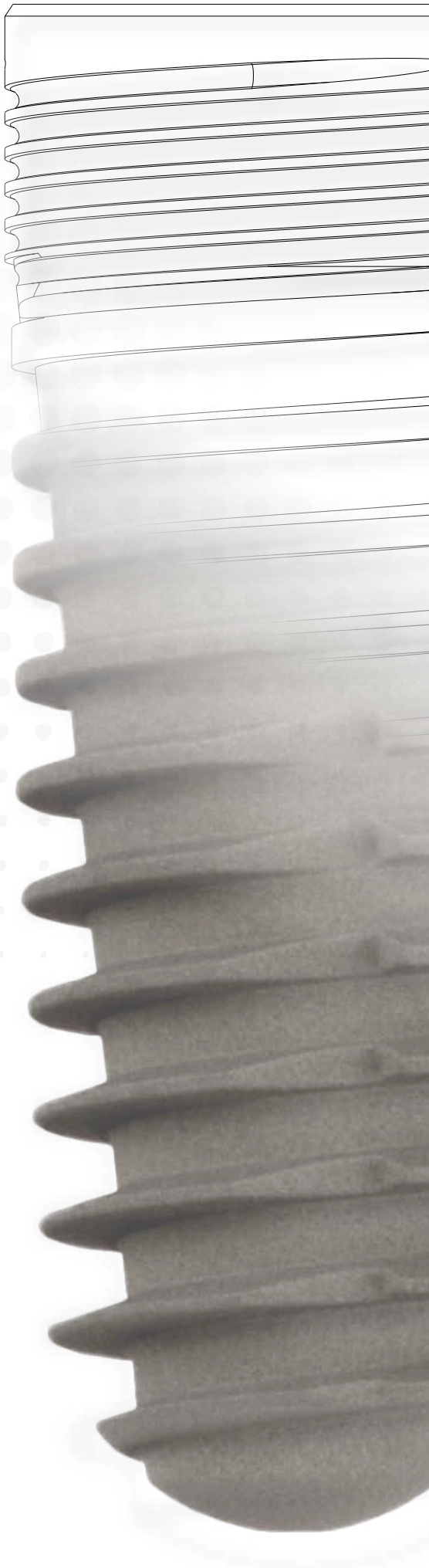


Product Catalog 2024

Precisions Implants

Made in Germany

v009_Jan2024

MCImplants

DENTAL IMPLANT SYSTEM

Precision Implants Made in Germany

Dental implantology not only demands excellent products, but also dedicated **product support, qualification, and advisement.** The partnership of all involved parties must be based on **trust, fairness, and reliability.** MCI is committed to living up to this principle every day.

made in Germany

10-year Warranty

Please request our warranty form in case of an implant failure to integrate into the bone or in case of implant loss. Send the completed form, along with the unsterilised implant in sterile packaging to MCI in Germany. We will provide a new implant of your choice free of charge.

MCI implants are medical devices that consistently meet the highest demands for **safety and comfort**. Every single implant undergoes thorough analysis after manufacturing and is placed in sterile packaging and given a traceable batch number. This ensures that the implant in your hands is consistently of the highest **precision and purity**.

We maintain a continuous dialogue with experts in surgery, prosthetics, and science to advance and optimize our products. All of our manufacturing processes and products are subject to permanent quality control.

MED CERT
EN ISO 13485
Unser Unternehmen ist über MED-CERT nach ISO 13485 CE-zertifiziert

We will be pleased to assist you. Questions or suggestions?
You can reach the MCI team at the following:

Telefon:
+49 2841-88271-0

Fax:
+49 2841-88271-20

eMail:
service@mci-implants.de

Web:
www.mci-implants.de

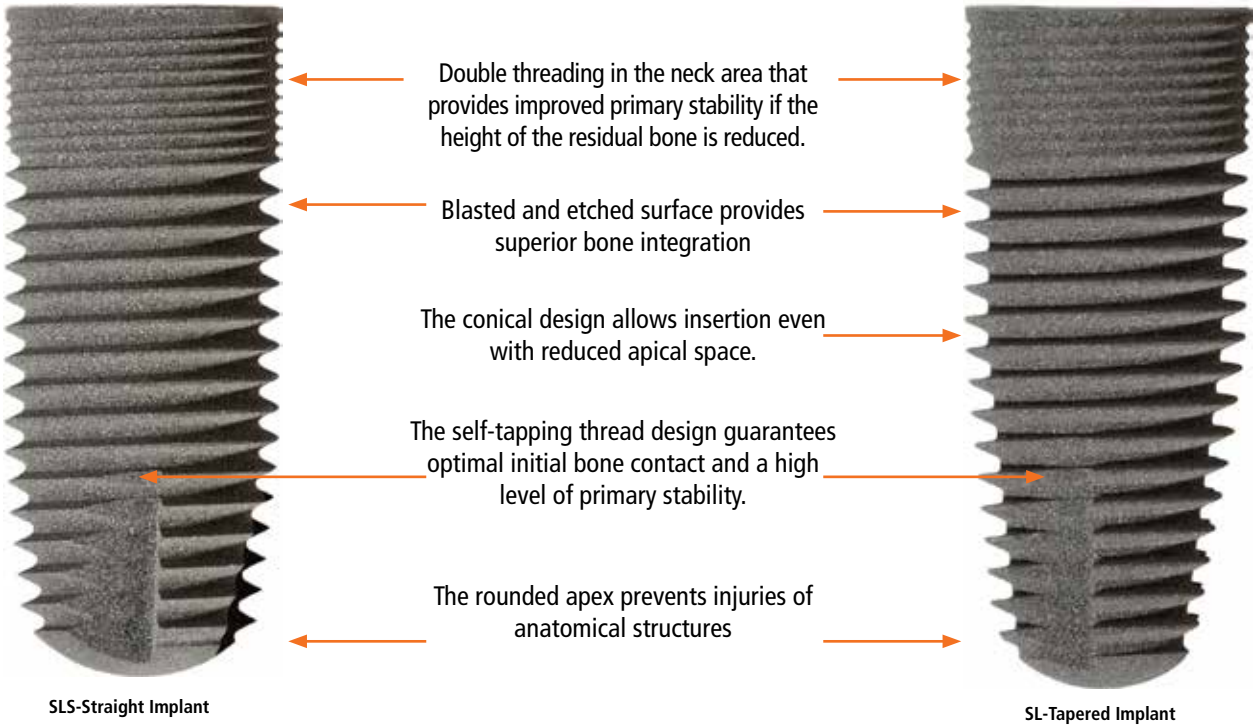
https://de-de.facebook.com/mci implants/

