IMPLA

Made in Germany Since 1963

IMPLA

The System

SCHÜTZ DENTAL
Micerium Group

Made in Germany
Since 1963

IMPLA

Content

Please note: This system overview is not meant as an instruction manual. Please observe the IMPLA instruction manual for use. Responsibility lies with the user. The actual appearance of the individual products may vary from the displayed images.

IMPLA – The System

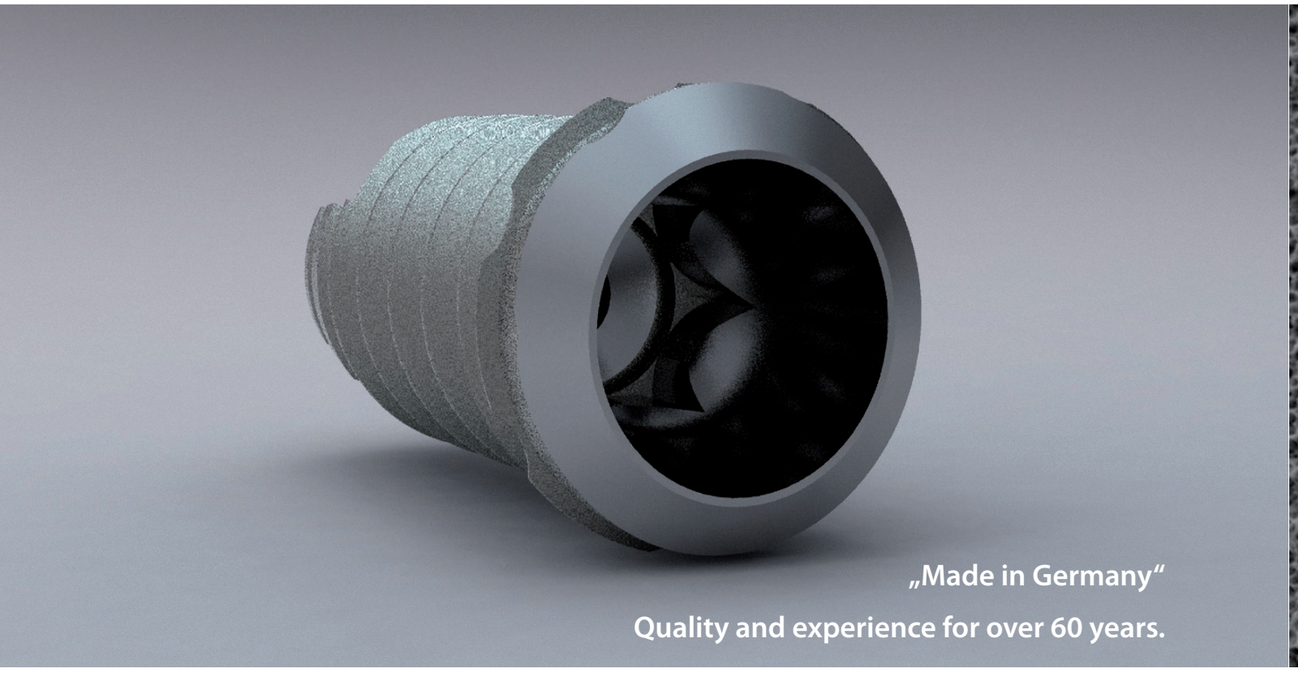
Thank you for your interest in IMPLA – Take a deep dive into the world of the IMPLA system: Experience it all here at a glance!

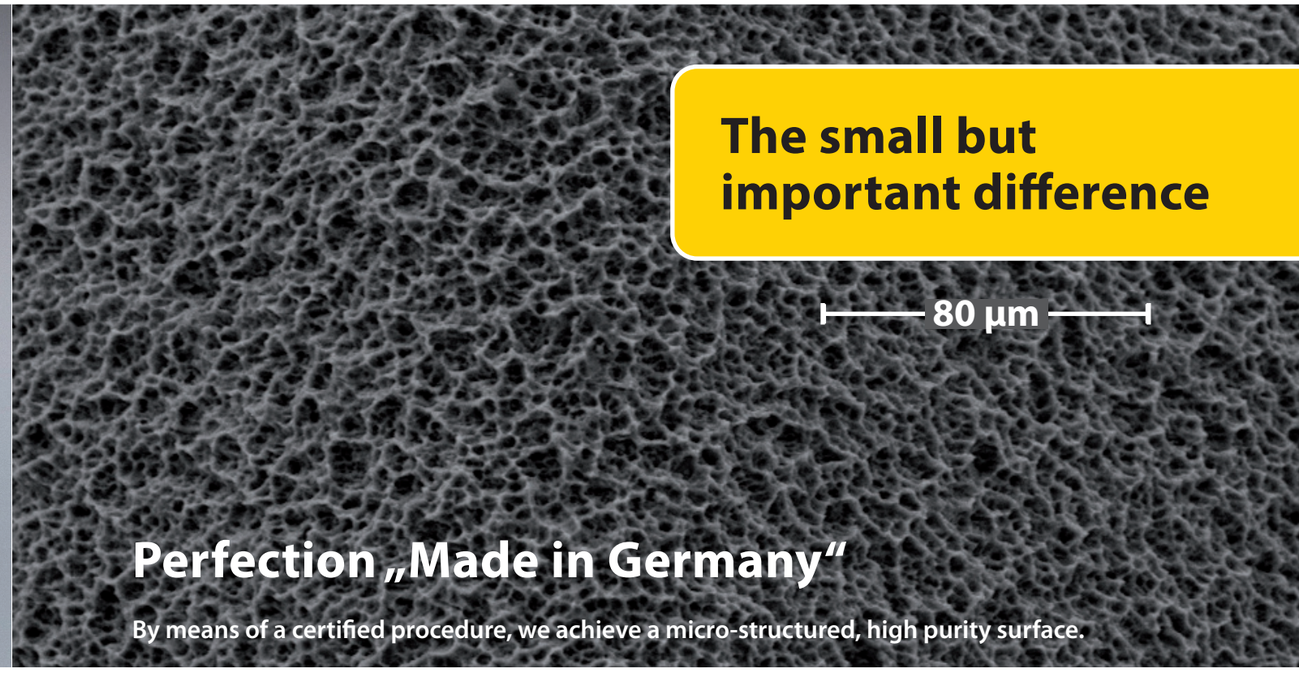
If you have any questions, we are happy to help you personally:
by telephone **+49 (0)6003 814-365** or by e-mail **export@schuetz-dental.de**.

You can also find more information in our online catalog at www.impla.de. Take advantage of the convenient ordering function in the online store.

Your IMPLA team

Valuable tip!
Join our IMPLA training courses.





IMPLA – Tradition and innovation

It began with an idea.

The idea of putting smiles back on the faces of patients. Dentists were already using the predecessors of the current IMPLAnts over 60 years ago. Benefit from many years of experience.

Our IMPLA system was developed in the 1960s. Since then, the IMPLA system has been continuously developed and improved for and with our customers. Both this continuity and our very high quality standard “Made in Germany” make the IMPLA system one of the most sophisticated implant systems in the world.

By integrating IMPLA into the “Complete Digital Workflow”, the system also offers you a very high degree of future viability. The “Complete Digital Workflow” ensures holistic networking of the individual digital systems.

Safety tested

Our implants have been used successfully in the clinical environment since 1963. IMPLA means safety and high German quality at reasonable prices.

We are here for you!

Whether on the phone or in person at your site, the experienced and dedicated IMPLA team is here to offer you professional support for all your questions.

Tel. +49 (0) 6003 814-365 • E-mail: export@schuetz-dental.de

We achieve a microstructured, high purity surface by using a certified procedure. The blasted and etched surface ensures optimal cell adaptation, and fast and reliable healing. Studies show that a surface roughness between 1.0 and 2.0 µm creates an optimum basis for reliable osseointegration (cf. Wennerberg/Albrektsson, 2006, International Dentistry SA Vol. 8, No. 6, 2006). Internal measurements show that IMPLA implants have an average surface roughness of 1–2 µm.

Parameter table: Amplitude parameters according to ISO 4287

Context			Mean	Std dev	Min	Max
Amplitude parameter - Surface roughness profile						
Ra	µm	Gaussian filter 0.025 mm	1.25	0.101	1.12	1.44

4.5 mm IMPLA Cylindrical. Determination of the mean roughness Ra = 1.25 µm

Contact-free for maximum safety

IMPLA implants are delivered in sterile packaging. Using the integrated insertion aid you can insert the implant straight from the packaging. You do away with the fiddly step of removing the implant from the packaging using an instrument. This makes your work efficient and easier and offers your patients even greater safety.

Cost transparency

Insertion post, laboratory screw and implant healing cap are included in the delivery of each implant of the two-part implant lines Cylindrical and Micro Retention.

You have the choice

Six implant lines in only one box.

Micro Retention Cone Connection/Hex Connection, Cylindrical Cone Connection/Hex Connection, Mini conetop/balltop

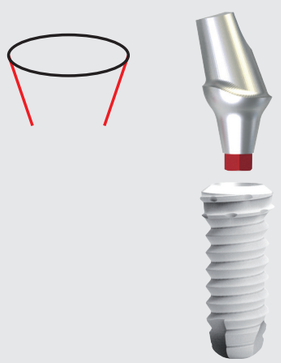
Just the right implant for nearly every indication and all this in only one single, clearly laid out surgery box.

You and your assistance no longer have to deal with multiple trays. This will make your work not only safer, but even more efficient. This advantage is also reflected in the laboratory accessories.

Although the two-part IMPLA system offers seven different surgical diameters (3.3 mm / 3.6 mm | 4.0 mm | 4.2 mm / 4.5 mm | 5.3 mm / 5.5 mm), the system uses only four prosthetic platforms (each with the smaller diameter 3.3 mm / 3.6 mm | 4.0 mm | 4.2 mm / 4.5 mm | 5.3 mm / 5.5 mm). Thus, the processes from impression taking to the gingiva former to the abutment can be organized in a unique and simple way - both during the procedures in the surgery and during the production in the dental laboratory.

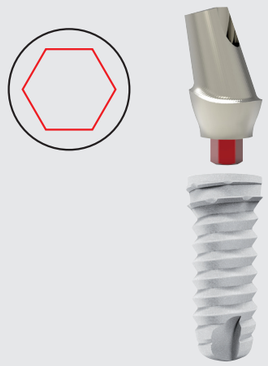
Two connections, the choice is yours

Cone Connection



Combination of internal conical connection and rotation-lock (hexagonal).

Hex Connection

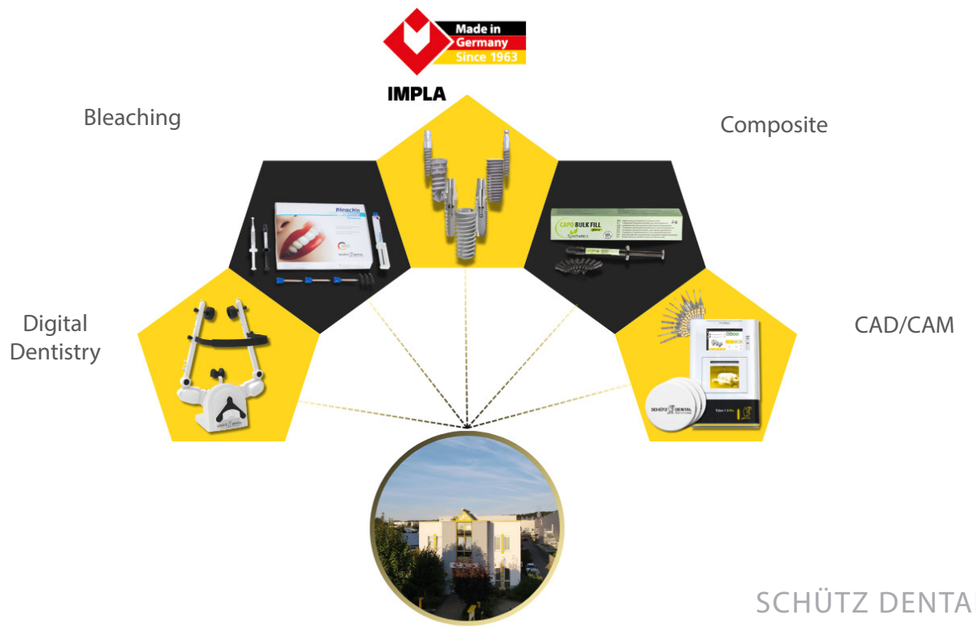


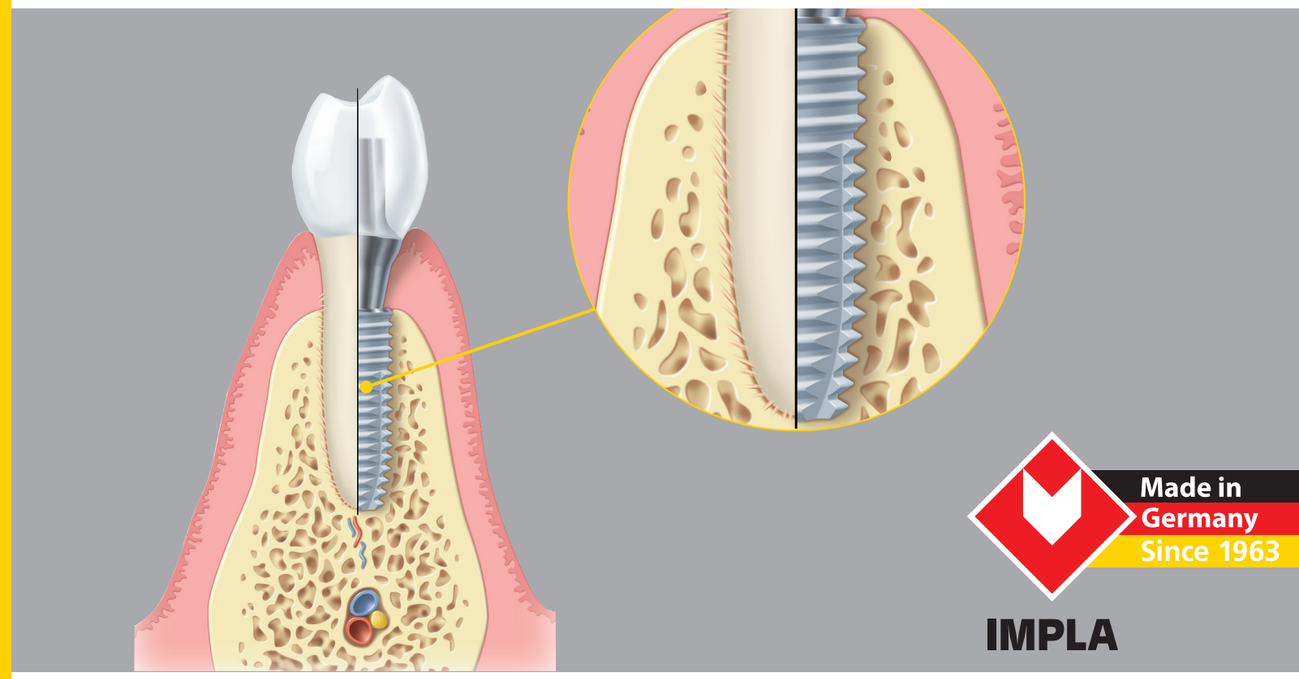
Internal hexagonal connection.

IMPLA – Part of the Complete Digital Workflow

An open system

The IMPLA system is naturally equipped to face the digital future that practices are heading into. By connecting the IMPLA 3D system to the Tizian JMA Optic jaw measurement system by zebris and using modern CAD/CAM technology, even today, it is already possible to integrate a huge range of data into your implant planning. Benefit from this decisive competitive advantage!





Implant lines

Always the right implant at your fingertips.

Due to the diversity of our implant system, you as an implantologist have the right implant for almost every indication.

Six different lines with two connection types – cone connection and hex connection – are available for your individual selection. Below, you will find detailed information about the different implant lines.

IMPLA Implantatlinien auf einen Blick:

Tip: Discover our new IMPLA Dialog Implant – just ask for the special IMPLA Dialog catalogue.

IMPLA Cylindrical Cone Connection

IMPLA implants are made of medical Titanium grade 4 (ISO 5832-2).

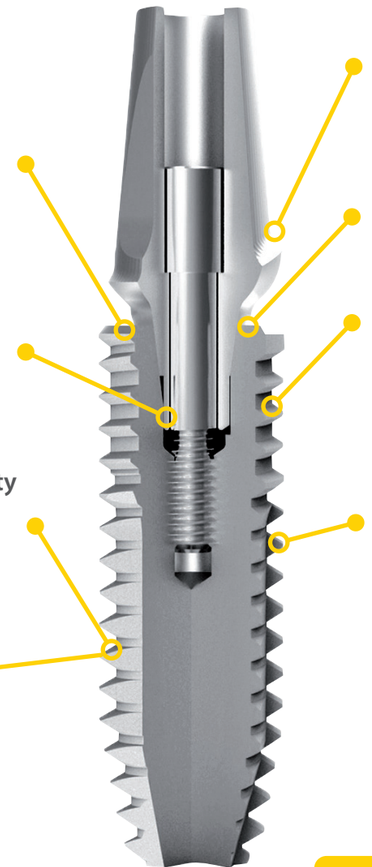
The cylindrical “all-round implant” with its self-tapping thread and rotation-locked internal conical connection. The basic cylindrical shape of the implant is supplemented by synchronous thread turns up to the implant shoulder. Quick adjustment of the insertion depth by the implantologist is possible in many cases.

The rotation-locked conical internal connection minimizes the microgap between the implant and the abutment. This supports preservation of the marginal bone and prevents peri-implantitis. The additional hexagonal connection inside the implant serves as a rotation lock.

