw implants D5.1	03314.3
Drill set (314.3, 02214.3, 01414.3)	1403.00

Drills – short

Drill d2.0, short	4314.3
Final drill d2.5-C for implants D2.9, short	022214.3
Final drill d3.0-C for implants D3.7, short	21414.3
Drill d3.7-C, short	11514.3
Final drill d4.3-C for implants D5.1, short	23314.3

Drills for ACCEL – tapered implants

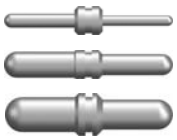
Final drill d4.4/L8 for implants D4.4	03414.3
Final drill d4.4/L10 for implants D4.4	13414.3
Final drill d4.4/L12 for implants D4.4	23414.3
Final drill d4.4/L14 for implants D4.4	33414.3
Final drill d4.4/L16 for implants D4.4	43414.3
Final drill d5.6/L8 for implants D5.6	06414.3
Final drill d5.6/L10 for implants D5.6	16414.3
Final drill d5.6/L12 for implants D5.6	26414.3
Final drill d5.6/L14 for implants D5.6	36414.3
Final drill d5.6/L16 for implants D5.6	46414.3

Counterbores and threadformers

Counterbore D2.9	1914.3
Threadformer D2.9-C	04324.3
Threadformer mechanical D2.9-C	04124.3
Counterbore D3.7	614.3
Threadformer D3.7-C	0714.3
Threadformer mechanical D3.7-C	02714.3
Counterbore D5.1	3514.3
Threadformer D5.1	03614.3
Threadformer mechanical D5.1	04114.3
Threadformer D4.4	053414.3
Threadformer D5.6	56414.3

Implant insertion wrench

- Secure implant manipulation
- Insertion of Ball attachments and solid straight STANDARD abutments
- Extension for all instruments compatible with the LASAK ratchet

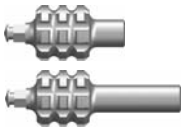


Paralleling pin

d1.5/2.0	1114.3
d3.0/3.7	1214.3
d4.3/5.0	5114.3

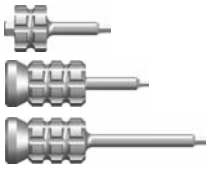
Depth gauge

Depth gauge d2.5 for implants D2.9	02314.3
Depth gauge d3.0 for implants D3.7	0914.3
Depth gauge d4.3 for implants D5.1	03914.3
Depth gauge d3.7 for implants D4.4	63414.3
Depth gauge d4.9 for implants D5.6	66414.3



Implant insertion wrench – Extension wrench

Implant insertion wrench, short L5/L17	2024.3
Implant insertion wrench, long L13/L25	324.3
Extend driver	4214.3



Hex hand screwdrivers intraoral

extra short hex 1.4/L11/L18	3224.3
short hex 1.4/L11/L25	2224.3
long hex 1.4/L21/L35	2524.3
for screw-retained prostheses short, hex 1.0/L11/L25	5224.3
for screw-retained prostheses long, hex 1.0/L21/L35	6224.3

Insertion tool for abutments of screw-retained prostheses

short D2.9, D3.7/L5/L17	7113.3
long D2.9, D3.7/L10/L22	70113.3

Explantation wrench

Explantation wrench L10/L22	4524.3

Instruments

Extend driver

- Precise axial control
- Optimum handling
- Multifunctional – accepts all IMPLADENT and usual rotational instruments

Implant insertion wrench – mechanical	0524.3

Drill extension	2445.00

Trephine

d4.5	2414.3
d6.0	5214.3

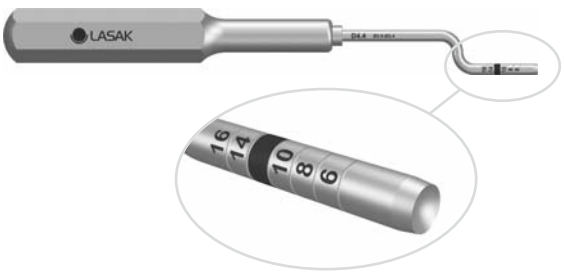
Cover screw mill

for implants D2.9	●	2014.3
for implants D3.7, D4.4, D5.1, D5.6	●	814.3

Use reverse motion.

Extend driver	4214.3

Bone condensers



d2.3 for implants D2.9	20114.3
d2.8 for implants D3.7	25114.3
d3.4 for implants D4.4	30114.3
d4.1 for implants D5.1	35114.3
d4.7 for implants D5.6	41114.3

Gingival height gauge D3.7	●	3114.3

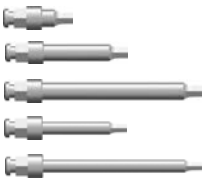
Ratchet

The ergonomic LASAK ratchet with it's torque adapter is designed for surgical as well as prosthetic application. It is manufactured from high-strength, corrosion-resistant stainless steel and withstands the most demanding working conditions. The easy-change reversible mechanism ensures a comfortable change of the working motion without the need to dismount the ratchet from the site.