https://www.instagram.com/mci_implants/

SLS-Straight, SL-Tapered and Soft-Bone Implants

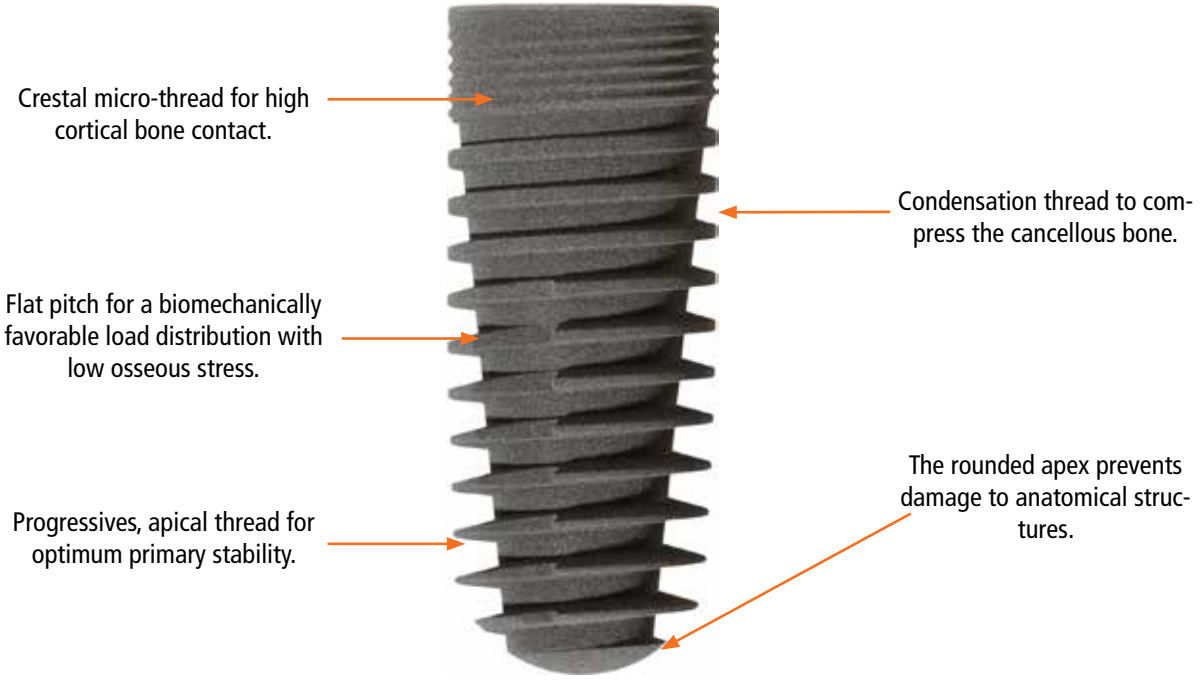
Implants for all Indications and Preferences

MCI offers a complete range of implants in many lengths and diameters, including the parallel walled SLS Straight implants as well as the root-shaped sinus lift and soft-bone implants, suitable for all indications. The implants feature a reliable hexagon socket connection with prosthetic components for all indications and offer optimal seal and physiological force transfer. MCI implants have a hydrophilic blasted and etched surface of the highest safety. All implant types share a common prosthetic platform.



SLS-Straight Implant

SL-Tapered Implant

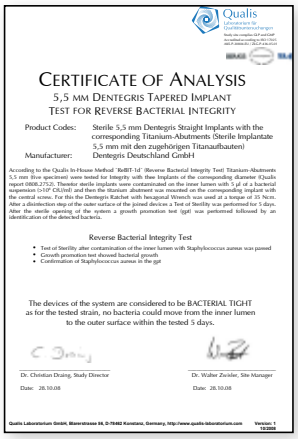


Soft-Bone Implant

Proven Bacteria-Tight Connection

Precision Made in Germany

The colonisation of implant cavities by oral pathogens represents a major factor in the development of periimplantitis, a condition that frequently leads to implant loss. The re-infection of the tissue around the implant that is caused by the permeability of the microscopic gap between the implant and the abutment for bacteria plays an important role in this process.



CERTIFICATE OF ANALYSIS

5,5 mm Dentegris Tapered Implant

Test for Reverse Bacterial Integrity

Product Codes: Sterile 5,5 mm Dentegris Straight Implants with the corresponding Titanium-Abutments (Sterile Implantate 5,5 mm mit den zugehörigen Titanaufbauten)

Manufacturer: Dentegris Deutschland GmbH

According to the Qualis In-House Method 'RelBT-1d' (Reverse Bacterial Integrity Test) Titanium-Abutments 5,5 mm (five specimen) were tested for Integrity with thee Implants of the corresponding diameter (Qualis report 0808.2752). Thereafter sterile implants were contaminated on the inner lumen with 5 µl of a bacterial suspension (>10⁶ CfU/ml) and then the titanium abutment was mounted on the corresponding implant with the central screw. For this the Dentegris Ratchet with hexagonal Wrench was used at a torque of 35 Ncm. After a disinfection step of the outer surface of the joined devices a Test of Sterility was performed for 5 days. After the sterile opening of the system a growth promotion test (gpt) was performed followed by an identification of the detected bacteria.