Integrated platform switching
- preservation of the marginal bone level
- improvement in the soft tissue attachment

Cone and hex
- for maximum reliability
- cone to prevent microgap
- hex for rotation lock

Microstructured, high purity surface
- blasted and etched for optimal cell adaptation and reliable osseointegration



Emergence profile
- for excellent, aesthetic results and time saving

Improved red/white aesthetics through closed microgap

Special thread
- with a gradient of 0.8 mm for very high primary stability

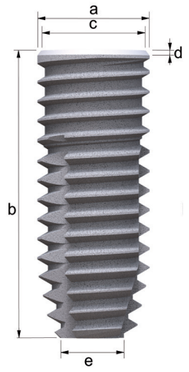
Self-tapping thread
- maximum surgical flexibility
- reduced surgery effort
- very high primary stability

Please note!

You will find further information in chapter “Prosthetics” (p. 34 et seq.)

Pictures may vary.

Technical data
(in mm)



Also available as Shorty!

Cylindrical Cone Connection	a	b	c	d	e
●	3.6	8.0	2.8	0.2	2.7
		9.5	2.8	0.2	2.7
●		11.5	2.8	0.2	2.7
		13.0	2.8	0.2	2.7
	4.0	6.5	2.8	0.2	3.2
		8.0	2.8	0.2	3.2
		9.5	2.8	0.2	3.2
		11.5	2.8	0.2	3.2
		13.0	2.8	0.2	3.2
●	4.5	6.5	2.8	0.2	3.6
		8.0	2.8	0.2	3.6
		9.5	2.8	0.2	3.6
		11.5	2.8	0.2	3.6
		13.0	2.8	0.2	3.6
●	5.5	8.0	3.8	0.2	4.6
		9.5	3.8	0.2	4.6
		11.5	3.8	0.2	4.6
		13.0	3.8	0.2	4.6

IMPLA Cylindrical Cone Connection

Ø 3.6	L	6.5	8.0	9.5	11.5	13.0
			635770	635771	635772	635773
Ø 4.0	L	6.5	8.0	9.5	11.5	13.0
		638847	638848	638849	638850	638851
Ø 4.5	L	6.5	8.0	9.5	11.5	13.0
		635778	635780	635781	635782	635783
Ø 5.5	L	6.5	8.0	9.5	11.5	13.0
			635784	635785	635786	635787

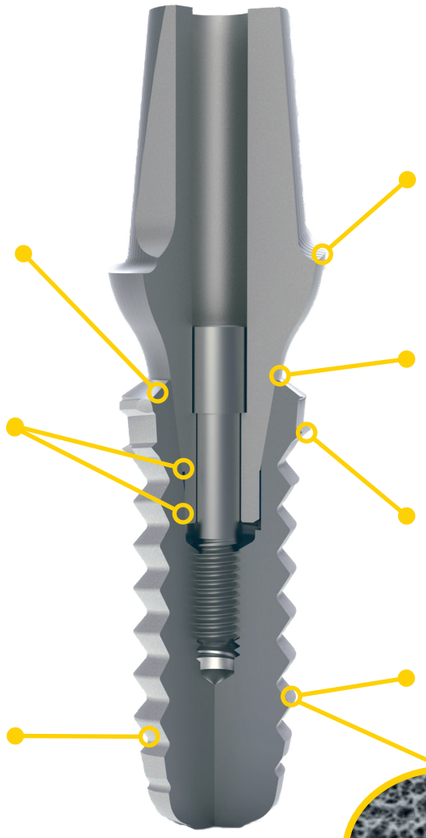
Free in the scope of delivery of the implant: Healing cap, insertion post and laboratory screw

Pictures may vary.

IMPLA Micro Retention Cone Connection

IMPLA implants are made of medical Titanium grade 4 (ISO 5832-2).

The implant with the basic conical shape and rotation-locked internal conical connection. Due to the special thread in the neck area, this implant is predestined for use particularly in the cancellous upper jaw bone. The Micro Retentions of the upper thread turn cut into the cortical bone and offer excellent primary stability. This implant line also offers fast and safe insertion possibilities in hard bones. The rotation-locked internal conical connection minimizes the microgap between the implant and the abutment. This supports preservation of the marginal bone and prevents peri-implantitis. The additional hexagonal connection inside the implant serves as a rotation lock.



Integrated platform switching
- for improvement in the soft tissue attachment

Cone and hex
- for maximum reliability
- hex for rotation lock
- cone to prevent microgap

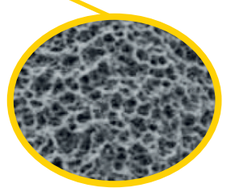
Reliable, condensing thread design
- for improved primary stability even in soft bones

Emergence profile
- for excellent aesthetic results and time saving

Improved red/white aesthetics through closed microgap

Special thread
- for very high primary stability
- also for sinus lift

Microstructured high purity surface
- for optimal cell adaptation and reliable osseointe-gration



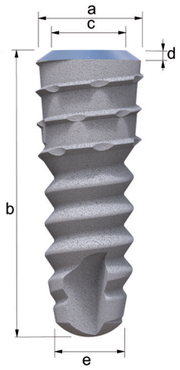
Please note!

You will find further information in chapter “Prosthetics” (p. 34 et seq.)

Pictures may vary.

Technical data

(in mm)



Micro Retention Cone Connection	a	b	c	d	e
●	3.3	11.5	2.8	0.2	2.7
		13.0	2.8	0.2	2.7
		14.5	2.8	0.2	2.7
●	4.2	9.5	2.8	0.4	2.7
		11.5	2.8	0.4	2.7
		13.0	2.8	0.4	2.7
		14.5	2.8	0.4	2.7
●	5.3	9.5	3.8	0.5	3.9
		11.5	3.8	0.5	3.9
		13.0	3.8	0.5	3.9
		14.5	3.8	0.5	3.9

IMPLA Micro Retention Cone Connection

Ø 3.3	L	9.5	11.5	13.0	14.5
			635670	635671	635672
Ø 4.2	L	9.5	11.5	13.0	14.5
		635675	635676	635677	635678
Ø 5.3	L	9.5	11.5	13.0	14.5
		635681	635682	635683	635684

Free in the scope of delivery of the implant: Healing cap, insertion post and laboratory screw

Pictures may vary.

IMPLA Cylindrical Hex Connection

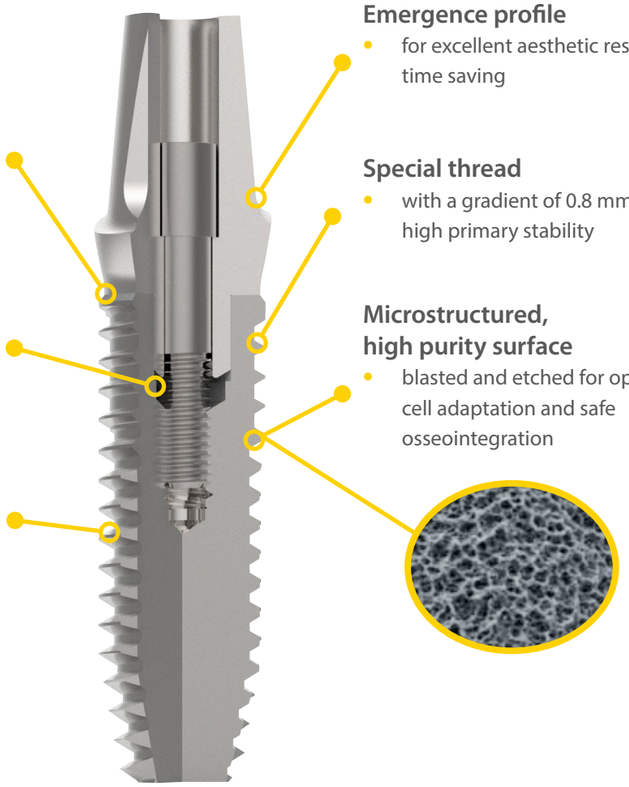
IMPLA implants are made of medical Titanium grade 4 (ISO 5832-2).

The cylindrical “all-round implant” with its self-tapping thread and internal hexagonal connection (hex connection).
Regardless of whether the maxilla or mandible, whether hard or soft bones – the IMPLA Cylindrical implant always offers the appropriate answer to the challenges in daily implantology practice. The basic cylindrical shape is supplemented by a synchronous thread up to the implant shoulder. Similarly, the surface of the cylindrical implant is blasted and etched up to the implant shoulder. In addition to excellent primary stability, even in cancellous bone, the cylindrical implant design provides you with a very high degree of flexibility. In particular, the insertion depth can be adjusted very quickly by the surgeon. The self-cutting thread reduces surgical effort. Integrated platform switching helps to better preserve the marginal bone.

Integrated platform switching
- preservation of the marginal bone level
- for improvement in the soft tissue attachment

High-precision internal hexagonal connection (hex connection)
- for a rotation-lock connection between the implant and the abutment

Self-tapping thread
- for maximum surgical flexibility
- reduces surgery effort
- Very high primary stability



Emergence profile
- for excellent aesthetic results and time saving

Special thread
- with a gradient of 0.8 mm for very high primary stability

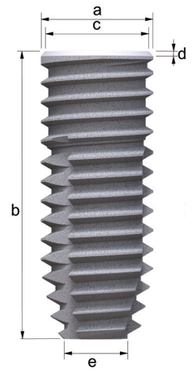
Microstructured, high purity surface
- blasted and etched for optimal cell adaptation and safe osseointegration

Please note!

You will find further information in chapter “Prosthetics” (p. 44 et seq.)

Pictures may vary.

Technical data
(in mm)



Also available as Shorty!

Cylindrical Hex Connection	a	b	c	d	e
●	3.6	8.0	3.3	0.2	2.7
		9.5	3.3	0.2	2.7
		11.5	3.3	0.2	2.7
		13.0	3.3	0.2	2.7
	4.0	6.5	3.3	0.2	3.2
●		8.0	3.3	0.2	3.2
		9.5	3.3	0.2	3.2
		11.5	3.3	0.2	3.2
		13.0	3.3	0.2	3.2
●	4.5	6.5	4.2	0.2	3.6
		8.0	4.2	0.2	3.6
		9.5	4.2	0.2	3.6
		11.5	4.2	0.2	3.6
		13.0	4.2	0.2	3.6
●	5.5	6.5	5.3	0.2	4.6
		8.0	5.3	0.2	4.6
		9.5	5.3	0.2	4.6
		11.5	5.3	0.2	4.6
		13.0	5.3	0.2	4.6

IMPLA Cylindrical Hex Connection

Ø 3.6	L	6.5	8.0	9.5	11.5	13.0
			635370	635371	635372	635373
Ø 4.0	L	6.5	8.0	9.5	11.5	13.0
		638842	638843	638844	638845	638846
Ø 4.5	L	6.5	8.0	9.5	11.5	13.0
		635378	635380	635381	635382	635383
Ø 5.5	L	6.5	8.0	9.5	11.5	13.0
		635379	635384	635385	635386	635387

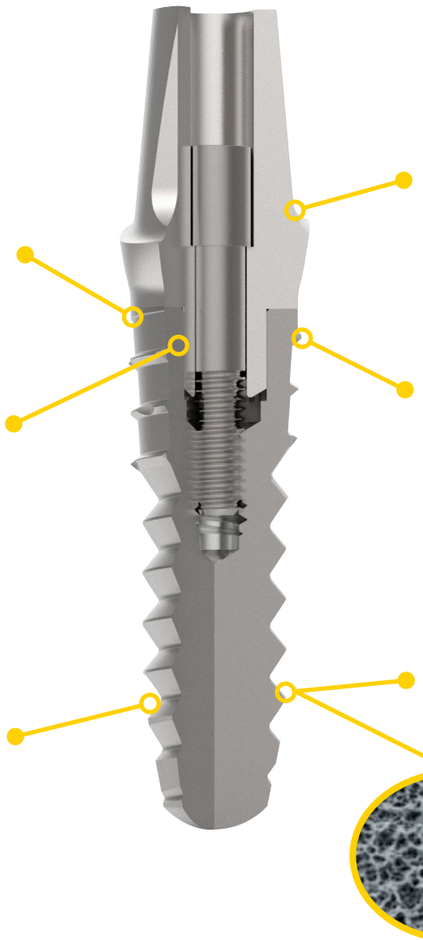
Free in the scope of delivery of the implant: Healing cap, insertion post and laboratory screw

Pictures may vary.

IMPLA Micro Retention Hex Connection

IMPLA implants are made of medical Titanium grade 4 (ISO 5832-2).

The implant with the basic conical shape and internal hexagonal connection. The high precision internal hexagonal connection (hex connection) with rotation lock guarantees a secure connection between the implant and abutment. The specially designed thread in the implant neck area gives the implant extraordinary primary stability and therefore greater reliability, even where the bone conditions are less favorable - for example in cancellous upper jaw bones or in the area of the sinus with reduced residual bone. You also have the option to work with platform switching.



Optional platform switching
- for improvement in the soft tissue attachment

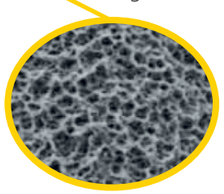
High-precision internal hexagonal connection
- for a rotation-lock connection between the implant and the abutment

Reliable, condensing thread design
- for improved primary stability even in soft bones

Emergence profile
- for excellent, aesthetic results and time saving

Special thread
- for very high primary stability, also ideal for the sinus lift

Microstructured high purity surface
- for optimal cell adaptation and reliable osseointegration



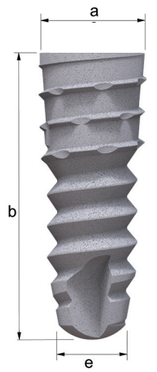
Please note!

You will find further information in chapter “Prosthetics” (p. 44 et seq.)

Pictures may vary.

Technical data

(in mm)



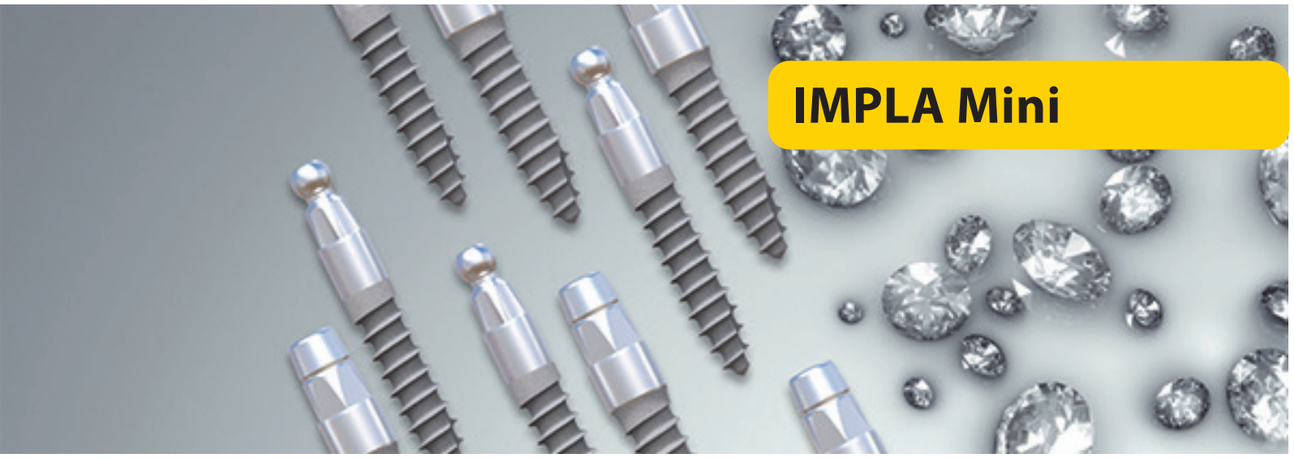
Micro Retention Hex Connection	a	b	e
●	3.3	11.5	2.7
		13.0	2.7
		14.5	2.7
●	4.2	9.5	2.7
		11.5	2.7
		13.0	2.7
		14.5	2.7
●	5.3	9.5	3.9
		11.5	3.9
		13.0	3.9
		14.5	3.9

IMPLA Micro Retention Hex Connection

		9.5	11.5	13.0	14.5
Ø 3.3	L		635270	635271	635272
Ø 4.2	L	635275	635276	635277	635278
Ø 5.3	L	635281	635282	635283	635284

Free in the scope of delivery of the implant: Healing cap, insertion post and laboratory screw

Pictures may vary.

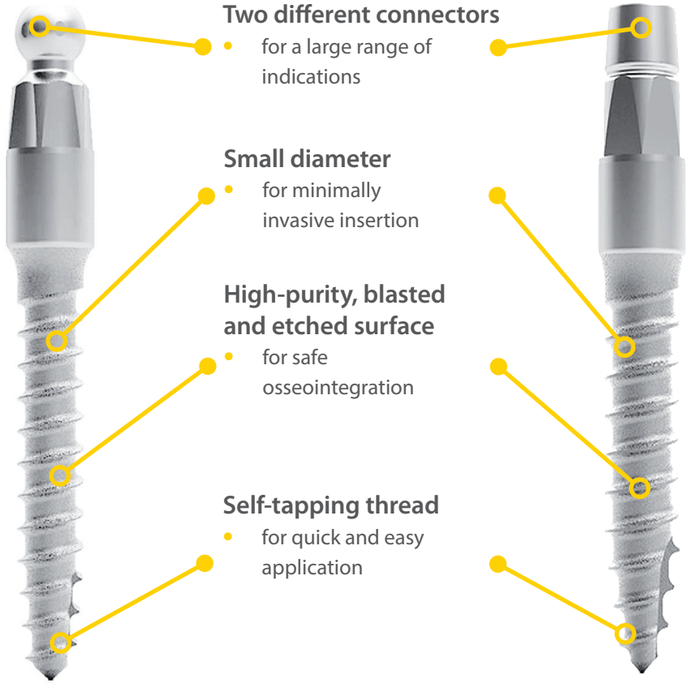


IMPLA Mini

The one-piece Mini implant with either a ball or conical top. The one-piece IMPLA Mini-Series implants also have a high-quality blasted and etched surface. Thanks to their size and shape, Mini implants are also suitable when using the flapless technique and for transgingival insertion, depending on the clinical case. Furthermore, the brief drilling protocol keeps the surgery time at a minimum. The Mini-balltop implant made of grade 4 titanium is excellent for fixing full dentures (cover dentures). The Mini-conetop implant, also made of grade 4 titanium, is particularly well suited for bar restorations, where there is limited available space. IMPLA Mini implants are an economical alternative to two-piece implants.