Ratchet	2409.00

Guide wrench for ratchet	1024:3

Ring wrench	1724.3



Screwdrivers for ratchet

extra short, hex 1.4/L4	24224.3
short, hex 1.4/L11	4224.3
long, hex 1.4/L21	4024.3
for screw-retained prostheses short, hex 1.0/L11	44224.3
for screw-retained prostheses long, hex 1.0/L21	24024.3

Hex hand screwdriver extraoral

hex 1.4	2924.3
hex 1.0	2824.3

Hex screwdriver mechanical hex 1.4	8224.3

Additional components for the IMPLADENT system

Logically organized IMPLADENT instrument cassette

The IMPLADENT cassette and instrument organizer helps to intuitively arrange the instruments in the correct sequence. The single organizer contains instruments for both the IMPLADENT straight implants for dense bone, together with the ACCEL – tapered implants for soft bone. Furthermore, it contains all the instruments essential for the impression and fixation of cement-retained prosthetic restoration as well.

Instrument organizer and cassette

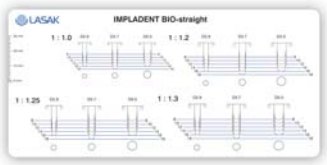
Plastic cassette with organizer for all implant lines	434.3
Instrument organizer insert for plastic cassette	0434.3

Prosthetic set

Prosthetic set IMPLADENT	834.3
Prosthetic set for cemented prostheses	734.3

Prosthetic set IMPLADENT contains: Ratchet with torque adapter*, Extension wrench*, Insertion tools for abutments of screw-retained prostheses – short and long, Hex hand screwdrivers hex 1.4* and hex 1.0 – short, long, Screwdrivers for ratchet hex 1.4* and hex 1.0 – short and long.
*Items included in prosthetic set for cemented prostheses.

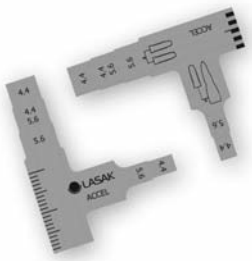
Planning accessories



Radiograph template

Radiograph template for straight implants	28.3
Radiograph template for ACCEL – tapered implants	29.3

Reference ball 5 mm	30.3



Surgical template

Straight	67414.3
ACCEL – tapered	68414.3

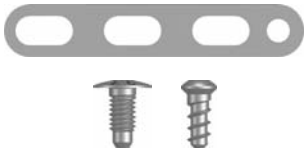
Additional components for the IMPLADENT system

Index IMPLADENT

In some cases an accurate registration of the occlusal relationship is an absolute necessity for optimum restoration. The Index IMPLADENT bite registration posts set offers one of the easiest and most reliable ways to transfer the arch relations to the master model. The set is available for the green prosthetic platform and contains re-usable posts in three various heights – L7 for limited occlusal space conditions, L10 for medium and L14 for really high gaps.

Grinding handle

Handle		84.3
Adapter D2.9	●	85.3
Adapter D3.7	●	86.3



Splint

Splint	1501.3
Bone screw for splint	2501.3
Cover screw for splint (D3.7, D4.4, D5.1, D5.6)	441.3

Explantation drill

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

Use reverse motion.

Patient demonstration model set

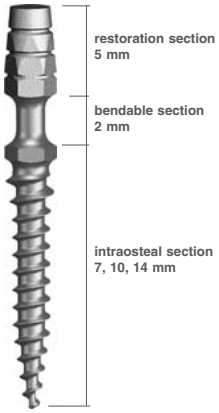
Patient demonstration model set (scale 2.5 : 1)	1901.00

Index IMPLADENT

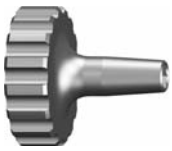
Index IMPLADENT pin D3.7/d4.8/L7	●	1701.07
Index IMPLADENT pin D3.7/d4.8/L10	●	1701.10
Index IMPLADENT pin D3.7/d4.8/L14	●	1701.14
Index IMPLADENT driver		1402.00

ProImplant

- Immediate provisional restoration
- Easy and straight forward insertion
- Compatible with IMPLADENT components



The LASAK ProImplant system enables esthetically demanding patients to be provided with a fixed restoration during the healing phase of permanent implants or graft sites. The installation procedure is straightforward and simple using an insertion wrench (manual or mechanical) and dedicated bending tool. After six months at the latest, or as soon as the permanent implants are restored, the ProImplants can easily be removed using the same instruments. The accessories such as insertion wrench, impression or laboratory components are fully compatible with the IMPLADENT system.