Reverse Bacterial Integrity Test

- Test of Sterility after contamination of the inner lumen with Staphylococcus aureus was passed
- Growth promotion test showed bacterial growth
- Confirmation of Staphylococcus aureus in the gpt

The devices of the system are considered to be BACTERIAL TIGHT as for the tested strain, no bacteria could move from the inner lumen to the outer surface within the tested 5 days.

Dr. Christian Draing, Study Director — Date: 28.10.08

Dr. Walter Zwisler, Site Manager — Date: 28.10.08

Qualis Laboratorium GmbH, Blaverstrasse 56, D-78462 Konstanz, Germany, http://www.qualis-laboratorium.com — Version: 1 10/2008

MCI has developed an implant/abutment connection with bacteria-tightness, a sophisticated conic fit, and exceptional manufacturing precision. An independent institute has tested this design with extensive test series and has issued a certificate confirming the bacteria tightness of the connection. Consequently, MCI implants significantly reduce the periimplantitis risks of patients and increase the success rate of implantologists.

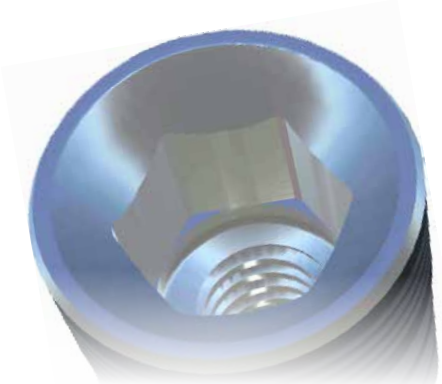
Implant Design with Calculated Functional Qualities

The so-called Finite Elements Analysis makes the strains of endosseous implants visible and provides information about their masticatory force transfer into the jaw bone. This is not only of essential significance for the service life of the implant, but also for the long-term health of the jaw bone.

The results of the Finite Elements Analysis show that the bone strain around the entire implant is within the physiological range. (Numeric simulations performed by Endowment Program for Oral Medical Technology, Bonn University)

Proven Internal Hexagon Connection

The optimal prosthetic stability and fit facilitate the placement of secondary components and impression posts. The tapered neck guarantees a more even distribution of occlusal forces, while the deep interior connection provides perfect control for a correct fit.



Surgical Boxes - With Stops

NEW

Best overview for relaxed work with our new washtrays:
The MCI surgery boxes make implantation easier: the graphical preparation and the color-coded instruments are self-explanatory and ensure a good overview during the operation.

Sauberkeit und Hygiene: MCI Washtrays are specially designed for reprocessing in RDG and steam sterilizers and offer better cleaning and disinfection performance than conventional surgical boxes. This is important to prevent the transmission of infections.

Organisation und Effizienz: Our wash trays are designed to keep all the instruments and materials needed for an implant surgery together in one place. This helps to improve the efficiency of the surgical procedure.

Comfort and ergonomics: MCI wash trays are lighter and easier to handle than conventional surgical boxes. This increases comfort during implantation.

We offer our surgery boxes for Safety Stop drills in a straight and a tapered version. The straight drills are suitable for preparing the implant bed of the SLS straight implants.

The tapered drills are used for the root-shaped SL tapered and soft bone implants. Our expert field staff will be happy to advise you on which surgery box suits your individual needs.

Choose between "Master" (including instruments for 5.5 mm implant diameter) and "Pro" (including drill with a length of 14.5 mm).

SLS-Straight and SL-Tapered Implants

SLS-Straight Implants

The SLS Straight implants of MCI combine the best features of leading implant systems: the globally successful parallel-walled design and a proven interior connection. It also features double threading in the neck area with extended surface to increase the contact between the bone and the implant surface.

SL-Tapered Implants

The conical shape of the SL Tapered implants resembles the form of a natural dental root. This makes it especially suitable for insertion immediately after an extraction or to achieve an aesthetically preferable implant position. The implant features double threading in the neck area that provides improved primary stability if the height of the residual bone is reduced. This creates maximum contact between the implant surface and the bone in conjunction with the extended surface.

SLS-Straight

Lenght	3.3	3.8	4.1	4.5	5.5
	Item no:	Item no:	Item no:	Item no:	Item no:
8.0 mm	–	38008-SLS	41008-SLS	45008-SLS	55008-SLS
10.0 mm	33010-ST	38010-SLS	41010-SLS	45010-SLS	55010-SLS
11.5 mm	33011-ST	38011-SLS	41011-SLS	45011-SLS	55011-SLS
13.0 mm	33013-ST	38013-SLS	41013-SLS	45013-SLS	55013-SLS
14.5 mm	33014-ST	38014-SLS	41014-SLS	45014-SLS	–

All implants come with a colour-coded cover screw. Requires 1,25 mm / 0.049" hex driver (see page 20).

SL-Tapered

Lenght	3.3	3.8	4.1	4.5	5.5
	Item no:	Item no:	Item no:	Item no:	Item no:
8.0 mm	–	38008-SL	41008-SL	45008-SL	55008-SL
10.0 mm	33010-ST	38010-SL	41010-SL	45010-SL	55010-SL
11.5 mm	33011-ST	38011-SL	41011-SL	45011-SL	55011-SL
13.0 mm	33013-ST	38013-SL	41013-SL	45013-SL	55013-SL
14.5 mm	33014-ST	38014-SL	41014-SL	45014-SL	–

All implants come with a colour-coded cover screw. Requires 1,25 mm / 0.049" hex driver (see page 20).