Mini balltop

Mini conetop



Two different connectors
- for a large range of indications

Small diameter
- for minimally invasive insertion

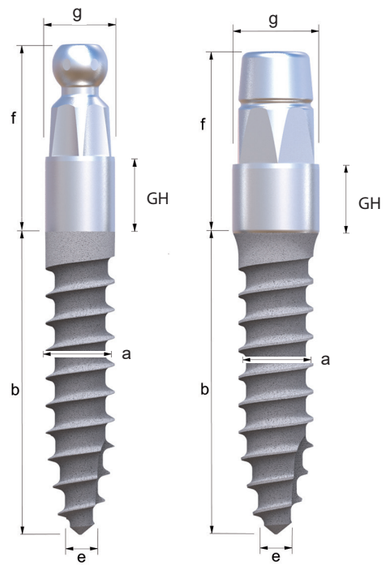
High-purity, blasted and etched surface
- for safe osseointegration

Self-tapping thread
- for quick and easy application

Pictures may vary.

Technical data
(in mm)

IMPLA Mini balltop und IMPLA Mini conetop



Mini balltop					
a	**b**	**e**	**f**	**GH**	**g**
2.1	9.5	1.6	8.1	3.0	2.8
	11.5	1.6	8.1	3.0	2.8
	13	1.6	8.1	3.0	2.8
2.5	9.5	1.7	8.1	3.0	2.8
	11.5	1.7	8.1	3.0	2.8
	13	1.7	8.1	3.0	2.8

ball diameter 2.25 mm

Mini conetop					
a	**b**	**e**	**f**	**GH**	**g**
3.0	9.5	2.0	5.6	2.5	3.5
3.0	11.5	2.0	5.6	2.5	3.5
3.0	13.0	2.0	5.6	2.5	3.5

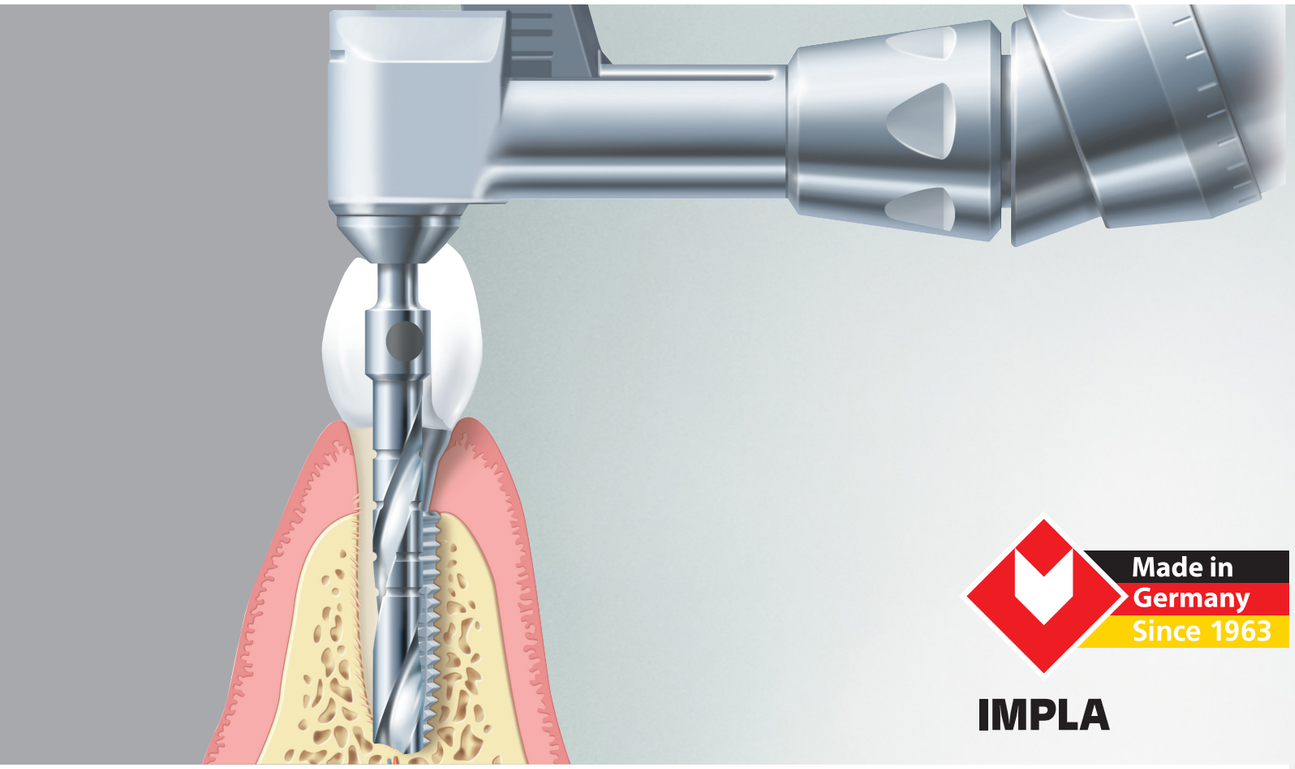
Please note!

You will find further information in chapter “Prosthetics” (p. 54 et seq.)

Mini balltop		
Implant length	**∅ 2.1 mm**	**∅ 2.5 mm**
9.5 mm	Art. no. 635481	Art. no. 635484
11.5 mm	Art. no. 635482	Art. no. 635485
13.0 mm	Art. no. 635483	Art. no. 635486

Mini conetop	
Implant length	**∅ 3.0 mm**
9.5 mm	Art. no. 635474
11.5 mm	Art. no. 635471
13.0 mm	Art. no. 635473

Pictures may vary.



Made in Germany
Since 1963

IMPLA

Surgery

IMPLA surgical accessories will enable you to insert IMPLA implants precisely and safely.

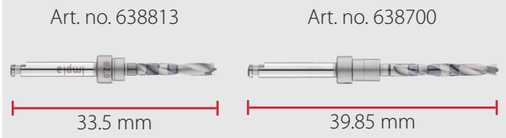
Thanks to the systematically designed IMPLA surgery box, you and your assistance will always be able to keep track of everything.

There is no longer any need for time-consuming switching from one tray to another. The surgical tools, the implants and the prosthetic components all exhibit an extremely high degree of manufacturing precision. This means an extraordinary level of safety for you and your patients. Below you will find detailed information about the IMPLA surgery box, drills, insertion tools, accessories and the IMPLA implant drill protocols. You will also find the different impression-taking components of the system in this part.

Color code

brown	ø 3.3 mm / 3.6 mm
green	ø 4.0 mm
red	ø 4.2 mm / 4.5 mm
blue	ø 5.3 mm / 5.5 mm

Drills short vs. long

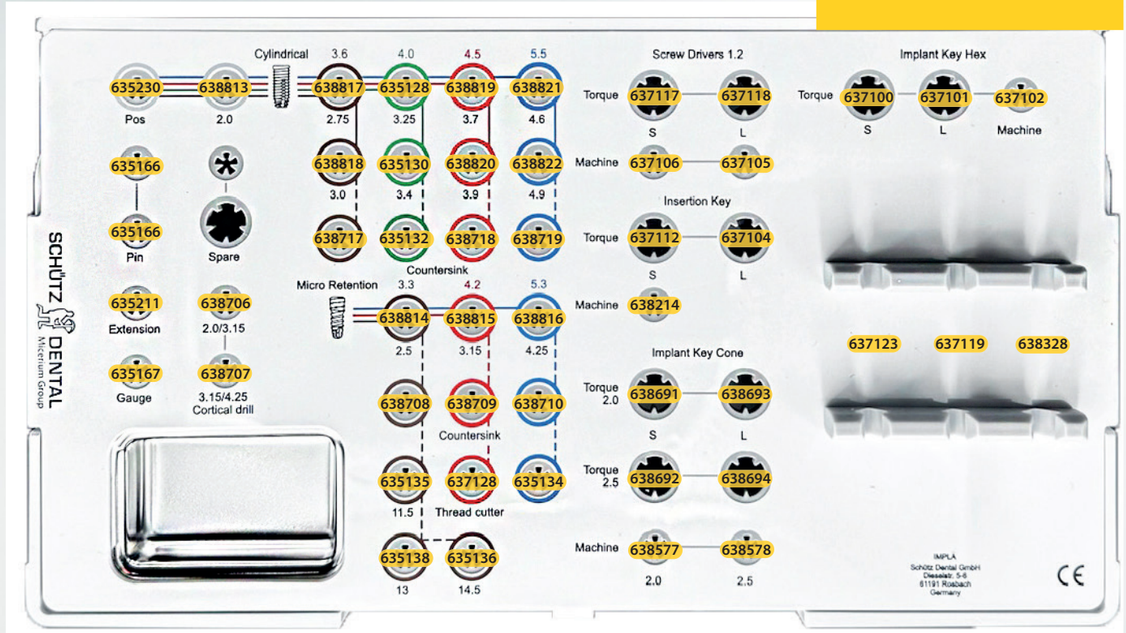


SCHÜTZ DENTAL

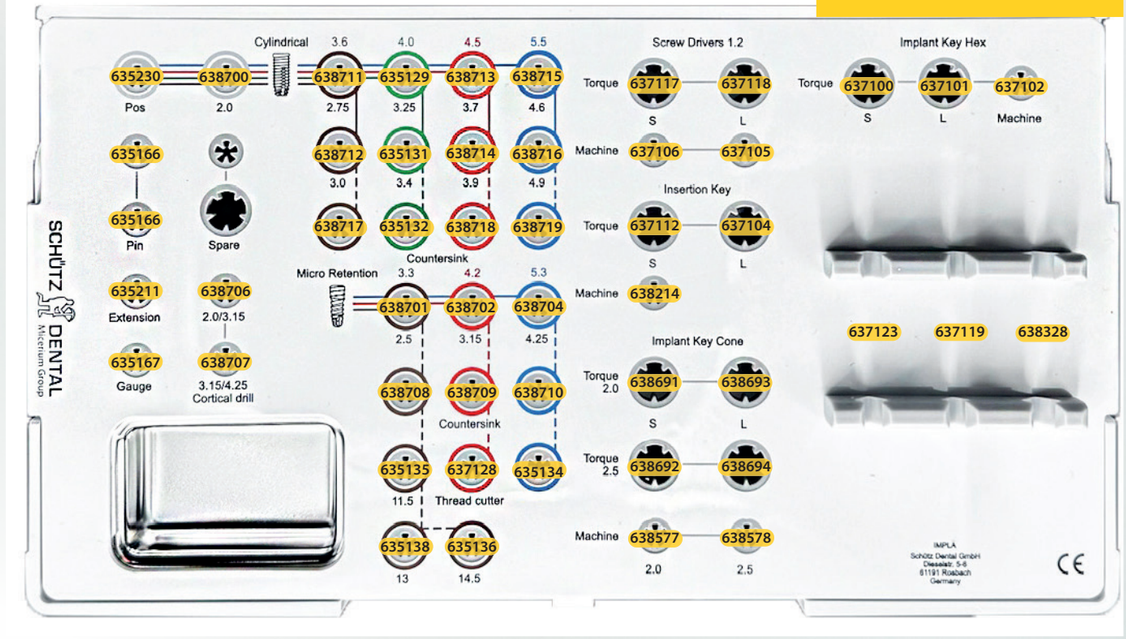
Pictures may vary.

Example

SHORT

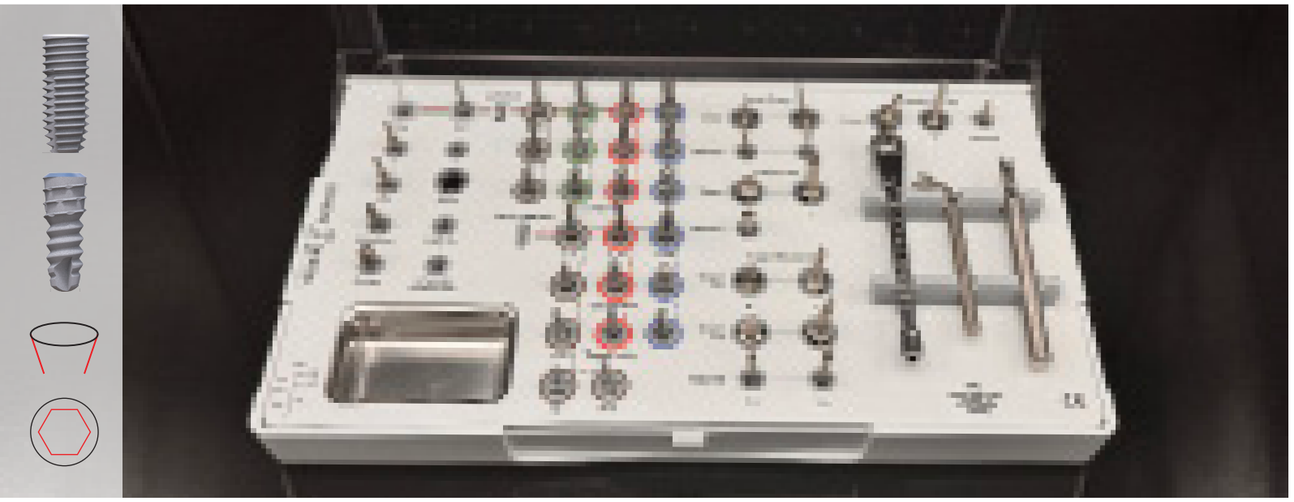


LONG



Pictures may vary.

SCHÜTZ DENTAL



Implantology Tools

Everything in one box.

Customize your IMPLA Surgery Box according to your needs. This compact tray contains all the instruments required for implant placement of IMPLA Cylindrical and Micro Retention implants. This tray can be supplemented optionally.

Recommended components

	Description	Art. no.
	Insertion key Standard short Insertion key Standard long	637112 637104
	Screwdriver 1.2 mm short Screwdriver 1.2 mm long	637117 637118
	Torque ratchet	637123
	Guide key	637119
	Parallelization aid	635166 (2 pcs.)
	Depth gauge 6.5 mm – 14.5 mm	635167
	Pilot drill 1.8 mm	635230
	Pilot drill short 2.0 mm	638813

Pictures may vary.

Additional Instruments – insertion with screwdriver

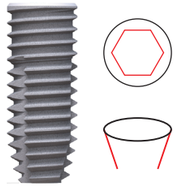
	Description	Art. no.
	Enlargement drill 2.5 mm short	638214
	Open-end wrench	638328
	Screwdriver long 1.2 mm mechanical Screwdriver short 1.2 mm mechanical	637105 637106

Optional Instruments

		Description	Art. no.
		Screwdriver SW 2.3 mm short Screwdriver SW 2.3 mm long *No insertion post needed*	637100 637101
		Insertion key 2.0 mm short Insertion key 2.5 mm short Insertion key 2.0 mm long Insertion key 2.5 mm long	638691 638692 638693 638694
		Drill extension	635211
		Pilot drill 2.0 mm, long	638700
		Enlargement drill 2.5 mm short Enlargement drill 2.5 mm long	638814 638701
		Screwdriver Standard 2.3 mm mechanical	637102
		Insertion key long 2.0 mm mechanical Insertion key long 2.5 mm mechanical	638577 638578
		Tool ratchet for localer adapter	636077
		Insertion key short IMPLA Position Key Insertion key long IMPLA Position Key	638200 638345
		Universal Drilling Guide	638637

Pictures may vary.

Cylindrical Drills



The answer to the challenges of everyday implantology.
Here you can see all the drills (short and long) and countersink cutters needed for the insertion of IMPLA Cylindrical implants.

Cylindrical Drills, short

short version: 33.5 mm

	Description	Art. no.
	Enlargement drill short 2.75 mm	638817
	Enlargement drill short 3.0 mm	638818
	Enlargement drill short 3.25 mm	635128
	Enlargement drill short 3.4 mm	635130
	Enlargement drill short 3.7 mm	638819
	Enlargement drill short 3.9 mm	638820
	Enlargement drill short 4.6 mm	638821
	Enlargement drill short 4.9 mm	638822
	Countersink cutter 3.4 mm	638717
	Countersink cutter 3.8 mm	635132
	Countersink cutter 4.25 mm	638718
	Countersink cutter 5.25 mm	638719
	Pilot drill 1.8 mm	635230
	Pilot drill short 2.0 mm	638813

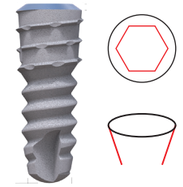
Cylindrical Drills, long

long version: 39.85 mm

	Description	Art. no.
	Enlargement drill long 2.75 mm	638711
	Enlargement drill long 3.0 mm	638712
	Enlargement drill long 3.25 mm	635129
	Enlargement drill long 3.4 mm	635131
	Enlargement drill long 3.7 mm	638713
	Enlargement drill long 3.9 mm	638714
	Enlargement drill long 4.6 mm	638715
	Enlargement drill long 4.9 mm	638716
	Countersink cutter 3.4 mm	638717
	Countersink cutter 3.8 mm	635132
	Countersink cutter 4.25 mm	638718
	Countersink cutter 5.25 mm	638719
	Pilot drill 1.8 mm	635230
	Pilot drill long 2.0 mm	638700

Pictures may vary.

Micro Retention Drills



Predestined for use in cancellous maxillary bone.
Here you can see all the drills (short and long) and countersink cutters needed for the insertion of IMPLA Micro Retention implants.