ProImplant – implants	**L7**	**L10**	**L14**
ProImplant – implants D2.1	5102.3	6102.3	7102.3

Insertion wrench	2344.3

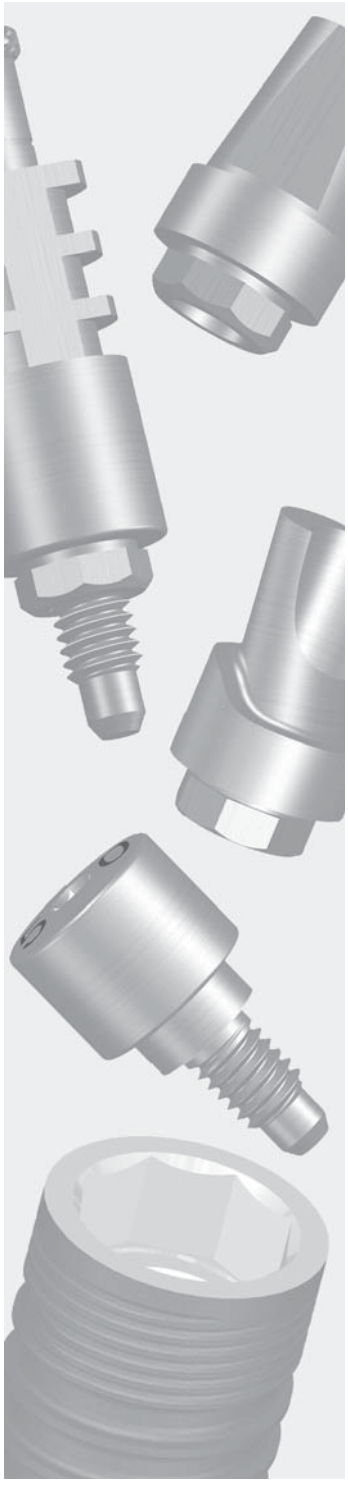
Drill	01314.3

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

IMPRESSION – abutments level see pages 20–21

Impression abutment coping		Abutment analog without retention	
D3.7 (D2.9) narrow	133.3	D3.7 (D2.9) narrow	313.3

Components for end-of-stock D5.0-C implants



Healing cylinders	L2	L4	L6
D5.0 narrow	2122.3	2322.3	4022.3

STANDARD abutments for cemented prostheses	L1	L2	L3	L4
D5.0 – straight	125.3	225.3	325.3	425.3
D5.0/15°	135.3	235.3	335.3	435.3
D5.0/25°	145.3	245.3	345.3	445.3

Esthetic PLUS abutments for cemented prostheses	L1	L2	L4
D5.0 – straight	315252	325252	345252
D5.0/15°	315192	325192	345192
D5.0/25°	315202	325202	345202

Abutments for screw -retained prostheses	L1	L2	L3	L4
D5.0	155.3	255.3	355.3	455.3
Insertion tool for abutments for screw-ret. prosth. L10/L22				4524.3

Ball attachments – CLASSIC	L1	L2	L3	L4
D5.0	41432:3	42432:3	43432:3	44432:3

Impression components	
Open tray impression post	1123.3
Impression abutment coping STANDARD	1133.3
Impression coping for screw-retained prostheses	2133.3

Laboratory components	
Implant analog with retention	1173.3
Abutment analog STANDARD without retention	1113.3
Abutment analog for screw-retained prost. with retention	1143.3
Burn-out copping STANDART with shoulder	653.3
Burn-out coping for screw-retained prostheses	2253.3

Please note, these implants are no longer being manufactured, but their components remain available.

Terms and conditions

IMPLADENT GUARANTEE TERMS AND CONDITIONS

LASAK Ltd. offers a ten-year guarantee on all **IMPLADENT** system implants introduced after January 1, 2003. In case of implant loss or failure within **ten 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 **IMPLADENT** system components, and in accordance with the manufacturer's recommendations, instructions and manuals.

Entitlement to guarantee:
Claims on the guarantee will be honoured providing original surgical and prosthetic components of the IMPLADENT 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 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 nor by any other persons. Any medical entity that is financially in debt to LASAK Ltd. for delivered goods or services is 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,
- as a result of a personal accident or a patient's inappropriate behaviour,
- due to 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 sterilised implant and other components used, to the business address of LASAK Ltd. within 30 days of the implant failure.

The conditions given 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

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, 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.

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.

VALIDITY – The price list is valid from January 1, 2014.

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.

LASAK

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