S&T Implants - Ø 3.3 mm

The S&T Implant with reduced diameter and a conical shape is designed for use with reduced bone or confined spaces. For the use as a single tooth denture it can be placed in the upper lateral incisors and the lower incisors.

Soft-Bone Implants

The Soft-Bone implant was specifically designed for use with structurally problematic bone conditions, but also has many universal uses. Thanks to the macro design of the threading, the implant offers outstanding primary stability.

Länge	3.8 Item no:	4.1 Item no:	4.5 Item no:	Preis/Stück
8.0 mm	38008-SB	41008-SB	45008-SB	159,00 €
10.0 mm	38010-SB	41010-SB	45010-SB	159,00 €
11.5 mm	38011-SB	41011-SB	45011-SB	159,00 €
13.0 mm	38013-SB	41013-SB	45013-SB	159,00 €
14.5 mm	38014-SB	41014-SB	45014-SB	159,00 €

All implants come with a colour-coded cover screw. Requires 1,25 mm / 0.049" hex driver (see page 20).

Indication Table

UPPER JAW	3.3	-	(+)	-	-	-	-	-
	3.8	+	++	+	+	+	(+)	(+)
	4.1	++	-	++	++	++	+	+
	4.5	++	-	++	++	++	++	++
	5.5	++	-	++	++	++	++	++
	TOOTH	1	2	3	4	5	6	7
LOWER JAW	3.3	(+)	(+)	-	-	-	-	-
	3.8	++	++	++	+	+	(+)	(+)
	4.1	-	-	++	++	++	+	+
	4.5	-	-	++	++	++	++	++
	5.5	-	-	++	++	++	++	++

- = not suitable
(+) = suitable, in conjunction with teeth or other implants only
\+ = suitable, preferably in conjunction with teeth or other implants
++ = suitable, including for individual crown without interconnection

Mini Ball Attachment Implants

The Mini Ball head implant is a cost-effective implant solution for the interforaminal area and can be implanted in a minimally invasive procedure without lobe formation under optimal conditions. MCI recommends the use of at least four Mini Ball implants to receive a total prosthesis in the lower jaw.

Mini-Kugelkopf Implantat

Mini Ball Attachment Implant

Lenght	Item no:
10.0 mm	2710-M
11.5 mm	2711-M
13.0 mm	2713-M

Zubehör/Instrumente	Art.-Nr.	Preis/Stück
2 mm Spiralbohrer für Mini-Kugelkopf Implantat	SB200	69,90 €
Versenker/Countersink für Mini-Kugelkopf Implantat	SV270	69,90 €
Einbringinstrument für Kugelkopf & DAAS	INS270-KUG	69,90 €

Matrizen und Zubehör siehe Seite 11 unter Matrizen/Zubehör

Healing Abutments

Aesthetic
Healing Abutments

Aesthetic Healing Abutments

Height	3.3 Item no:	3.8 4.1 Item no:	4.5 Item no:	5.5 Item no:
2.0 mm	330GFA02	3841GFA02	450GFA02	550GFA02
4.0 mm	330GFA04	3841GFA04	450GFA04	550GFA04
6.0 mm	330GFA06	3841GFA06	450GFA06	550GFA06

Standard
Healing Abutments

Standard Healing Abutments

Height	3.3 Item no:	3.8 4.1 Item no:	4.5 Item no:	5.5 Item no:
2.0 mm	330GFG02	3841GFG02	450GFG02	550GFG02
4.0 mm	330GFG04	3841GFG04	450GFG04	550GFG04
6.0 mm	330GFG06	3841GFG06	450GFG06	550GFG06

Requires 1,25 mm / 0.049" hex driver (see page 20).

Impression Posts | Model Analogs

Impression post, open 9 mm

Impression post, open high 13 mm

Impression post, closed

Model analog

Impression posts are available for closed and open tray impressions.

Impression Post, open tray

Height:	3.3 Item no:	3.8 4.1 Item no:	4.5 Item no:	5.5 Item no:
9.0 mm	330AO	3841AO	450AO	550AO
13.0 mm	330AOL	3841AOL	450AOL	550AOL

Impression Post, closed tray

Height:	Item no:	Item no:	Item no:	Item no:
11.0 mm	330AG	3841AG	450AG	550AG

Model Analog

Height:	Item no:	Item no:	Item no:	Item no:
12.0 mm	330MA	3841MA	450MA	550MA

Requires 1,25 mm / 0.049" hex driver (see page 20). Longer screws (5mm longer) are available in packs of four for the open impression posts with a height of 13.0mm (item no. 34SA5-4 or 55SA5-4).

AGP Impression post closed tray (Pick-up-technique)

The ultra-precise impression cap snaps gently into place, provides security, and avoids transfer errors. The AGP impression post has a shoulder height of 5mm or 7.5mm and therefore can be used with thicker gingiva securely.

3.3 | 3.8 4.1 | 4.5 | 5.5

AGP Impression Post incl. Impression Cap and Screw

Shoulder height	Item no:	Item no:	Item no:	Item no:
5.0 mm	330AGP	3841AGP	450AGP	550AGP
7.5 mm	330AGPL	3841AGPL	450AGPL	550AGPL

Impression Cap

for AGP/AGPL	Item no:	Item no:	Item no:	Item no:
	330AK	3841AK	450AK	550AK

Requires 1,25 mm / 0.049" hex driver (see page 20). For AGP Impression Post with 5.0mm and 7.5mm screws are also seperately available in packs of four (item no. 34AS-4 or 55SA5-4).

Titanium Abutments

Titanium abutments are especially suitable for cemented crowns/bridges and are available in straight and 15° or 25° angulated versions. They are provided with a retention screw.