Micro Retention Drills, short

short version: 33.5 mm

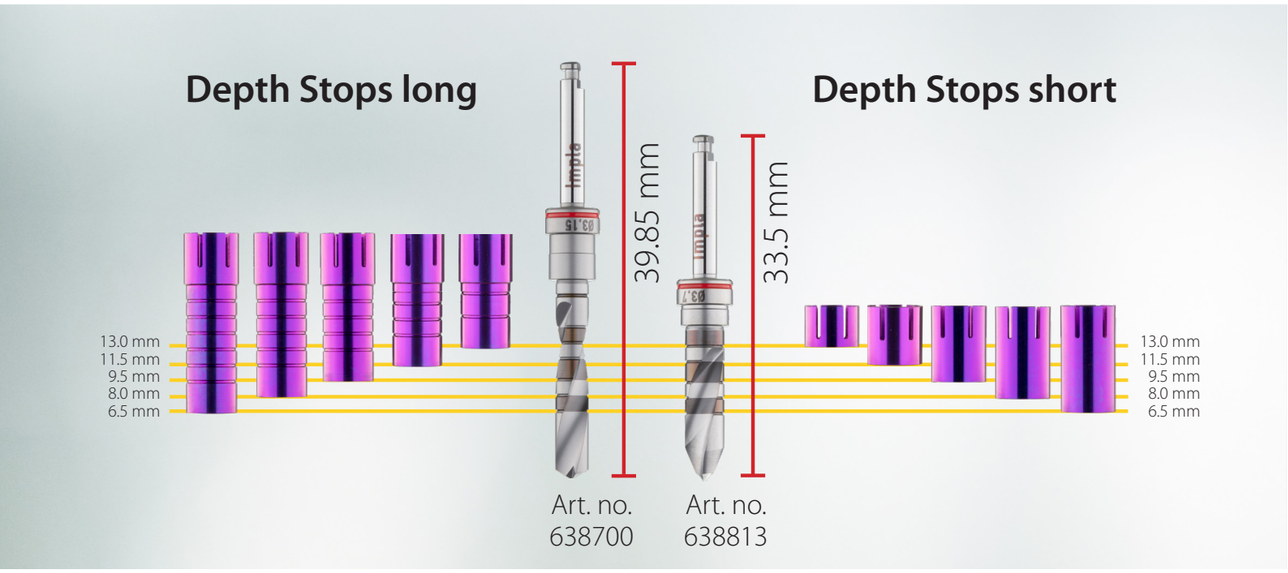
	Description	Art. no.
	Enlargement drill short 2.5 mm	638814
	Enlargement drill short 3.15 mm	638815
	Enlargement drill short 4.25 mm	638816
	Thread cutter 3.3/11.5 mm	635135
	Thread cutter 3.3/13.0 mm	635138
	Thread cutter 3.3/14.5 mm	635136
	Thread cutter 4.2	637128
	Thread cutter 5.3 mm	635134
	Countersink cutter 3.3 mm	638708
	Countersink cutter 4.2 mm	638709
	Countersink cutter 5.3 mm	638710
	Pilot drill 1.8 mm	635230
	Pilot drill short 2.0 mm	638813

Micro Retention Drills, long

long version: 39.85 mm

	Description	Art. no.
	Enlargement drill long 2.5 mm	638701
	Enlargement drill long 3.15 mm	638702
	Enlargement drill long 4.25 mm	638704
	Thread cutter 3.3/11.5 mm	635135
	Thread cutter 3.3/13.0 mm	635138
	Thread cutter 3.3/14.5 mm	635136
	Thread cutter 4.2 mm	637128
	Thread cutter 5.3 mm	635134
	Countersink cutter 3.3 mm	638708
	Countersink cutter 4.2 mm	638709
	Countersink cutter 5.3 mm	638710
	Pilot drill 1.8 mm	635230
	Pilot drill long 2.0 mm	638700
	Cortical drill 3.15 mm	638706
	Cortical drill 4.25 mm	638707

Pictures may vary.



Depth Stop

For an even higher level of safety in implantology

Combine the depth stops with your IMPLA surgery drills (with a suitable drill collar) to obtain a mechanical depth stop when drilling into the jaw bones. The depth stops are simply placed over the drill shaft and come in four different diameters: narrow (brown), medium (red), medium (green), and wide (blue). The color coding and drilling depth/implant length marking make it easy to match the depth stops to the appropriate surgical drill. The depth stops are available in the respective implant lengths.

Depth Stop short

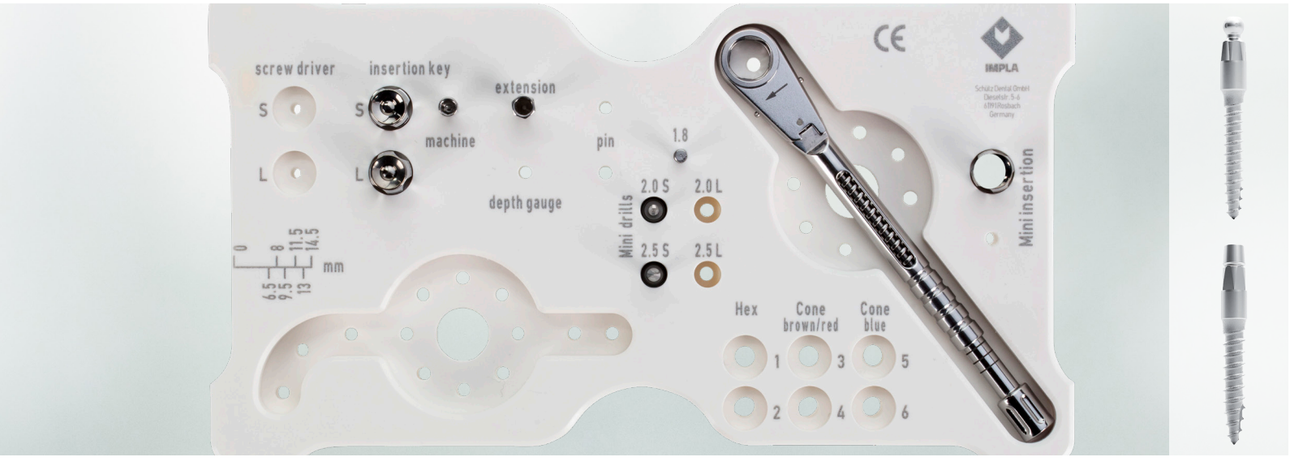
	Description	Art. no.
	Depth stop short / narrow 6.5 mm / brown	638823
	Depth stop short / narrow 8.0 mm / brown	638824
	Depth stop short / narrow 9.5 mm / brown	638825
	Depth stop short / narrow 11.5 mm / brown	638826
	Depth stop short / narrow 13.0 mm / brown	638827
	Depth stop short / medium 6.5 mm / green	740100
	Depth stop short / medium 8.0 mm / green	740101
	Depth stop short / medium 9.5 mm / green	740102
	Depth stop short / medium 11.5 mm / green	740103
	Depth stop short / medium 13.0 mm / green	740104
	Depth stop short / medium 6.5 mm / red	638829
	Depth stop short / medium 8.0 mm / red	638830
	Depth stop short / medium 9.5 mm / red	638831
	Depth stop short / medium 11.5 mm / red	638832
	Depth stop short / medium 13.0 mm / red	638833
	Depth stop short / wide 6.5 mm / blue	638835
	Depth stop short / wide 8.0 mm / blue	638836
	Depth stop short / wide 9.5 mm / blue	638837
	Depth stop short / wide 11.5 mm / blue	638838
	Depth stop short / wide 13.0 mm / blue	638839

Pictures may vary.

Depth Stop long

	Description	Art. no.
	Depth stop long / narrow 6.5 mm / brown	638672
	Depth stop long / narrow 8.0 mm / brown	638673
	Depth stop long / narrow 9.5 mm / brown	638674
	Depth stop long / narrow 11.5 mm / brown	638675
	Depth stop long / narrow 13.0 mm / brown	638676
	Depth stop long / medium 6.5 mm / green	740105
	Depth stop long / medium 8.0 mm / green	740106
	Depth stop long / medium 9.5 mm / green	740107
	Depth stop long / medium 11.5 mm / green	740108
	Depth stop long / medium 13.0 mm / green	740109
	Depth stop long / medium 6.5 mm / red	638678
	Depth stop long / medium 8.0 mm / red	638679
	Depth stop long / medium 9.5 mm / red	638680
	Depth stop long / medium 11.5 mm / red	638681
	Depth stop long / medium 13.0 mm / red	638682
	Depth stop long / wide 6.5 mm / blue	638684
	Depth stop long / wide 8.0 mm / blue	638685
	Depth stop long / wide 9.5 mm / blue	638686
	Depth stop long / wide 11.5 mm / blue	638687
	Depth stop long / wide 13.0 mm / blue	638688

Pictures may vary.



Surgery Tools for IMPLA Mini

This compact tray contains all the necessary drills and instruments for preparing an implant bed and inserting the IMPLA Mini balltop and conetop implants. As the tray is designed without silicone plugs, it offers maximum hygiene. It is also optionally expandable.

Implantology Tools Module Mini art. no. 635127

Description		Art. no.
Image displayed above	Tray Implantology Tools, empty, size M	635100
	Insertion key for Mini balltop	637108
	Insertion key for Mini balltop mechanical	637107
	Insertion key short for Mini conetop Insertion key long for Mini conetop	637112 637104
	Insertion key for Mini conetop mechanical	638214
	Torque ratchet	637123
	Pilot drill 1.8 mm	635230
	Pilot drill short 2.0 mm	638813
	Enlargement drill short 2.5 mm	638814

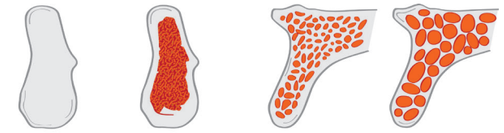
Optional Instruments Implantology Tool Module Mini *(Slots available)*

	Description	Art. no.
	Pilot drill long 2.0 mm	638700
	Enlargement drill long 2.5 mm	638701

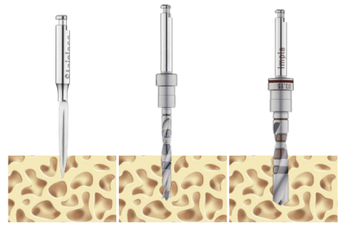
SCHÜTZ DENTAL

Pictures may vary.

Drill Protocols



IMPLA Mini



Pilot Drill 1.8 mm | Pilot Drill 2.0 mm | Enlargement Drill 2.5 mm

2.1 mm	Art. no. 635230	Art. no.	Art. no.
D1	X		
D2	(X)		
D3	(X*)		
D4			

2.5 mm	635230	638700 long 638813 short	638701 long 638814 short
D1	X	X	
D2	X	X	
D3	X*	(X*)	
D4	X*	(X*)	

3.0 mm	635230	638700 long 638813 short	638701 long 638814 short
D1	X	X	(X)
D2	X	X	
D3	X*	X*	
D4	X*	X*	

(X) = 50 % Implant length * = Consider the indication

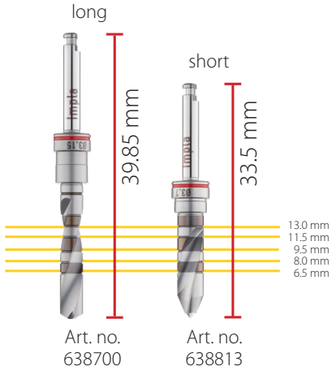
Non-binding recommendation - the user decides according to the individual circumstances. Responsibility lies with the user. Please observe the instruction manual for the system.

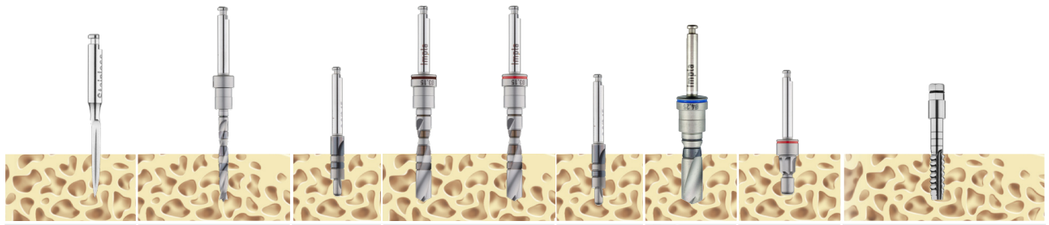
Pictures may vary.

SCHÜTZ DENTAL

Drill Protocols

IMPLA Micro Retention





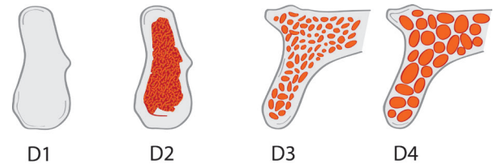
	Pilot drill	Pilot drill	Cortical drill	Enlargement drill		Cortical drill	Enlarge-ment drill	Counter-sink	Thread former
	1.8 mm	2.0 mm	3.15 mm	2.5 mm	3.15 mm	4.25 mm	4.25 mm	3.3 mm – 5.3 mm	11.5 mm – 17.5 mm
3.3 mm									
article number									
long / short	635230	638700 / 638813		638701 / 638814				638708 (3.3 mm)	635135[1] / 635136[1] / 635138[1]
D1	X	X		X				X	X
D2	X	X		X				X	(X)
D3	X	X		X				(X)	
D4	X*	X*		X*					
4.2 mm									
long / short	635230	638700 / 638813	638706	638702 / 638815				638709 (4.2 mm)	637128
D1	X	X	X	X				X	X
D2	X	X	(X)	X				X	(X)
D3	X	X		X				(X)	
D4	X*	X*		X*					
5.3 mm									
long / short	635230	638700 / 638813	638706	638702 / 638815	638707	638704 / 638816		638710 (5.3 mm)	635134
D1	X	X	X	X	X	X		X	X
D2	X	X	(X)	X	(X)	X		X	(X)
D3	X	X		X		X		(X)	
D4	X*	X*		X*		X*			

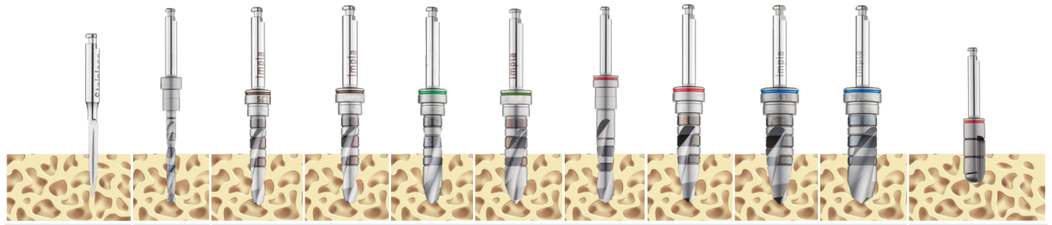
(X) = optional X = similar to the indication "sinus floor elevation" * = Consider the indication*
When using the thread cutter and cortical drill, please adjust to the individual bone quality and implant geometry. Non-binding recommendation - the user decides according to the individual circumstances. Responsibility lies with the user. Please observe the instruction manual for the system.

[1] 635135 = 11.5 mm 635138 = 13.0 mm 635136 = 14.5 mm
Pictures may vary.

Drill Protocols

IMPLA Cylindrical





	Pilot drill	Pilot drill	Enlargement drill								Countersink
	1.8 mm	2.0 mm	2.75 mm	3.0 mm	3.25 mm	3.4 mm	3.7 mm	3.9 mm	4.6 mm	4.9 mm	3.4 – 5.25 mm
3.6 mm											
article number											
long / short	635230	638700 / 638813	638711 / 638817	638712 / 638818							638717 (3.4 mm)
D1	X	X	X	X							(X)
D2	X	X	X	X							(X)
D3	X	X	X								
D4	X*	X*									
4.0 mm											! Shorties**
long / short	635230	638700 / 638813	638711 / 638817	638712 / 638818	635129 / 635128	635131 / 635130					635132 (3.8 mm)
D1	X	X	X		(X)	X					(X)
D2	X	X	X		X						(X)
D3	X	X	X		X						
D4	X*	X*	X*		(X)						
4.5 mm											! Shorties**
long / short	635230	638700 / 638813		638712 / 638818			638713 / 638819	638714 / 638820			638718 (4.25 mm)
D1	X	X		X			X	X			(X)
D2	X	X		X			X	X			(X)
D3	X	X		X			X				
D4	X*	X*		X*							
5.5 mm											! Shorties**
long / short	635230	638700 / 638813		638712 / 638818				638714 / 638820	638715 / 638821	638716 / 638822	638719 (5.25 mm)
D1	X	X		X				X	X	X	(X)
D2	X	X		X				X	X	X	(X)
D3	X	X		X				X	X		
D4	X*	X*		X*				X*			

*** For 6.5 mm implants: D1 bone = use countersink up to 1st marking; D2-D4 bone = do not use countersink*

○ = 1-2 marked ◎ = 3 marked X = similar to the indication "sinus floor elevation" * = Consider the indication*
Non-binding recommendation - the user decides according to the individual circumstances. Responsibility lies with the user. Please observe the instruction manual for the system.
Pictures may vary.

Gingiva Former

The IMPLA gingiva formers help mold the peri-implant soft tissue during the healing phase.

Color code	
brown	ø 3.3 mm / 3.6 mm
green	ø 4.0 mm
red	ø 4.2 mm / 4.5 mm
blue	ø 5.3 mm / 5.5 mm

The gingiva formers are available in a cylindrical and conical geometry and in different gingival heights. The sterile packaging of the healing abutments saves you the time of having to sterilize them again before use. Due to the slightly conical shape, which is the result of the new emergence profile, these gingiva formers are especially, but not exclusively, suitable for restorations in which the gingiva can already be shaped before the final restoration and thus a beautiful emergence profile can be achieved.