3.3 | 3.8 4.1 | 4.5 | 5.5

Titanium Abutment, straight

Titanium Abutment, straight

Shoulder height	Item no:	Item no:	Item no:	Item no:
0 mm	330TA0	3841TA0	450TA0	550TA0
1.5 mm	330TA1	3841TA1	450TA1	550TA1
3.0 mm	330TA3	3841TA3	450TA3	550TA3

Titanium Abutment, 15° angulated

Titanium Abutments, 15° angulated

Shoulder height	Item no:	Item no:	Item no:	Item no:
1.5 mm	330TA115	3841TA115	450TA115	550TA115
3.0 mm	330TA315	3841TA315	450TA315	–

Titanium Abutment, 25° angulated

Titanium Abutments, 25° angulated

Shoulder height	Item no:	Item no:	Item no:	Item no:
1.5 mm	330TA125	3841TA125	450TA125	–
3.0 mm	330TA325	3841TA325	450TA325	–

Requires 1,25 mm / 0.049" hex driver (see page 20). Required torque: 30 to max. 35 Ncm. **The central screw should be tightened after a minimum of 10 minutes with the appropriate torque.** We recommend the laboratory screw LAB18 (available separately) for laboratory processing.

Castable Abutments | Crowns, bridges, and bars

These abutments feature a castable base and customizable cylinders of residue-free burnout plastic and can be used for screw-attached or cemented crowns, customized abutments for bridges and bars, as well as for producing primary components for double-crown technique. They are provided with a retention screw.

Gold plastic abutment with (white) and without (black) hexagon for positioning

Platinum iridium abutment with plastic sleeve, with (black) and without (white) hexagon for positioning

3.3 | 3.8 / 4.1 | 4.5 | 5.5

Gold-Plastic Abutment (UCLA) suitable for cast-on, high-gold alloys

Rotation guide	Item no:	Item no:	Item no:	Item no:
with	330UCLAmH	3841UCLAmH	450UCLAmH	550UCLAmH
without	330UCLAoH	3841UCLAoH	450UCLAoH	–

Platin-Iridium Abutment like UCLA; also suitable for refractory metals and alloys / NNM

Rotation guide	Item no:	Item no:	Item no:	Item no:
with	330PTIRmH	3841PTIRmH	450PTIRmH	550PTIRmH
without	330PTIRoH	3841PTIRoH	450PTIRoH	–

Requires 1,25 mm / 0.049" hex driver (see page 20). Required torque: 30 to max. 35 Ncm. The central screw should be tightened after a minimum of 10 minutes with the appropriate torque. We recommend the laboratory screw LAB18 (available separately) for laboratory processing.

Temporary Titanium Abutments | Plastic Abutments

Titanium cylinders are available with or without rotation prevention for provisional superstructures.
The cylinders can be shortened. They are provided with a retention screw.

Temporary titanium abutment with rotation prevention

Temporary titanium abutments without rotation prevention

Castable plastic abutments with rotation prevention

3.3 | 3.8 / 4.1 | 4.5 | 5.5

Temporary Titanium Abutments

Rotation prevention	Item no:	Item no:	Item no:	Item no:
with	330ProvMH	3841ProvMH	450ProvMH	-
without	330ProvOH	3841ProvOH	450ProvOH	-

Castable plastic Abutments burns out without residues

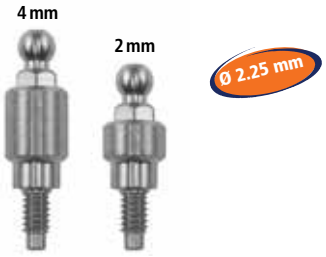
Rotation prevention	Item no:	Item no:	Item no:	Item no:
with	–	3841KUNmH	450KUNmH	550KUNmH

Requires 1,25 mm / 0.049" hex driver (see page 20). Required torque: 30 to max. 35 Ncm. The central screw should be tightened after a minimum of 10 minutes with the appropriate torque. We recommend the laboratory screw LAB18 (available separately) for laboratory processing.

Ball Attachment Abutment

The ball attachment abutment is the classic way to attach full dentures to implants and can be equipped with standard or TIMA matrices. The withdrawal force of the standard matrix is controlled with retention rings of different degrees of hardness. The scope of supply includes a soft and a hard retention ring. The retention force of the closed TIMA matrix made of titanium is based on a replaceable spring collar of ultra-durable special spring steel, which can be easily replaced by opening the matrix screws.

Ball Attachment Abutment

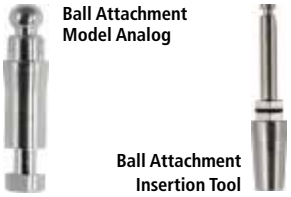


Ball Attachment Abutment

Shoulder height	3.3 Item no:	3.8 4.1 Item no:	4.5 Item no:
1.0 mm	330KUG01	3841KUG01	450KUG01
2.0 mm	330KUG02	3841KUG02	450KUG02
3.0 mm	330KUG03	3841KUG03	450KUG03
4.0 mm	330KUG04	3841KUG04	450KUG04

Standard-Matrix

Retention elements



Matrices, Retention Elements, Accessories

Product	Item no:
Matrix with 2 Retention Elements (red and transparent)	POR270
Retention Elements for Matrix, black (4 pieces)	POR271
Retention Elements for Matrix, transparent (4 pieces)	POR272
Retention Elements for Matrix, red (4 pieces)	POR273
Ball Attachment Model Analog	270MA
Insertion Tool for Ball Head	INS270-KUG

TIMA-Matrix

TIMA Matrix

Product	Item no:
TIMA Matrix for Ball Attachment with Spring Ring	POR274
TIMA Aktivator	2022631

Please order matrices and additional retention elements separately.
An insertion tool is required for the ball attachment abutment (INS270-KUG).
Required torque: 30 to max. 35 Ncm.

LoPat-System I Overdentures

LoPat is a comfortable cover prosthesis solution. The LoPat attachment system is designed for the attachment of mucosa-supported prostheses on at least two implants and is also suitable for integration into existing full prostheses because of its low overall height. The LoPat-Tool is required for working with the LoPat system.