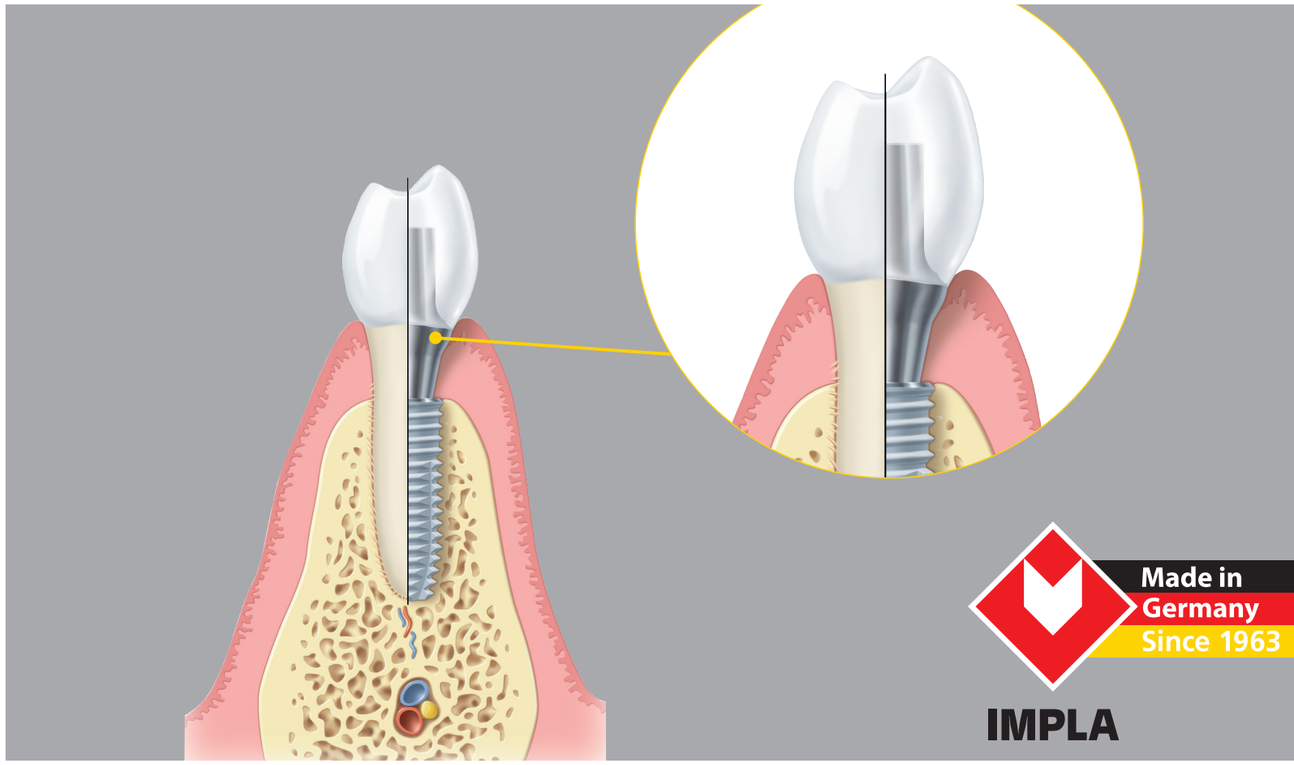
Cone Connection

Description	Size | Art. no.		
	ø 3.3 mm/a (mm)	ø 4.2 mm/a (mm)	ø 5.3 mm/a (mm)
conical GH 2 mm	638509 / 4.4	638513 / 5.4	638517 / 6.4
conical GH 3 mm	638510 / 4.4	638514 / 5.4	638518 / 6.4
conical GH 4 mm	638511 / 4.4	638515 / 5.4	638519 / 6.4
conical GH 5 mm	638512 / 4.4	638516 / 5.4	638520 / 6.4
cylindrical GH 3 mm	638521	638524	
cylindrical GH 4 mm	638522	638525	
cylindrical GH 5 mm	638523	638526	

Hex Connection

Description	Size | Art. no.		
	ø 3.3 mm | a (mm)	ø 4.2 mm | a (mm)	ø 5.3 mm | a (mm)
conical GH 2 mm	638879 | 4.08	638883 | 4.92	638887 | 5.95
conical GH 3 mm	638880 | 4.10	638884 | 5.0	638888 | 6.25
conical GH 4 mm	638881 | 4.84	638885 | 4.95	638889 | 6.28
conical GH 5 mm	638882 | 5.18	638886 | 5.0	638890 | 6.44
cylindrical GH 2 mm	635023	635074	635013
cylindrical GH 3 mm	635024	635067	635009
cylindrical GH 4 mm	635025	635075	635005

Pictures may vary.



Prosthetics

The IMPLA prosthetic parts make it possible for you to handle practically any prosthetic indication.

From titanium designs to the necessary components for producing tailor-made designs by means of CAD/CAM technology.

IMPLA prosthetic system offers you all this and more. Here you can also find two different types of connection in the IMPLA system – cone connection and hex connection. These are also reflected in the designs. You will find information about the prosthetic series on the following pages, subdivided according to the type of connection.

Color code	Surgery	Prosthetics
brown	ø 3.3 mm / 3.6 mm	ø 3.3 mm
green	ø 4.0 mm	ø 3.3 mm
red	ø 4.2 mm / 4.5 mm	ø 4.2 mm
blue	ø 5.3 mm / 5.5 mm	ø 5.3 mm

Pictures may vary.

Prosthetic guideline Cone Connection

Impression

- open
- closed
- digital
- Multi Unit
- Aesthura® digital

Gingiva Former

- conical
- cylindrical
- Multi Unit

	Individual Tooth Restorations	Bridge Restorations	Total Restorations (conditionally removable)	Total Restorations (removable)
Titanium abutments Conical connector	✓	✓	×	✓
CAD/CAM Adhesive base Titanium	✓	✓	×	×
CAD/CAM Titanium base CEREC®	✓	✓	×	×
CAD/CAM Blank PreFace®	✓	✓	×	✓
Multi Unit Abutment	×	✓	✓	✓
Acrylic abutment	✓	✓	×	✓
Locator® Abutment	×	×	×	✓
Aesthura® Abutment	✓	✓	×	×
No Lock	×	✓	×	✓

Pictures may vary.

Cone Connection

Open Impression Technique

The **IMPLA impression posts** are color-coded in line with the implant diameter and equipped with a short or long fixing screw. The elongated section of the implant axis of the customized **impression tray** to be created must be perforated so that the fixing screw protrudes from the impression post. To secure the impression post in place, the **fixing screw** should be carefully hand-tightened both in the **implant** and on the **laboratory implant** using the 1.2 mm screwdriver.

	Description	Size | Art. no.
	Impression post incl. fixation screw short (20 mm)	ø 3.3 mm | 638858 ø 4.2 mm | 638859 ø 5.3 mm | 638860
	Impression post incl. fixation screw long (27 mm)	ø 3.3 mm | 638861 ø 4.2 mm | 638862 ø 5.3 mm | 638863
	Impression post	ø 3,3 mm | 638500 ø 4,2 mm | 638501 ø 5,3 mm | 638502
	screw short (20 mm)	636525
	screw long (27 mm)	636526

Closed Impression Technique

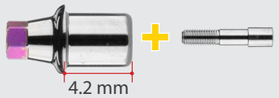
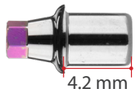
The **IMPLA impression posts** are color-coded in line with the implant diameter and equipped with a **transfer cover** and **vertical screw**. A preassembled **impression tray** can be used for the closed tray impression technique. To secure the impression post in place, the **vertical screw** should be carefully hand-tightened both in the implant and on the **laboratory implant** using the 1.2 mm **screwdriver**. The **transfer cover** (repositioning aid) is pushed onto the impression posts until a noticeable pressure point is overcome and the transfer cover is clearly secure.

	Description	Size / Art. no.
	Impression posts incl. transfer cover and vertical screw blue 1.5 mm	ø 3.3 mm | 638870 ø 4.2 mm | 638871 ø 5.3 mm | 638872
	Impression posts	ø 3.3 mm | 638596 ø 4.2 mm | 638597 ø 5.3 mm | 638598
	Transfer cover for mini implant conetop	635495
	Vertical screw blue	636658

Pictures may vary.

CAD/CAM Adhesive Base Titanium

The rotationally secure **IMPLA CAD/CAM adhesive bases** act as the optimum connection between the implant and the custom created single-tooth crowns and mesostructures, made from suitable materials. The base is optically captured using suitable dental scanners. To this end, the **IMPLA scan abutment** is placed on the base and secured with the laboratory screw. The digitally recorded geometry is used to model and manufacture single-tooth crowns and mesostructures using CAD/CAM techniques.

	Description	Size | Art. no.
	Adhesive base, titanium incl. Screw	ø 3.3 mm | 638894 ø 4.2 mm | 638895 ø 5.3 mm | 638896
	Adhesive base, titanium	ø 3.3 mm | 638600 ø 4.2 mm | 638601 ø 5.3 mm | 638602

CAD/CAM Abutments

The **IMPLA PreFace® abutments** made from titanium enable you to create one-piece, customized abutments.
The abutments are **original IMPLA products** characterized by the highest precision and accuracy.
A MEDENTIKA PreFace® abutment holder is required.

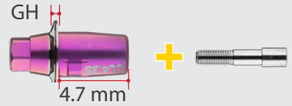
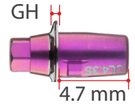
	Description	Size | Art. no.
	PreFace® abutment titanium D 11.5 mm incl. screw	ø 3.3 mm | 638909 ø 4.2 mm | 638910 ø 5.3 mm | 638911
	PreFace® abutment titanium D 16.0 mm incl. screw	ø 3.3 mm | 638912 ø 4.2 mm | 638913 ø 5.3 mm | 638914
	PreFace® abutment titanium D 11.5 mm	ø 3.3 mm | 638804 ø 4.2 mm | 638805 ø 5.3 mm | 638806
	PreFace® abutment titanium D 16.0 mm	ø 3.3 mm | 638810 ø 4.2 mm | 638811 ø 5.3 mm | 638812

PreFace® ist ein eingetragenes Warenzeichen der Firma Medentika GmbH.

Pictures may vary.

CAD/CAM Adhesive Base for CEREC® *Based on Sirona CEREC® System.*

The **IMPLA CAD/CAM CEREC®** adhesive base enables you to use CAD/CAM to design and manufacture customized implant abutments and single-tooth restorations for **IMPLA implants**. It is based on the Sirona CEREC® system. Every IMPLA CEREC® adhesive base has a laser inscription that specifies which ceramic block connection (S, L) and data path you should choose.
Please order the Sirona scan bodies and ceramic blocks from your specialist retailer as usual.

	Description	Size | Art. no.
	Adhesive base, titanium incl. screw	ø 3.3 mm / GH 0.5 mm | 638900 ø 4.2 mm / GH 0.5 mm | 638901 ø 5.3 mm / GH 0.5 mm | 638902
	Adhesive base, titanium	ø 3.3 mm / GH 0.5 mm | 638640 ø 4.2 mm / GH 0.5 mm | 638641 ø 5.3 mm / GH 0.5 mm | 638642

Accessories

The **vertical screw POM** is an adhesive aid that makes it safe and easy to bond the abutment to the custom-design-ed structure. It prevents adhesive from getting into the screw channel when bonding the individual abutment. By using the bonder Sebond Implant and the self-hardening composite cement **Alphalink Implant**, you can optimally bond the **IMPLA adhesive base** to the customized structure.

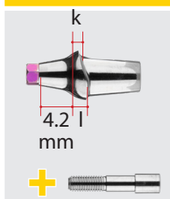
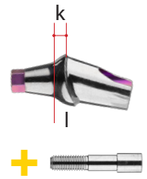
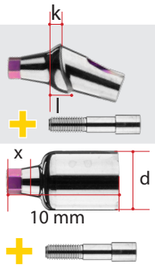
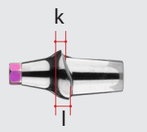
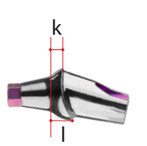
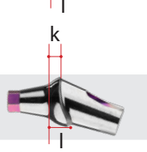
	Description	Size | Art. no.
	Scan abutment incl. screw blue	ø 3.3 mm / ø 4.2 mm | 638877 ø 5.3 mm | 638878
	Scan abutment	ø 3.3 mm / ø 4,2 mm | 638874 ø 5.3 mm | 638875
	Scan abutment	ø 3.3 mm | 638603 ø 4.2 mm | 638604 ø 5.3 mm | 638605
	Vertical screw POM	638365
	Vertical screw	636649
	Labor implant	ø 3.3 mm | 638506 ø 4.2 mm | 638507 ø 5.3 mm | 638508

Pictures may vary.

CEREC® ist ein eingetragenes Warenzeichen der Firma Sirona Dental GmbH.

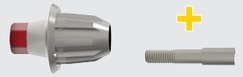
Titanium Abutments

The titanium **IMPLA Conical connectors** are ideal for cementable single-tooth and bridge restorations subject to high aesthetic demands. The **IMPLA Conical connectors** are available with angles of 0°, 15°, and 20°. Thanks to the anatomically adjusted shoulder geometry and the different gingiva heights, fewer individual modifications are required in the shoulder area, thereby reducing the processing time.

	Description	Size | Art. no.
	Conical connector 0° incl. screw	ø 3.3 mm / GH 1 mm / k 1 mm / l 1.8 mm | 638930 ø 4.2 mm / GH 1 mm / k 1 mm / l 1.8 mm | 638931 ø 5.3 mm / GH 1 mm / k 1 mm / l 1.8 mm | 638932 ø 3.3 mm / GH 3 mm / k 3 mm / l 3.8 mm | 638933 ø 4.2 mm / GH 3 mm / k 3 mm / l 3.8 mm | 638934 ø 5.3 mm / GH 3 mm / k 3 mm / l 3.8 mm | 638935 ø 4.2 mm / GH 5 mm / k 5 mm / l 5.8 mm | 638942 ø 5.3 mm / GH 5 mm / k 5 mm / l 5.8 mm | 638943
	Conical connector 15° incl. screw	ø 3.3 mm / GH 1 mm / k 1 mm / l 1.8 mm | 638936 ø 4.2 mm / GH 1 mm / k 1 mm / l 1.8 mm | 638937 ø 5.3 mm / GH 1 mm / k 1 mm / l 1.8 mm | 638938 ø 3.3 mm / GH 3 mm / k 3 mm / l 3.8 mm | 638939 ø 4.2 mm / GH 3 mm / k 3 mm / l 3.8 mm | 638940 ø 5.3 mm / GH 3 mm / k 3 mm / l 3.8 mm | 638941 ø 4.2 mm / GH 5 mm / k 5 mm / l 5.8 mm | 638944 ø 5.3 mm / GH 5 mm / k 5 mm / l 5.8 mm | 638945
	Conical connector 20° incl. screw	ø 4.2 mm / GH 3 mm / k 3 mm / l 3.8 mm | 638946 ø 5.3 mm / GH 3 mm / k 3 mm / l 3.8 mm | 638947
	Conical connector 0° indiv. millable incl. screw	ø 3.3 mm / x 2.54 / d 4.5 | 638927 ø 4.2 mm / x 2.54 / d 5.5 | 638928
	Conical connector 0°	ø 3.3 mm / GH 1 mm / k 1 mm / l 1.8 mm | 638540 ø 4.2 mm / GH 1 mm / k 1 mm / l 1.8 mm | 638541 ø 5.3 mm / GH 1 mm / k 1 mm / l 1.8 mm | 638542 ø 3.3 mm / GH 3 mm / k 3 mm / l 3.8 mm | 638543 ø 4.2 mm / GH 3 mm / k 3 mm / l 3.8 mm | 638544 ø 5.3 mm / GH 3 mm / k 3 mm / l 3.8 mm | 638545 ø 4.2 mm / GH 5 mm / k 5 mm / l 5.8 mm | 638546 ø 5.3 mm / GH 5 mm / k 5 mm / l 5.8 mm | 638547
	Conical connector 15°	ø 3.3 mm / GH 1 mm / k 1 mm / l 1.8 mm | 638548 ø 4.2 mm / GH 1 mm / k 1 mm / l 1.8 mm | 638549 ø 5.3 mm / GH 1 mm / k 1 mm / l 1.8 mm | 638550 ø 3.3 mm / GH 3 mm / k 3 mm / l 3.8 mm | 638551 ø 4.2 mm / GH 3 mm / k 3 mm / l 3.8 mm | 638552 ø 5.3 mm / GH 3 mm / k 3 mm / l 3.8 mm | 638553 ø 4.2 mm / GH 5 mm / k 5 mm / l 5.8 mm | 638554 ø 5.3 mm / GH 5 mm / k 5 mm / l 5.8 mm | 638555
	Conical connector 20°	ø 4.2 mm / GH 3 mm / k 3 mm / l 3.8 mm | 638556 ø 5.3 mm / GH 3 mm / k 3 mm / l 3.8 mm | 638557
	Conical connector 0° indiv. millable	ø 3.3 mm / x 2.54 mm / d 4.5 mm | 638609 ø 4.2 mm / x 2.54 mm / d 5.5 mm | 638610 ø 5.3 mm / x 4.06 mm / d 6.5 mm | 638611

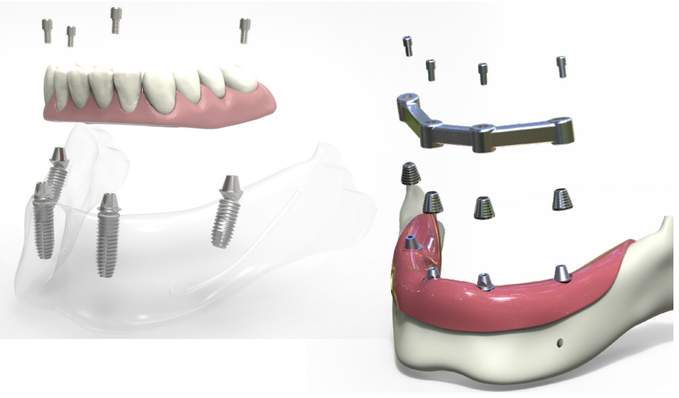
Aesthura® Abutments

Aesthura® abutments feature special design characteristics. They have a very low height, are physiologically optimized from a load perspective, and offer almost perfect anti-rotation properties. Placed on the implant as a shuttle, they enable a very simple provisional restoration without using cement. The **screwed-on scan abutment** furthermore enables optimum integration into the **digital work process**.

	Description	Size | Art. no.	
	Aesthura® Abutment incl. screw	ø 3.3 mm / GH 1.2 mm ø 4.2 mm / GH 1.2 mm ø 5.3 mm / GH 1.2 mm	| 638948 | 638949 | 638950
	Aesthura ®Abutment incl. screw	ø 3.3 mm / GH 2.5 mm ø 4.2 mm / GH 2.5 mm ø 5.3 mm / GH 2.5 mm	| 638951 | 638952 | 638953
	Aesthura® Adhesive base incl. screw	ø 3.3 mm / GH 0,3 mm ø 4.2 mm / GH 0,3 mm ø 5.3 mm / GH0,3 mm	| 638954 | 638955 | 638956
	Aesthura® Abutment	ø 3.3 mm / GH 1.2 mm ø 4.2 mm / GH 1.2 mm ø 5.3 mm / GH 1.2 mm	| 638653 | 638654 | 638655
	Aesthura ®Abutment	ø 3.3 mm / GH 2.5 mm ø 4.2 mm / GH 2.5 mm ø 5.3 mm / GH 2.5 mm	| 638656 | 638657 | 638658
	Aesthura® Adhesive base	ø 3.3 mm / GH 0,3 mm ø 4.2 mm / GH 0,3 mm ø 5.3 mm / GH0,3 mm	| 638659 | 638660 | 638661
	Aesthura® Holding screw	ø 3.3 mm / Abutment / GH 1.2 mm ø 3.3 mm / Abutment / GH 2.5 mm ø 3.3 mm / Adhesive base / GH 0,3 mm	| 638667 | 638668 | 638667
	Aesthura® Holding screw	ø 4.2 mm / Abutment / GH 1.2 mm ø 4.2 mm / Abutment / GH 2.5 mm ø 4.2 mm / Adhesive base / GH 0,3 mm	| 638667 | 638668 | 638667
	Aesthura® Holding screw	ø 5.3 mm / Abutment / GH 1.2 mm ø 5.3 mm / Abutment / GH 2.5 mm ø 5.3 mm / Adhesive base / GH 0,3 mm	| 638668 | 638669 | 638668
	Aesthura® Vertical screw	To secure the abutment on the implant.	| 638665
	Aesthura® Screwdriver short		638670
	Aesthura® Screwdriver long		638671

Pictures may vary.

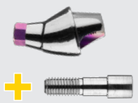
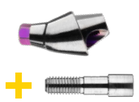
IMPLA Multi Unit System



Multi Unit Abutments

The **IMPLA Multi Unit system** has been specially developed for occlusally screw-retained permanent and removable bars, bridges, and total restorations. **IMPLA Multi Unit abutments** are available in three different angles (0°, 20°, and 30°). The abutments are screwed together directly with the respective implant. This creates a fixed transgingival platform that can be used for all further prosthetic and laboratory measures. The 0° abutments already have a screw thread and are screwed into the implant with the **long or short insertion key**. To attach the 20° and 30° abutments to the implant, the **vertical screw Multi Unit** is used. This is screwed in using the **long or short 1.2 mm screwdriver**. All laboratory components are secondarily secured to the abutment base with the prosthetics screw using the **long or short 1.2 mm screwdriver.**

For the range of recommended **implants**, please see the IMPLA instructions for use.

Description	Size | Art. no.	
	Multi Unit Abutment 20° incl. screw	ø 3.3 mm / GH 1.5 mm | 638963
		ø 4.2 mm / GH 1.5 mm | 638969
		ø 5.3 mm / GH 1 mm | 638974
		ø 3.3 mm / GH 3 mm | 638965
		ø 4.2 mm / GH 3 mm | 638971
		ø 5.3 mm / GH 3 mm | 638976
	Multi Unit Abutment 30° incl. screw	ø 3.3 mm / GH 1 mm | 638962
		ø 4.2 mm / GH 1 mm | 638968
		ø 3.3 mm / GH 3 mm | 638966
		ø 4.2 mm / GH 3 mm | 638972
	Multi Unit Abutment 0°	ø 3.3 mm / GH 1 mm | 638615
		ø 4.2 mm / GH 1 mm | 638621
		ø 5.3 mm / GH 1 mm | 638643
		ø 3.3 mm / GH 3 mm | 638616
		ø 4.2 mm / GH 3 mm | 638622
		ø 5.3 mm / GH 3 mm | 638644
	Multi Unit Abutment 20°	ø 3.3 mm / GH 1.5 mm | 638617
		ø 4.2 mm / GH 1.5 mm | 638623
		ø 5.3 mm / GH 1 mm | 638645
		ø 3.3 mm / GH 3 mm | 638618
		ø 4.2 mm / GH 3 mm | 638624
		ø 5.3 mm / GH 3 mm | 638646
	Multi Unit Abutment 30°	ø 3.3 mm / GH 1 mm | 638619
		ø 4.2 mm / GH 1 mm | 638625
		ø 3.3 mm / GH 3 mm | 638620
		ø 4.2 mm / GH 3 mm | 638626

Pictures may vary.

Accessories Multi Unit Abutments

Prothetik 4.0 Implants
green → brown ø 3.3 mm

Description		Art. no.
	Lab implant Multi Unit, long	638638
	Impression post Multi Unit, open impression	638628
	Fixation screw for impression post, open impression	638629
	Plastic sleeve POM Multi Unit	638630
	Metal sleeve Multi Unit	638631
	Gingiva sleeve PEEK Multi Unit	638632
	Scan abutment Multi Unit	638633
	Vertical screw Multi Unit short	638634
	Prosthetic screw secondary Multi Unit	638636
	Screwdriver 1.2 mm short Screwdriver 1.2 mm long	637117 637118
	Insertion aid standard, short Insertion aid standard, long	637112 637104

Universal Drilling Guide

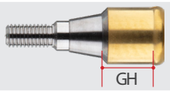
The system enables you to place the implants at the ideal angle for the subsequent prosthetic restoration. The Universal Drilling Guide is a drilling aid that helps you drill holes for distal implants: Drill the mesial pilot hole without angulation, then, based on this, use the drilling guide to position all other implants at 0°, 20°, or 30°. The Universal Drilling Guide is ideal for using with the Multi Unit system.

Description	Art. no.	
	Universal Drilling Guide	638637

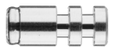
Pictures may vary.

Locator®-Abutments

The **Locator® abutments** are designed for use with implant-retained and mucous-membrane-supported prosthetics for partial and total prostheses in the upper and lower jaw worn resiliently. The **Locator® abutments** are primarily characterized by a low vertical height, their unique dual anchor system, and the ability to be used at severe angles with implant divergences of up to 20° per implant. The self-aligning design enables intuitive positioning when inserting and fixing the prosthesis. Various retention inserts with different pull-off forces are available.

	Description	Size | Art. no.
	Locator®-Abutment GH 1 mm	ø 3.3 mm | 638580 ø 4.2 mm | 638580 ø 5.3 mm | 638582
	Locator®-Abutment GH 2 mm	ø 3.3 mm | 638583 ø 4.2 mm | 638583 ø 5.3 mm | 638586
	Locator®-Abutment GH 3 mm	ø 3.3 mm | 638584 ø 4.2 mm | 638584 ø 5.3 mm | 638587
	Locator®-Abutment GH 4 mm	ø 3.3 mm | 638581 ø 4.2 mm | 638581 ø 5.3 mm | 638589
	Locator®-Abutment GH 5 mm	ø 3.3 mm | 638585 ø 4.2 mm | 638585 ø 5.3 mm | 638588

Accessories Locator®-Abutments

	Description	Art. no.
	Locator® impression post	636067
	Locator® Lab implant	636068
	Locator® five-part matrix set (retention housing with processing insert black, blocking ring, Locator insertion part clear, pink, blue)	636070
	Locator® insertion part, range 0°-10° • 4 pcs./clear, pull-off force 2,260 g • 4 pcs./pink, pull-off force 1,360 g • 4 pcs./blue, pull-off force 680 g Locator® insertion part, range 10°-20° • 4 pcs./green, pull-off force 1,360-1,800 g • 4 pcs./red, light retention, pull-off force 220-680 g	 636071 636072 636076 636073 636074
	Locator® processing insert black, 4 pc.-package	636059
	Locator®-Adapter, mechanical	636075
	Ratchet with tool connection for Locator® adapter (art. no. 636075)	636077
	Locator® tool, three-part	636066

Pictures may vary.
Locator® is a registered trademark of Zest Anchors Inc.

No Lock Ti-Base Abutments

One of the latest innovations in the field of No Lock Ti-Base abutments is the „two-piece“ abutment design. A customized two-piece abutment offers numerous advantages compared to a one-piece abutment.
No Lock Ti-Base abutments have an ideal application area for screwed implants and work on Hex Connection and Cone Connection each 3.3 mm, 4.2 mm and 5.3 mm.

	Description	Size | Art. no.
	No Lock Ti-Base Abutment 0°	ø 3.3 mm | 637184 ø 4.2 mm | 637185 ø 5.3 mm | 637186
	No Lock Ti-Base Abutment 15°	ø 3.3 mm | 637187 ø 4.2 mm | 637188 ø 5.3 mm | 637189
	Srewdriver for angled adhesive bases with contra-angle connection	637190

Castable abutments

The **IMPLA plastic abutment** is made entirely of a **castable plastic (POM)**. The upper area acts as a modeling aid that can be occlusally shortened as required and provides a clean finish to the screw channel. This abutment enables you to manufacture customized single-tooth crowns and mesostructures for cementable bridge restorations and primary pillars in order to bridge implant axis divergences when using the double crown technique. Casting can occur using gold or CoCr alloys or the titanium casting process.

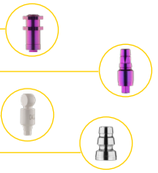
	Description	Size | Art. no.
	Acrylic abutment incl. screw	ø 3.3 mm / d 3.8 mm | 638924 ø 4.2 mm / d 4.9 mm | 638925 ø 5.3 mm / d 5,9 mm | 638926
	Acrylic abutment	ø 3.3 mm / d 3.8 mm | 638606 ø 4.2 mm / d 4.9 mm | 638607 ø 5.3 mm / d 5,9 mm | 638608

Pictures may vary.

Prosthetic Guideline Hex Connection

Impression

- open
- closed
- digital
- Multi Unit



Gingiva Former

- conical
- cylindrical
- Multi Unit

	Individual Tooth Restorations	Bridge Restorations	Total Restorations (conditionally removable)	Total Restorations (removable)
 Titanium Abutments Conical Connector	✓	✓	✕	✓
 CAD/CAM Adhesive Base Titanium	✓	✓	✕	✕
 CAD/CAM Adhesive Base Titanium CEREC®	✓	✓	✕	✕
 CAD/CAM Blank PreFace®	✓	✓	✕	✓
 Multi Unit Abutment	✕	✓	✓	✕
 Acrylic abutment	✓	✓	✕	✓
 Locator® Abutment	✕	✕	✕	✓
 No Lock	✕	✓	✕	✓

Pictures may vary.

Hex Connection

Impression posts

The **IMPLA impression posts** are color-coded in line with the implant diameter and equipped with a short or long fixing screw. The elongated section of the implant axis of the customized **impression tray** to be created must be perforated so that the fixing screw protrudes from the impression post. To secure the impression aid in place, the **fixing screw** should be carefully hand-tightened both in the implant and on the **laboratory implant** using the 1.2 mm **screwdriver**.

	Description	Size | Art. no.
	Impression post incl. fixation screw short (20 mm)	ø 3.3 mm | 638852 ø 4.2 mm | 638853 ø 5.3 mm | 638854
	Impression post incl. fixation screw long (27 mm)	ø 3.3 mm | 638855 ø 4.2 mm | 638856 ø 5.3 mm | 638857
	Impression post	ø 3.3 mm | 636135 ø 4.2 mm | 636124 ø 5.3 mm | 636138
	Fixation screw short (20 mm)	636525
	Fixation screw long (27 mm)	636526

Closed impression technique

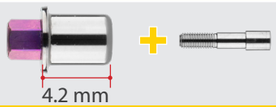
The **IMPLA impression posts** are color-coded in line with the implant diameter and equipped with a **transfer cover** and **vertical screw**. A preassembled **impression tray** can be used for the closed tray impression technique. To secure the impression aid in place, the **vertical screw** should be carefully hand-tightened both in the implant and on the **laboratory implant** using the 1.2 mm **screwdriver**. The **transfer cover** (repositioning aid) is pushed onto the impression posts until a noticeable pressure point is overcome and the transfer cover is clearly secure.

	Description	Size | Art. no.
	Impression post incl. transfer cover and vertical screw blue 1.5 mm	ø 3.3 mm | 638867 ø 4.2 mm | 638868 ø 5.3 mm | 638869
	Impression post	ø 3.3 mm | 635496 ø 4.2 mm | 635497 ø 5.3 mm | 635498
	Transfer cover for Mini implant conetop	635495
	vertical screw blue 1.5 mm	636658

Pictures may vary.

CAD/CAM Adhesive base Titanium

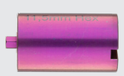
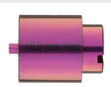
The rotationally secure **IMPLA CAD/CAM adhesive bases** act as the optimum connection between the implant and the custom created single-tooth crowns and mesostructures, made from suitable materials. The base is optically captured using suitable dental scanners. To this end, the **IMPLA scan abutment** is placed on the base and secured with the blue vertical screw. The digitally recorded geometry is used to model and manufacture single-tooth crowns and mesostructures using **CAD/CAM techniques**.

	Description	Size | Art. no.
	Adhesive Base Titanium incl. screw	ø 3.3 mm | 638891 ø 4.2 mm | 638892 ø 5.3 mm | 638893
	Adhesive Base Titanium	ø 3.3 mm | 636681 ø 4.2 mm | 636683 ø 5.3 mm | 636685

CAD/CAM Blanks

The **IMPLA PreFace® abutments** made from titanium enable you to create one-piece, customized abutments.

The abutments are **original IMPLA products** characterized by the highest precision and accuracy. A MEDENTIKA PreFace® abutment holder is required.

	Description	Size | Art. no.
	PreFace® Abutment Titanium D 11.5 mm incl. screw	ø 3.3 mm | 638903 ø 4.2 mm | 638904 ø 5.3 mm | 638905
	PreFace® Abutment Titanium D 16.0 mm incl. screw	ø 3.3 mm | 638906 ø 4.2 mm | 638907 ø 5.3 mm | 638908
	PreFace® Abutment Titanium D 11.5 mm	ø 3.3 mm | 638800 ø 4.2 mm | 638801 ø 5.3 mm | 638802
	PreFace® Abutment Titanium D 16.0 mm	ø 3.3 mm | 638807 ø 4.2 mm | 638808 ø 5.3 mm | 638809

Pictures may vary.
Preface® is a registered trademark of Medentika GmbH.

CAD/CAM Titanium Base for CEREC® *Based on the Sirona CEREC® System.*

The **IMPLA CAD/CAM CEREC® adhesive base** enables you to use CAD/CAM to design and manufacture customized implant abutments and single-tooth restorations for **IMPLA implants**. It is based on the Sirona CEREC® system. Every IMPLA CEREC® adhesive base has a laser inscription that specifies which ceramic block connection (S, L) and data path you should choose.
Please order the Sirona scan bodies and ceramic blocks from your specialist retailer as usual.

	Description	Size | Art. no.
	Adhesive Base Titanium incl. screw	ø 3.3 mm | 638897 ø 4.2 mm | 638898 ø 5.3 mm | 638899
	Adhesive Base Titanium	ø 3.3 mm | 636703 ø 4.2 mm | 636704 ø 5.3 mm | 636705

Accessories

The **vertical screw POM** is an adhesive aid that makes it safe and easy to bond the abutment to the custom-designed structure. It prevents adhesive from getting into the screw channel when bonding the individual abutment.

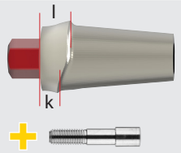
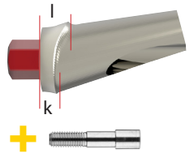
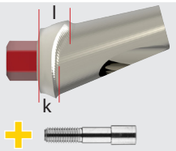
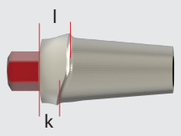
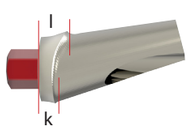
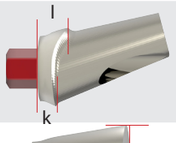
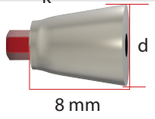
By using the bonder **Sebond Implant** and the self-hardening composite cement **Alphalink Implant**, you can optimally bond the **IMPLA adhesive base** to the customized structure.

	Description	Size | Art. no.
	Scan abutment incl. screw, blue	ø 3.3/4.2/5.3 mm | 638876
	Scan abutment	ø 3.3/4.2/5.3 mm | 638873
	Scan abutment	ø 3.3 mm | 636686 ø 4.2 mm | 636687 ø 5.3 mm | 636688
	Vertical screw POM	638365
	Vertical screw	636649
	Laboratory implant	ø 3.3 mm | 636133 ø 4.2 mm | 636132 ø 5.3 mm | 636134

Pictures may vary.
Locator® is a registered trademark of Zest Anchors Inc.

Titanium abutments

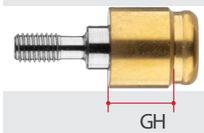
The titanium **IMPLA Conical connectors** are ideal for cementable single-tooth and bridge restorations subject to high aesthetic demands. The **IMPLA Conical connectors** are available with angles of 0°, 15° and 20°. Individually milled IMPLA Conical connectors are also available to you for **highly customized modifications**.