Each LoPat Abutment requires a LoPat Matrix The LoPat Tool (see below) is required for working with the LoPat System. Required torque: 30 Ncm.

LoPat-Abutments

gingiva height	3.3 Item no:	3.8 4.1 Item no:	4.5 Item no:	5.5 Item no:
1.0 mm	330PAT01	3841PAT01	450PAT01	550PAT01
2.0 mm	330PAT02	3841PAT02	450PAT02	550PAT02
3.0 mm	330PAT03	3841PAT03	450PAT03	550PAT03
4.0 mm	330PAT04	3841PAT04	450PAT04	550PAT04
5.0 mm	330PAT05	3841PAT05	450PAT05	550PAT05

LoPat-Abutmemnts, 15° angulated

gingiva height	Item no:	Item no:	Item no:	Item no:
2.0 mm	-	3841PAT215	450PAT215	-
3.0 mm	-	3841PAT315	450PAT315	-
4.0 mm	-	3841PAT415	450PAT415	-

Requires 1,25 mm / 0.049" hex driver (see page 20). Required torque: 30 to max. 35 Ncm. The central screw should be tightened after a minimum of 10 minutes with the appropriate torque. We recommend the laboratory screw LAB18 (available separately) for laboratory processing.

LoPat-Tool

LoMat - Matrix with Processing Insert

Retention Insert 0°-10°

(2300g) (1400g) (700g)

Retention Insert 10°-20°

(1800g) (900g) (700g)

Analog

Impression Post

Ratchet Insert

LoPat bridge structure

Bezeichnung	Item no:	Preis
LoPat-Steg, Gewinde M 2	LOPAT-STEG	99,90 €

LoPat-Komponenten

Designation:	Item no:	Preis
LoPat-Tool	LOPAT-TOOL	69,90 €
LoPat Matrix incl. Retention Inserts (pack of 1) Matrix with black processing insert / retention inserts blue, pink, transparent and spacer ring	LOMAT-1	39,95 €
LoPat Matrix incl. Retention Insert for angulation (pack of 1) Matrix with black processing insert, retention inserts red, orange, green und spacer ring	LOMAT-1A	39,95 €
LoPat Impression Post (pack of 4)	LOPAT-AG	69,90 €
LoPat Analogs (pack of 4)	LOPAT-MA	69,90 €
Retention Insert for normal retention, (0°–10°), transparent (pack of 4)	LOMAT-RET1	29,98 €
Retention Insert for light retention, (0°–10°), pink (pack of 4)	LOMAT-RET2	29,98 €
Retention Insert for extra light retention, (0°–10°), blue (pack of 4)	LOMAT-RET3	29,98 €
Retention Insert for divergence offset (up to 20°) & normal retention, green (pack of 4)	LOMAT-RET4	29,98 €
Retention Insert for divergence offset (up to 20°) & light retention, orange (pack of 4)	LOMAT-RET5	29,98 €
Retention Insert for divergence offset (up to 20°) & extra light retention, red (pack of 4)	LOMAT-RET6	29,98 €
Processing Insert (laboratory insert component), black (pack of 4)	LOMATHA-4	29,98 €
Auxiliary part (spacer ring) for blocking (pack of 4)	LOMATPH-4	29,98 €
Ratchet wrench insert for LoPat	INS029	69,90 €

Retention Inserts are suitable for divergences from 0°-10°. Please use retention inserts with expanded angulation for divergences over 10°.
Retention Inserts for angulation are not suitable for implant diameter 3.3 mm.*LoPat-Abutments are compatible Locator™-Components of Zest Anchors, Inc.,USA

DAAS I MCI Angulated Abutment System

The Innovative System Solution for Toothless Jaws

DAAS is a prosthetic solution with solid bridges on four or six implants for toothless jaws. DAAS meets the needs of many patients who want quick, transition-less prosthetic care without having to be toothless.

Benefits of DAAS:

- Reduced treatment time, fewer appointments
- Reduced surgical expenditures (no sinus lift)
- Standardised surgical protocol
- Fixed bridges
- Predictable treatment costs

DAAS-Abutments 0°/18°/35°

Impression post

Healing abutment

Titanium cylinder

Castable plastic cylinder

Model analog

3.8 4.1 | 4.5

DAAS Abutments, straight

Shoulder height	Item no:	Item no:
2.0 mm	3841DAAS20	450DAAS20
4.0 mm	3841DAAS40	450DAAS40

DAAS Abutments 18°, incl. screw

Shoulder height	Item no:	Item no:
2.0 mm	3841DAAS218	450DAAS218
4.0 mm	3841DAAS418	450DAAS418

DAAS Abutments 35°, incl. screw

Shoulder height	Item no:	Item no:
4.0 mm	3841DAAS435	450DAAS435

DAAS System

Designation	Item no:
DAAS model analog	DAASMA
DAAS healing abutment, incl. screw	DAASGF
DAAS impression post, open tray, incl. screw	DAASAO
DAAS scanbody	DAASSCAN
DAAS titanium cylinder, incl. screw	DAASTI
DAAS castable plastic cylinder, incl. screw	DAASKUN
DAAS central screw M1.8 (pack of 4)	DAASZS01-4
DAAS screw for open impression post (pack of 4)	DAASSA-4
DAAS screw M1.4 (pack of 4)	DAASZS14-4

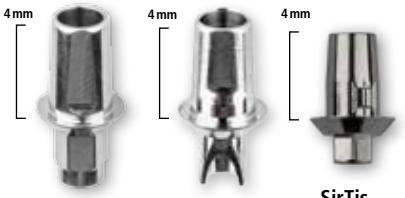
For the integration of the straight DAAS abutments, the insertion instrument for mini implants, ball abutments and DAAS is required (INS270-KUG).
Required screwdrivers for angulated DAAS abutments 1.25 mm / 0.049" (see page 20). Required torque at insertion: 25 Ncm. **The central screw should be tightened after a minimum of 10 minutes with the appropriate torque.** For processing in the laboratory, we recommend the separately available laboratory screw (Article No. Lab18-4).

CAD/CAM-Technique
Zirconium Oxide Aesthetic Abutments | Titanium Bases

Type B ((lateral teeth)

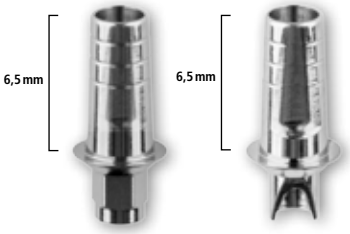
Type C (Incisors)

Type D (15° angulated)



CerTis / CerTisOH (for MCI libraries)

SirTis (or inLab/Cerec®, Dentsply Sirona)



CerTis-L / CerTisLoh (for MCI libraries)

Scanbody (2nd generation)

Zirconium Abutments for CerTis Titanium Bases (exclusiv CerTis)

	3.3	3.8 / 4.1	4.5	5.5
	Item no:	Item no:	Item no:	Item no:
Typ B	CerZirB	CerZirB	CerZirB	-
Typ C	CerZirC	CerZirC	CerZirC	-
Typ D	CerZirD	CerZirD	CerZirD	-

Titanium-Bases including retention screw

	3.3	3.8 / 4.1	4.5	5.5
	Item no:	Item no:	Item no:	Item no:
CerTis	330CerTis	3841CerTis	450CerTis	550CerTis
CerTis, long	330CerTis-L	3841CerTis-L	450CerTis-L	550CerTis-L
CerTis, without hex	330CerTisOH	3841CerTisOH	450CertisOH	550CerTisOH
CerTis, long w/o hex	330CerTisLoh	3841CerTisLoh	450CerTisLoh	550CerTisLoh
SirTis	330SirTis	3841SirTis	450SirTis	-

Scanbody including retention screw

	3.3	3.8 / 4.1	4.5	5.5
	Item no:	Item no:	Item no:	Item no:
for CerTis	330Scan	3841Scan	450Scan	550Scan

For 330SirTis and 380SirTis Dentsply Sirona scan cap size S, for 450SirTis scan cap size L are needed. Dentsply Sirona scan caps are commercially available.

Requires 0.049" hex driver (see page 18). Required torque: 30 to max. 35 Ncm. **The central screw should be tightened after a minimum of 10 minutes with the appropriate torque.** We recommend the laboratory screw LAB18 (available separately) for laboratory processing.

Retention Screws (each in pack of 4)

for:	3.3	3.8 / 4.1	4.5	5.5
	Item no:	Item no:	Item no:	Item no:
Titanium abutments, castable abutments	ZS18-4	ZS18-4	ZS18-4	ZS03-4
Lopat abutments, angulated	-	ZS18-4	ZS18-4	-
Titanium bases and scanbodies	ZS18-4	ZS18-4	ZS18-4	ScanZS03
DAAS abutments	-	ZS18-4	ZS18-4	-
Impression posts	34SA-4	34SA-4	34SA-4	55SA-4
Impression posts, long	34SA5-4	34SA5-4	34SA5-4	55SA5-4
AGP/AGPL impression posts	34AS-4	34AS-4	34AS-4	55AS-4
DAAS titanium/plastic abutments (M1,4)	-	DAASZS14-4	DAASZS14-4	-
DAAS impression posts	-	DAASSA-4	DAASSA-4	-
Laboratory screws	LAB18-4	LAB18-4	LAB18-4	-

CAD-Libraries

The following libraries are available for the design of individual abutments, including instructions for importing them. The corresponding files can be found in the download area of our website.

Individually manufactured abutments via data transmission

To order individual abutments, simply visit www.mci-implants.de/cadcam and click on "order form". Or send us your designed abutment in STL format, specifying the implant location and diameter, to the following email address: cadcam@mci-implants.de

Compatible with exocad

3shape

Standard Line Drills - SLS Straight

Universal Drills for Straight Implants

The colour-coded straight universal drills are made of stainless steel and are manufactured by the German market leader with maximum precision and quality. The proven spiral form allows for excellent cutting performance with a long service life and ensures effective material removal with easy shaving disposal. The matte design prevents light and water from reflecting and allows for working without blinding. The easily visible, bar-shaped laser markings provide additional guidance during implantation. The drill tip of 0.5 mm, which is the same for all drill diameters, makes implantations even easier and more calculable. Tap for mechanical and manual use.

Countersink

Recess depth for D1-D3 bones = A
Recess depth for D4 bones = B

Pilot and depth drill

Drill tip exceeds laser marking by 0.5 mm

Tap

Straight System

Item description:	2.0 Item no:	3.3 Item no:	3.8 Item no:	4.1 Item no:	4.5 Item no:	5.5 Item no:
Pilot drill	SB200	–	–	–	–	–
Countersink	SV270	SV330	SV380	SV410	SV450	SV550
Depth drill	–	SB330	SB380	SB410	SB450	SB550
Tap	–	SG330	SG380	SG410	SG450	SG550

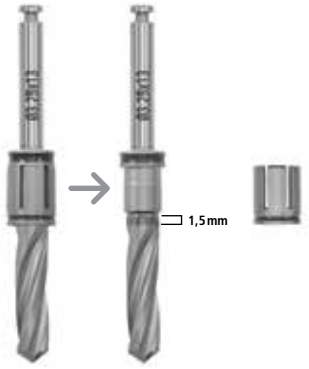
Safety Stop Line Drills - SLS Straight

Safety Stop Drills

The development of the safety stop drills focused on high user comfort and maximum application safety. The newly designed depth stops provides the surgeon with full control about the drilling depth, even in high-risk zones, and make the work less stressful. Depth corrections up to 1.5 mm can be achieved by manually removing the narrow stops. In contrast to universal drills with laser markings, each implant length has its own drill with a matching diameter.