	Description	Size | Art. no.
	Conical connector 0° incl. screw	ø 3.3 mm / GH 1.0 mm / k 1.5 mm / l 1.8 mm | 636202 ø 4.2 mm / GH 1.0 mm / k 1.5 mm / l 1.8 mm | 636203 ø 5.3 mm / GH 1.0 mm / k 1.5 mm / l 1.8 mm | 636204 ø 3.3 mm / GH 3.0 mm / k 2.5 mm / l 3.8 mm | 636205 ø 4.2 mm / GH 3.0 mm / k 2.5 mm / l 3.8 mm | 636206 ø 5.3 mm / GH 3.0 mm / k 2.5 mm / l 3.8 mm | 636207
	Conical connector 15° incl. screw	ø 3.3 mm / GH 1.0 mm / k 1 mm / l 1.8 mm | 636208** ø 4.2 mm / GH 1.0 mm / k 1 mm / l 1.8 mm | 636209** ø 5.3 mm / GH 1.0 mm / k 1 mm / l 1.8 mm | 636210** ø 3.3 mm / GH 3.0 mm / k 3 mm / l 3.8 mm | 636211 ø 4.2 mm / GH 3.0 mm / k 3 mm / l 3.8 mm | 636212 ø 5.3 mm / GH 3.0 mm / k 3 mm / l 3.8 mm | 636213
	Conical connector 20° incl. screw	ø 3.3 mm / GH 1.0 mm / k 1 mm / l 1.8 mm | 636214** ø 4.2 mm / GH 1.0 mm / k 1 mm / l 1.8 mm | 636215** ø 4.2 mm / GH 3.0 mm / k 3 mm / l 3.8 mm | 636216 ø 5.3 mm / GH 3.0 mm / k 3 mm / l 3.8 mm | 636217
	Conical connector , individually millable incl. screw	ø 3.3 mm / d 4.5 | 636218 ø 4.2 mm / d 5.5 | 636219 ø 5.3 mm / d 6.5 | 636222
	Conical connector 0°	ø 3.3 mm / GH 1.0 mm / k 1 mm / l 1.8 mm | 636190 ø 4.2 mm / GH 1.0 mm / k 1 mm / l 1.8 mm | 636191 ø 5.3 mm / GH 1.0 mm / k 1 mm / l 1.8 mm | 636192 ø 3.3 mm / GH 3.0 mm / k 3 mm / l 3.8 mm | 636193 ø 4.2 mm / GH 3.0 mm / k 3 mm / l 3.8 mm | 636194 ø 5.3 mm / GH 3.0 mm / k 3 mm / l 3.8 mm | 636195
	Conical connector 15°	ø 3.3 mm / GH 1.0 mm / k 1 mm / l 1.8 mm | 636185* ø 4.2 mm / GH 1.0 mm / k 1 mm / l 1.8 mm | 636196* ø 5.3 mm / GH 1.0 mm / k 1 mm / l 1.8 mm | 636197* ø 3.3 mm / GH 3.0 mm / k 3 mm / l 3.8 mm | 636198 ø 4.2 mm / GH 3.0 mm / k 3 mm / l 3.8 mm | 636183 ø 5.3 mm / GH 3.0 mm / k 3 mm / l 3.8 mm | 636184
	Conical connector 20°	ø 3.3 mm / GH 1.0 mm / k 1 mm / l 1.8 mm | 636188* ø 4.2 mm / GH 1.0 mm / k 1 mm / l 1.8 mm | 636189* ø 4.2 mm / GH 3.0 mm / k 3 mm / l 3.8 mm | 636186 ø 5.3 mm / GH 3.0 mm / k 3 mm / l 3.8 mm | 636187
	Conical connector , individually millable	ø 3.3 mm / d 4.5 | 636199 ø 4.2 mm / d 5.5 | 636200 ø 5.3 mm / d 6.5 | 636201

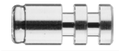
* Please use only with vertical screw short (Art. No. 638634).
** These articles are currently delivered individually

Locator®-Abutments

The **Locator® abutments** made of titanium grade 5 are designed for use in implant-retained and mucosa-supported prosthetics for resiliently worn total and partial dentures in the upper and lower jaw. Above all, the **Locator® Abutments** impress with their low vertical height, the unique dual anchoring system and the possibility of using them with strong angulations with implant divergences of up to 20° per implant. The self-aligning design allows intuitive positioning when inserting and fixing the prosthesis. Various retention inserts with different pull-off forces are available.

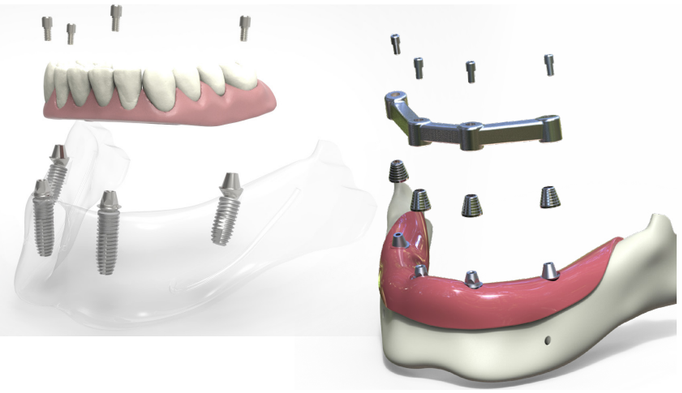
	Description	Size | Art. no.
	Locator®-Abutment GH 2 mm	ø 3.3 mm | 636080 ø 4.2 mm | 636081 ø 5.3 mm | 636082
	Locator®-Abutment GH 3 mm	ø 3.3 mm | 636060 ø 4.2 mm | 636062 ø 5.3 mm | 636064
	Locator®-Abutment GH 5 mm	ø 3.3 mm | 636061 ø 4.2 mm | 636063 ø 5.3 mm | 636065

Accessories Locator®-Abutments

	Description	Art. no.
	Locator® impression post	636067
	Locator® Lab implant	636068
	Locator® five-part matrix set (retention housing with processing insert black, blocking ring, Locator insertion part clear, pink, blue)	636070
	Locator® insertion part, range 0°-10° • 4 pcs./clear, pull-off force 2,260 g • 4 pcs./pink, pull-off force 1,360 g • 4 pcs./blue, pull-off force 680 g Locator® insertion part, range 10°-20° • 4 pcs./green, pull-off force 1,360-1,800 g • 4 pcs./red, light retention, pull-off force 220-680 g	 636071 636072 636076 636073 636074
	Locator® processing insert black, 4 pc.-package	636059
	Locator®-Adapter, mechanical	636075
	Adapter ratchet for Locator® adapter contra-angle (art. no. 636075)	636077
	Locator® tool, three-part	636066

Pictures may vary.

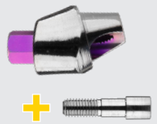
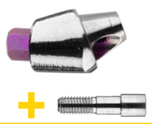
IMPLA Multi Unit System



Multi Unit Abutments

The **IMPLA Multi Unit system** has been specially developed for occlusally screw-retained permanent and removable bars, bridges, and total restorations. The **IMPLA Multi Unit abutments** are available in three different angles (0°, 20°, and 30°). The abutments are screwed together directly with the respective implant. This creates a fixed transgingival platform that can be used for all further prosthetic and laboratory measures. The 0° abutments already have a screw thread and are screwed into the implant with the **long or short insertion key**. To attach the 20° and 30° abutments into the implant, the **vertical screw Multi Unit** is used. This is screwed in using the **long or short 1.2 mm screw driver**. All laboratory components are secondarily secured to the abutment base with the prosthetics screw using the **long or short 1.2 mm screwdriver**.

>> For the range of recommended **implants**, please see the IMPLA instructions for use.

Description	Size | Art. no.
 Multi Unit Abutment 20° incl. screw	ø 3.3 mm / GH 1.5 mm | 638979 ø 4.2 mm / GH 1.5 mm | 638985 ø 5.3 mm / GH 1.0 mm | 638990 ø 3.3 mm / GH 3 mm | 638981 ø 4.2 mm / GH 3 mm | 638987 ø 5.3 mm / GH 3 mm | 638982
 Multi Unit Abutment 30° incl. screw	ø 3.3 mm / GH 1 mm | 638978 ø 4.2 mm / GH 1 mm | 638984 ø 3.3 mm / GH 3 mm | 638982 ø 4.2 mm / GH 3 mm | 638988
 Multi Unit Abutment 0°	ø 3.3 mm / GH 1 mm | 636689 ø 4.2 mm / GH 1 mm | 636695 ø 5.3 mm / GH 1 mm | 636706 ø 3.3 mm / GH 3 mm | 636690 ø 4.2 mm / GH 3 mm | 636696 ø 5.3 mm / GH 3 mm | 636707
 Multi Unit Abutment 20°	ø 3.3 mm / GH 1.5 mm | 636691 ø 4.2 mm / GH 1.5 mm | 636697 ø 5.3 mm / GH 1.0 mm | 636708 ø 3.3 mm / GH 3 mm | 636692 ø 4.2 mm / GH 3 mm | 636698 ø 5.3 mm / GH 3 mm | 636709
 Multi Unit Abutment 30°	ø 3.3 mm / GH 1 mm | 636693 ø 4.2 mm / GH 1 mm | 636699 ø 3.3 mm / GH 3 mm | 636694 ø 4.2 mm / GH 3 mm | 636700

Pictures may vary.

Accessories Multi Unit Abutments

Description	Art. no.
 Lab implant Multi Unit	638627
 Lab implant Multi Unit, long	638638
 Impression post Multi Unit, open impression	638628
 Fixation screw OL, open impression	638629
 Plastic sleeve POM for Multi Unit	638630
 Metal sleeve Multi Unit	638631
 Gingiva sleeve (PEEK) for Multi Unit	638632
 Scan abutment Multi Unit	638633
 Vertical screw Multi Unit	638634
 Prosthetic screw secondary for Multi Unit Abutment	638636
 Screwdriver 1.2 mm short Screwdriver 1.2 mm long	637117 637118
 Insertion key standard short Insertion key standard long	637112 637104

Universal Drilling Guide

The system enables you to place the implants at the ideal angle for the subsequent prosthetic restoration. The Universal Drilling Guide is a drilling aid that helps you drill holes for distal implants: Drill the mesial pilot hole without angulation, then, based on this, use the drilling guide to position all other implants at 0°, 20°, or 30°. The Universal Drilling Guide is particularly suitable for using with the Multi Unit system.

Description	Art. no.
 Universal Drilling Guide	638637

Pictures may vary.

No Lock Ti-Base Abutments

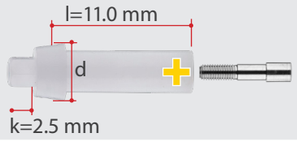
One of the latest innovations in the field of No Lock Ti-Base abutments is the „two-piece“ abutment design. A customized two-piece abutment offers numerous advantages compared to a one-piece abutment.
No Lock Ti-Base abutments have an ideal application area for screwed implants and work on Hex Connection and Cone Connection each 3.3 mm, 4.2 mm and 5.3 mm.

	Description	Size | Art. no.
	No Lock Ti-Base Abutment 0°	ø 3.3 mm | 637181 ø 4.2 mm | 637182 ø 5.3 mm | 637183
	Srewdriver for angled adhesive bases with contra-angle connection	637190

Castable abutments

The **IMPLA plastic abutment** is made entirely of a **castable plastic (POM)**. The upper area acts as a modeling aid that can be occlusally shortened as required and provides a clean finish to the screw channel.

This abutment enables you to manufacture customized single-tooth crowns and mesostructures for cementable bridge restorations and primary pillars in order to bridge implant axis divergences when using the double crown technique. The restoration is cast from gold, CoCr alloys or titanium.

	Description	Size | Art. no.
	Acrylic abutment incl. screw	ø 3.3 mm / d 3.8 mm | 638921 ø 4.2 mm / d 4.9 mm | 638922 ø 5.3 mm / d 5.9 mm | 638923
	Acrylic abutment 0°	ø 3.3 mm / d 3.8 mm | 636163 ø 4.2 mm / d 4.9 mm | 635461 ø 5.3 mm / d 5.9 mm | 636164

Pictures may vary.

Tools/Accessories for Hex and Cone Connection

	Description	Art. no.
	(all screws are compatible with screwdriver SW 1.2 mm)	
	Vertical screw	636649
	Vertical screw blue	636658
	Vertical screw short, Vertical screw for Multi Unit	638634
	Vertical screw for IMPLA direct base hight 3.0 mm	636648
	Screwdriver 1.2 mm, short Screwdriver 1.2 mm, long	637117 637118
	Screwdriver 2.3 mm, short Screwdriver 2.3 mm, long *No insertion post needed*	637100 637101
	Torque ratchet	637123

Sebond Implant & Alphalink Implant

This system was specially developed for bonding titanium abutments to individualized zirconium dioxide abutments and supra-constructions. It fixes supra-constructions safely on individual abutments.

The full system consists of:

- **Sebond Implant**: The bonding agent prepares the zirconium dioxide surface for secure bonding.
- **Alphalink Implant**: The fixing composite bonds your framework to the abutment.

Benefits at a glance:

- The material offers the highest level of safety, as it was especially developed for bonding
- The system adapts to the user:
  • Intraoral use = quick curing
  • Use on models = longer working range
- High bond strength
- Long term stability due to the specially adapated formula
- Saves time
- Facilitates accurate work:The pasty consistency lets you remove excess material very easily

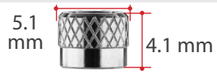
Art. no.	Content
640075	Sebond Implant 1 x 5 ml
640076	Alphalink Implant 8 g automix cartridge, 10 x mixing tips

Bond the following materials:
Zirconium dioxide, Precious metal, Non-precious alloys, Titanium, Ceramics

Pictures may vary.

IMPLA Mini

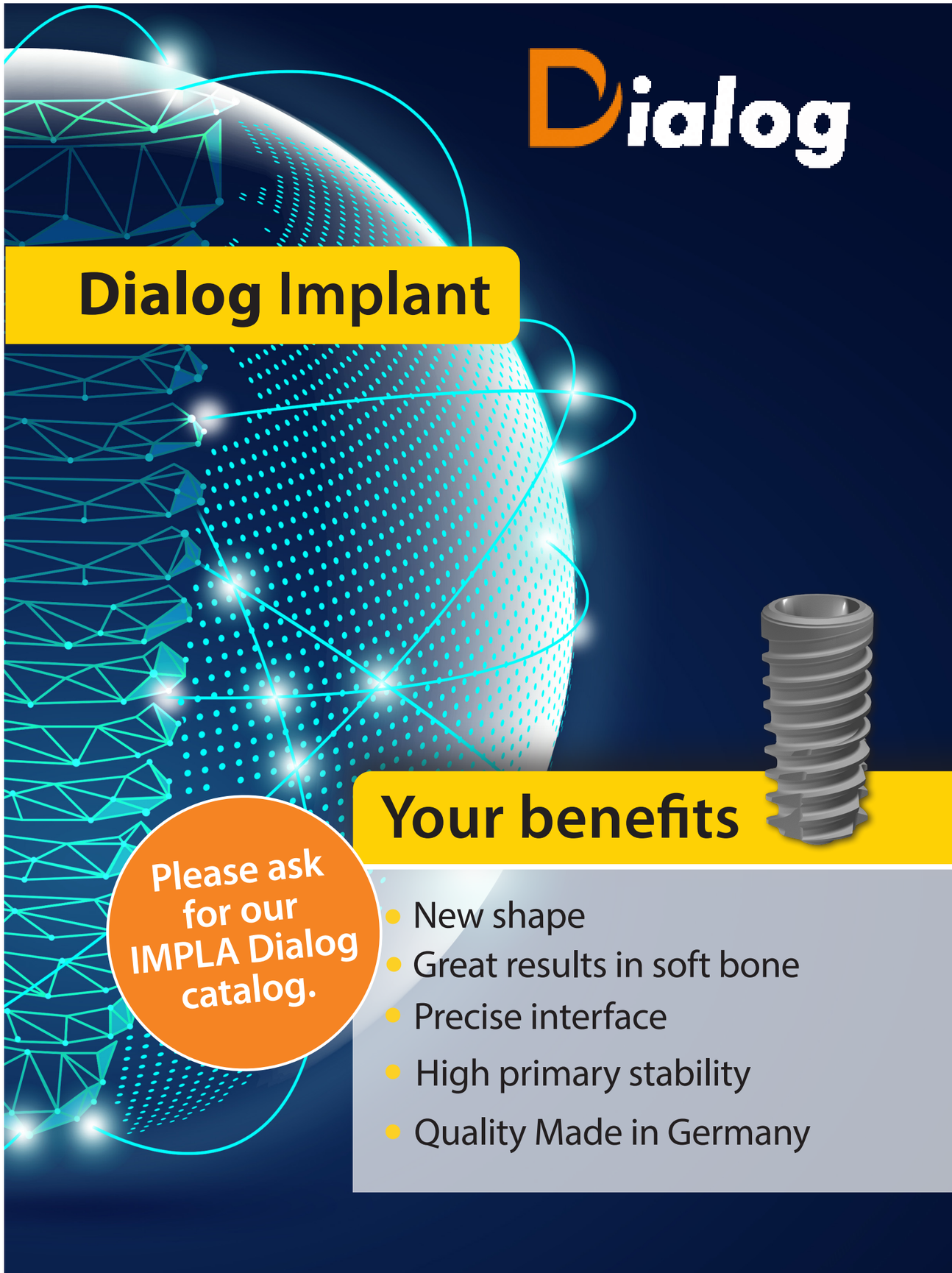
IMPLA Mini-balltop

	Description	Art. no.
	Transfer cover	635488
	Lab implant	635487
	Open balltop matrix incl. O-ring pull-off force 650 g	635489
	Closed balltop matrix incl. O-ring pull-off force 650 g	635479
	O-ring red for balltop matrix pull-off force 650 g	635499
	O-ring green for balltop matrix pull-off force 450 g	635500
	Closed balltop matrix small incl. O-ring pull-o force 800 g	635469
	O-ring red small for balltop matrix small pull-o force 800 g	635468

IMPLA Mini-conetop

	Description	Art. no.
	Transfer cover	635495
	Lab implant	635493
	POM cover	635491
	Holding screw	635502
	IMPLA Prosthetic Set Mini-conetop (art. no. 635495, 635491, 635502, 635493)	635503

Pictures may vary.