Safety Stop Drills

Removable depth stops



	2.0	3.3	3.8	4.1	4.5	5.5
Countersink						
Lenght	Item no: SV270	Item no: SV330	Item no: SV380	Item no: SV410	Item no: SV450	Item no: SV550
Safety Stop Straight Drill						
10.0 mm	SB2010	SB33010	SB38010	SB41010	SB45010	SB55010
11.5 mm	SB2011	SB33011	SB38011	SB41011	SB45011	SB55011
13.0 mm	SB2013	SB33013	SB38013	SB41013	SB45013	SB55013
14.5 mm	SB2014	SB33014	SB38014	SB41014	SB45014	–
Tap						
	–	SG330	SG380	SG410	SG450	SG550
8mm Depth Stops (For use with 10mm drills)						
	STOP20.8	STOP330.8	STOP380.8	STOP410.8	STOP450.8	STOP550.8

Standard Line Drills - SL Tapered / Soft-Bone

Universal Drills for Tapered Implants

The surgical drills for MCI Implants with tapered shape have the same quality features as straight drills. The multi-cutter tapered drills prepare the drilling site ideally for taking up root-shaped implants, allowing for implant insertion with optimized primary stability. Please note that the pilot drill and the final drill for the 3.3 mm S&T Implant are identical with straight universal drills. Tap is available for mechanical and manual use.

Countersink

Recess depth for D1-D3 bones = A
Recess depth for D4 bones = B

Pilot- and depth drill

Drill tip exceeds laser marking by 0.5 mm

Tap

Tapered System

Item description:	2.0 Item no:	3.3 Item no:	3.8 Item no:	4.1 Item no:	4.5 Item no:	5.5 Item no:
Pilot drill	SB200	–	–	–	–	–
Countersink	SV270	SV330	SV380	SV410	SV450	TV550
Depth drill	–	SB330	TB380	TB410	TB450	TB550
Tap	–	SG330	TG380	TG410	TG450	TG550

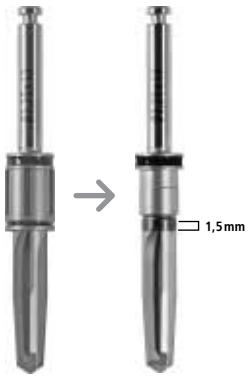
Safety Stop Drills – SL Tapered / Soft-Bone

Safety Stop Drills for Tapered Implants

The surgical safety stop drills for tapered implants have the same quality features as straight safety stop drills. Their shape is the same as tapered universal drills. Please note that the pilot drill and the final drill for the 3.3 mm S&T Implant are identical with straight safety stop drills.

Safety Stop Drills

Removable depth stops



	2.0	3.3	3.8	4.1	4.5	5.5
Counter						
Lenght	Item no: SV270	Item no: SV330	Item no: SV380	Item no: SV410	Item no: SV450	Item no: TV550
Safety Stop Drills						
10.0 mm	SB2010	SB33010	TB38010	TB41010	TB45010	TB55010
11.5 mm	SB2011	SB33011	TB38011	TB41011	TB45011	TB55011
13.0 mm	SB2013	SB33013	TB38013	TB41013	TB45013	TB55013
14.5 mm	SB2014	SB33014	TB38014	TB41014	TB45014	–
TAP						
	–	SG330	TG380	TG410	TG450	TG550
8mm Depth Stops (For use with 10mm drills)						
	STOP20.8	STOP330.8	STOP380.8	STOP410.8	STOP450.8	STOP550.8

Instruments

3.3 | 3.8 4.1 | 4.5 | 5.5

Implant Insertion Tool

	Item no:	Item no:	Item no:	Item no:
short	INS330-S	INS3841-S	INS450-S	INS550-S
long	INS330-L	INS3841-L	INS450-L	INS550-L

Insertion Tool
for Mini-Implants, Ball attachment abutments and DAAS

Item no: INS270-KUG

Hand Wheel
for surgical instruments

Item no: INS003

Drill Extension

Item no: INS006

Ratchet Extension

Item no: INS002

Parallel Pins set of 4

Item no: INS001

Ratchet Screwdriver

extra short (14.0 mm)	Item no: INS030
short (18.5 mm)	Item no: INS013
long (26.5 mm)	Item no: INS014

Handpiece Screwdriver

short (20.5 mm)	Item no: INS027
long (25.5 mm)	Item no: INS028

Ratchet Screwdriver
for LoPat

standard (18.5 mm)	Item no: INS029

Manual Screwdriver

extra short (10.0 mm)	Item no: INS025
short (23.5 mm)	Item no: INS004
long (31.5 mm)	Item no: INS005

Manual Screwdriver, Long

Manual Screwdriver, Short

Manual Screwdriver, Extra Short

All screwdrivers are 0.049" hex drivers.
Further instruments are available on request.

Instruments

Torque Wrench

Item no: RATSCHE

LoPat-Tool

Item no: LOPAT-TOOL

Prosthetic-Kit

Content:
- Torque ratchet
- Manual screwdriver, short
- Ratchet screwdriver, short
- Ratchet screwdriver, long

Item no: KIT-P

Prosthetic-Kit

Mini-Implant-Kit

Mini-Implant-Kit

Content:
- Safety Stop Drills with 10.0mm
- 11.5mm and 13.0mm length
- Countersink Ø2,0mm
- Parallel Pin (4pcs)
- Insertion Tool for Ball Head

Item no: Kit-Mini

* Please note that the torque ratchet should always be stored in a unbound position.