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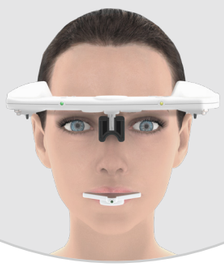
- **Open** data interface
- **Economical**, high ROI



iTero Lumina

- **Effortless** scanning
- **Impressive** visualization
- **Wide** field of view
- **Open** data interface
- **Economical**, high ROI
- **Increasing** patient comfort and cooperation

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Ensure optimal fitting of implants based on your patient's actual jaw movement and achieve an ideal occlusion. One of the key factors in determining the durability of an implant is its ability to withstand shear forces. With help of zebris Real Movement data, you can consider the shear forces from the beginning.

Your benefits

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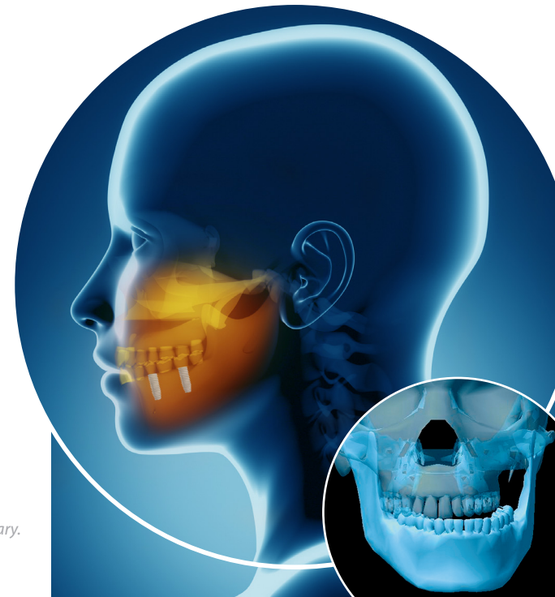
- **Greater accuracy and predictability of results**
- **Patient confidence**
- **Digital reputation for your practice**



Pictures may vary.

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Your implant planning
with exocad and IMPLA

exoplan implant navigation

Powerful, user-friendly and open software solution for implant planning and surgical guide design

exoplan offers dental laboratories, dentists, implant specialists and surgeons maximum flexibility in implant planning as well as in surgical guide design. exoplan is based on exocad's proven software platform and ensures smooth digital workflows as well as maximum user-friendliness and performance.

Thanks to the open and vendor-neutral software architecture, open 3D scanners, 3D printers or milling systems can be used. The integrated software solutions ensure a smooth digital workflow - from virtual, prosthetically oriented implant planning with exoplan to the design of surgical guides with the Guide Creator add-on module. To facilitate the planning and fabrication of implant-supported temporary and final prostheses, exoplan users also benefit from seamless integration with the Tizian Creativ RT CAD software for dental technicians.

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Pictures may vary.

General Terms and Conditions of Business of Schütz Dental GmbH

Paragraph 1: General – Scope of Conditions
(1) The goods and services and the offers of Schütz Dental GmbH (referred to here-inafter as "the vendor") are supplied exclusively on the basis of these Conditions of Business. These will also apply to all future business relationships, whether or not they are explicitly agreed separately. These Conditions will be deemed to have been accepted at the latest on taking delivery of the goods or services. Confirmations to the contrary by the purchaser with reference to its own Conditions of Business or Purchase are hereby repudiated.
(2) The vendor carries out business exclusively with customers (referred to herein-after as "purchasers") within the meaning of Section 14 of the German Civil Code [BGB]. A prospective purchaser that is not a merchant within the meaning of Section 14 of the German Civil Code but which is a consumer within the meaning of Section 13 of the German Civil Code, is required to notify the vendor of this immediately.
(3) All agreements reached between the vendor and the purchaser for the purpose of performing this contract shall be recorded in writing.

Paragraph 2: Offer and Conclusion of Contracts
(1) The offers made by the vendor are non-binding and subject to alteration. Decla-rations of acceptance and all orders must be confirmed by the vendor in writing or by telefax to be legally valid.
(2) The vendor reserves the right to carry out a creditworthiness check on the pur-chaser. Depending on the result of the check, the vendor will be entitled to alter its Conditions of Delivery, the payment period or the method of payment. In the event of a negative credit check, the vendor will also be entitled to withdraw from a contract which has already been concluded without incurring liability for damages.
(3) Drawings/plans, illustrations, weights, measures and other performance data are only binding if this is explicitly agreed in writing.
(4) Information from prospectuses, price-lists or the offer is not legally binding unless they have become an explicitly integral part of the contract.
(5) The vendor's employees are not authorised to issue oral agreements or assur-ances that exceed the contents of the written contract.
(6) The purchaser is bound to its order (the purchaser's contractual offer) for 14 working days. The vendor may accept the order either by written confirmation or by delivering the goods.
(7) Conclusion of the contract is subject to timely and proper self-delivery by the vendor. Defects in performance shall be notified to the purchaser within an appro-priate period.

Paragraph 3: Prices
(1) Unless otherwise stipulated, the vendor will be bound by the prices in its offer for 30 days from the date of the offer. Thereafter, the prices in force at the time the goods are delivered will apply. Otherwise, the prices referred to in the confirmation of the offer plus the applicable statutory value added tax – if this is incurred – will be authoritative. The supply of additional goods and services will be invoiced separately.
(2) Unless otherwise agreed, the prices will be ex-works plus the cost of packaging and transport. Deliveries will only be insured at the customer's request and expense. Orthodontic bands, attachments and latches, gold and leads will be routinely shipped via registered mail or registered package at the wish and expense of the purchaser.
(3) Maintenance, repair work, dismantling and installation work will be invoiced sep-arately according to the time taken plus the cost of materials. The vendor's effective hourly rates will apply plus the applicable value added tax – if this is incurred, as will any travel time to and from the worksite.
(4) In the event of any significant change in the order-related personnel or material costs after the contract has been concluded, the vendor will be entitled to adjust the prices accordingly. If requested by the purchaser, the vendor will be required to jus-tify the price-increase. In the event of a price-increase in excess of 10 % of the net price, the purchaser will be entitled to withdraw from the contract within ten days af-ter the price-increase has been announced.
(5) Any discounts granted by the vendor are to be passed on to the patient by the purchaser/dentist resp. dental technician as provided by law.

Paragraph 4: Delivery and Performance Periods
(1) Delivery dates or periods which can be agreed bindingly or non-bindingly must be in writing.
(2) The vendor is not responsible for delivery or performance delays due to reasona-bly unforeseeable events (so-called "Acts of God") – including in the case of bind-ingly agreed periods or dates – or for events which make delivery - not only tempo-rarily - considerably difficult or impossible for the vendor – as well as strikes, lock-outs, official instructions etc. in particular, including if these occur with suppli-ers of the vendor or its subcontractors/sub-suppliers. They entitle the vendor to postpone the delivery, service or performance for the duration of the delay plus an appropriate lead period or to wholly or partially withdraw from the contract due to the still-unfulfilled part.
(3) If the delay lasts more than three months, the purchaser will, after setting an ap-propriate grace period, be entitled to withdraw from the contract on the basis of the still-unfulfilled part. If the delivery period is extended or if the vendor is released from its obligation, the purchaser may not derive any compensation claims from this. The vendor may only invoke the circumstances referred to if it informs the purchaser within an appropriate period.
(4) If the vendor is responsible for failing to comply with binding deadline periods and dates or is in arrears, the purchaser will be entitled to compensation for the de-lay to the value of half of one percent (0.5 %) for every full week of the delay. How-ever, such claims may not exceed five percent (5 %) of the invoice amount of the goods and services affected by the delivery delay. Claims exceeding this amount will not be recognised unless the delay is due at least to gross negligence on the part of the vendor.
(5) The vendor is entitled to make partial deliveries and to provide partial perfor-mance at any time unless partial delivery or partial performance is unreasonable for the purchaser.
(6) Compliance with the vendor's delivery and performance obligations presupposes the timely and proper fulfilment of obligations by the purchaser.
(7) If the purchaser is in arrears of acceptance, the vendor will be entitled to request compensation for any damage it incurs. With the onset of arrears of acceptance, the risk of accidental deterioration and accidental loss transfers to the purchaser.
(8) Deliveries are made at the risk of the purchaser, including in the case of free de-livery.

Paragraph 5: Transfer of Risk
Risk transfers to the purchaser as soon as the shipment has been given to the per-son carrying out the transport or has left the vendor's warehouse for the purpose of shipment. If shipment is delayed at the request of the purchaser, risk transfers to the purchaser when the latter is notified that the goods are ready for shipment.

Paragraph 6: Guarantees
(1) The vendor guarantees that the products are free of manufacturing and material defects; the guarantee-deadline for mechanical parts of the products expires after one year and after six months for electronic parts. The guarantee period begins on the delivery date.
(2) If the vendor's operating or maintenance instructions are not followed, if altera-tions are made to the products, if parts are exchanged or if consumable materials that do not correspond to the original specifications are used, all guarantees will lapse if the purchaser fails to refute a corresponding substantiated statement that one of these circumstances caused the defect. The guarantee will also be invalid if damage is due to the fact that the goods have been worked on or repaired by third parties, if the goods are used for another purpose than that intended, if the instruc-tions for use are not complied with or if the generally accepted rules of technology are ignored.
(3) Following receipt of the goods, the purchaser must inform the vendor's customer service management of defects in writing immediately but no later than within one week after delivery. Defects than cannot be detected within this period, including in a careful examination, are to be notified to the vendor in writing immediately follow-ing discovery.
(4) If the purchaser informs the vendor that the products do not correspond to the guarantee, the vendor will, at its option and expense, decide whether the damaged part or machine will be sent to be repaired and then returned to the vendor or whether it (the vendor) will collect the damaged part or device.
(5) If the repair fails after an appropriate deadline period, the purchaser may, at its option, request a reduction in the purchase price or, in the case of major defect, re-quest that the contract be cancelled.
(6) Liability for normal wear and tear will not be accepted.
(7) Only the direct purchaser is entitled to assert warranty claims against the vendor; these claims are not assignable.
(8) The purchaser will bear the risk that the goods it has ordered are suitable and have been approved for the purpose it intends. Recommendations on this by the vendor are non-binding.
(9) A defect to a part of the goods will not lead to or mean a defect to all the goods and will not entitle the purchaser to cancel the contract.
(10) The vendor gives no guarantee for used parts, equipment or parts that are sub-ject to wear and tear.
(11) The vendor hereby assigns to the purchaser its existing guarantee claims against the external manufacturer for third-party products that it (the vendor) has procured on behalf of and supplied to the purchaser. The purchaser hereby de-clares that it accepts this assignment.

(12) The aforementioned paragraphs contain the full, complete and exhaustive guarantee for the products and exclude all other guarantee claims of any kind. This does not apply to damages claims arising from assurances on inherent characteris-tics.

Paragraph 7: Spare Parts
The vendor will supply the relevant spare parts at the applicable spare part prices for a period of five years following delivery of a machine.

Paragraph 8: Retention of Title
(1) Until all claims (including any balance claims from current account) to which the vendor is entitled for any reason in law whatsoever against the purchaser, either now or in the future, have been fulfilled, the vendor is granted the following securi-ties which it will, at its option, release on request if their value permanently exceeds the value of the claims by over 20%.
(2) The goods remain the property of the vendor. Processing or remodelling will be carried out at all times for the vendor as a manufacturer; however, this will not entail any obligation for the vendor. If the vendor's co-ownership expires due to merging or connection, it is agreed here and now that the purchaser's co-ownership as per-centage value of the unified item (book value) will transfer to the vendor. The pur-chaser will store the vendor's (co-owned) product free of charge. Goods to which the vendor is entitled to any (co-)ownership will be referred to below as reserved goods.
(3) The purchaser is entitled to process and sell the reserved goods in the course of normal business provided it is not in arrears. Pledging or assignment as security is not permitted. The purchaser assigns here and now all claims by way of security (in-cluding any balance claims from current account) arising from the resale or any oth-er reason in law (insurance, prohibited actions) in respect of the reserved goods to the vendor in their entirety. The vendor authorises the purchaser revocably to collect claims assigned to the vendor on its own account and on its own behalf. This collec-tion authority may be revoked only if the purchaser fails to duly fulfil its payment ob-ligations.
(4) In the event of access to the reserved goods by third parties, in particular in the form of seizure, the purchaser will inform the third parties of ownership by the ven-dor and inform the vendor immediately so that it (the vendor) may enforce its own-ership rights. If the third party is not able to reimburse the vendor for the resulting court or out-of-court costs in this connection, the purchaser will be liable for these.
(5) In the event of non-contractual conduct on the part of the purchaser – in particu-lar arrears of payment – the vendor will be entitled to take back the reserved goods or, if necessary, demand assignment of the purchaser's surrender claims against third parties. Taking back or pledging the reserved goods by the vendor will not con-stitute withdrawal from the contract.

Paragraph 9: Payment
(1) Unless otherwise agreed, the vendor's invoices are payable without deduction after issue.Contrary to any deviating provisions of the purchaser, the vendor is enti-tled to initially offset payment against older debts and will inform the purchaser of the nature of the offsetting. If costs or interest have been incurred, the vendor will be entitled to initially offset the costs, then the interest and finally the principal claim from the payment.
(2) A payment will not be deemed to have been made until the vendor can access the amount. In the case of cheques or bills of exchange, payment will not be deemed to have been made until the cheque or bill of exchange has been credited irrevocably.
(3) Payment by bill of exchange requires explicit prior approval by the vendor. Costs and expenses are at the expense of the purchaser. The purchaser also bears the risk of timely presentation and protest.
(4) If the purchaser falls into arrears, the vendor will be entitled to charge interest at the statutory rate – currently nine percent (9 %) over the applicable base lending rate of the Deutsche Bundesbank – as lump-sum compensation from the applicable date. The vendor may produce evidence of any higher damage.
(5) If the vendor becomes aware of circumstances that cast doubt on the purchaser's creditworthiness, if the purchaser stops its payments or if the vendor becomes aware of other circumstances that cast doubt on the purchaser's creditworthiness, the vendor will be entitled to declare all the remaining debt immediately payable, in-cluding if it has accepted cheques or bills of exchange. In this case, the vendor will also be entitled to request advance payments or sureties.
(6) The purchaser is entitled to offset claims, retain title and reduce the purchase price of goods, including if notices of defects or counter-claims are asserted, provid-ing the counter-claims can be established in law or are undisputed.
(7) Cash payments exceeding an amount auf EUR 9,999.00 are excluded.

Paragraph 10: Design Modifications
The vendor reserves the right at any time to make changes to design and products or to change the shape, colour or weight of products; however, it is not obliged to make these alterations to products which have already been delivered.

Paragraph 11: Patents and Copyright
(1) The vendor will release the purchaser and its customers from claims arising from breaches of copyright, trademarks and patents unless the design of a product as de-livered originates from the purchaser. The vendor's indemnity obligation is limited to foreseeable damage in respect of the amount.
An additional condition for indemnity is that conducting legal disputes will be left to the vendor and that the alleged breach of rights is attributable exclusively to the method of construction of the vendor's products as delivered without being con-nected to or used with other products.
(2) The vendor is, at its option, entitled to be released from the obligations assumed in Subparagraph 1 by either
a) obtaining the necessary licences in respect of the allegedly breached patents
or
b) making an altered product or parts thereof available to the purchaser which, in the event of any exchange for the infringing product or its part, eliminates the al-legation of breach of patent concerning the product.
(3) The vendor reserves its rights of ownership and copyright to drawings, sketches, catalogues, plans and other documentation. These may not be made accessible to third parties without the written permission of the vendor and are to be immediately returned on request.

Paragraph 12: Confidentiality
Unless otherwise explicitly agreed in writing, the information distributed to the ven-dor in connection with orders is not deemed to be confidential.

Paragraph 13: Limitation of Liability
Damages claims arising from defective performance or from unauthorised actions against both the vendor and its employees will not be recognised except in cases of wilful intent or gross negligence. This will also apply to damages claims for non-performance but only to the extent that the replacement of indirect or conse-quential damage is requested unless liability is based on an assurance intended to protect the purchaser against the risk of such damage. All liability is limited to fore-seeable damage at the time the contract is signed. In all cases, liability on the part of the vendor in accordance with the German Product Liability Act and other claims based on product liability will remain unaffected.

Paragraph 14: Applicable Law; Place of Jurisdiction; Partial Nullity, Ancillary Agreements
(1) The law of the Federal Republic of Germany applies to these Conditions of Business and all legal relationships between the vendor and the purchaser, includ-ing the provisions of the UN Convention on the International Sale of Goods (CISG).
(2) If the purchaser is a merchant within the meaning of the German Commercial Code, is a legal entity in German public law or is a special public fund in German law, the registered offices of the vendor will be the exclusive place of jurisdiction for all disputes arising directly or indirectly from this contractual relationship. The ven-dor is at liberty to bring legal action against the purchaser at the place of latter's reg-istered offices.
(3) If any provision of these Conditions of Business is or becomes invalid, void or unenforceable, in whole or in part, the validity, effectiveness and enforceability of the remaining provisions shall not be affected thereby. In place of the void, invalid, inoperable or unenforceable provision of the Conditions of Business, the parties shall endeavor to agree by negotiation upon a provision that is reasonable in terms of place, time, measure and by law and jurisprudence and that, to the extent legally possible, comes as close as possible to what was intended by the parties in terms of the meaning and purpose of the invalid provision. The foregoing shall apply ac-cordingly to any omissions in these Conditions of Business.
(4) Ancillary agreements or amendments to these General Terms and Conditions of Business must be in writing.

16.08.2023

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