



Preform-Abutment (left) and customized milled abutment (right)

For more informations please see page 25

WE ARE AT YOUR DISPOSAL

Mondays through Thursdays 09:30 a.m. to 06:00 p.m.

Fridays 09:30 a.m. to 02:00 p.m.

- Phone + 852 5405 9115
- Fax + 852 5405 9115
- E-Mail info@champions-implants.com.hk

SHIPPING OF GOODS

Agents need to order, should be sent to the Champions written order, generally should be before the monthly 26 Champions issued monthly orders, and full payment before delivery.

Champions on behalf of agent delivery agents take railway freight trucks or air freight charges, fees, delivery by the agents to determine.

Champions will fax or send the shipping documents to the supplier after delivery. The time of shipment is based on the time stated in the shipping documents.

DO YOU WISH TO RETURN GOODS?

For a return, please note:

- You can return the goods of the order within 5 days after the invoice date (see 5.5 Right of Return / Replacement / General Terms and Conditions)
- Please submit a copy of the invoice.
- Protect the goods against damages caused by transport and shipping.
- We only accept the package if transport is stamped.

Please read our General Terms and Conditions at: www.champions-implants.com.hk

Your Customer number:

Dear Champions customers and interested dentists,

Like Oscar Wilde said,

"Progress is the realisation of Utopias",

many of our visions became true in the 10th year of Champions-Implants. Up to now, more than 4,000 dental offices have been using this implant system in Germany alone. In fact, the 'MIMI-Flapless' method and the Champions implant system are becoming increasingly integrated into dental care in dental offices in more than 60 countries..

In this Product Catalog one of my visions is: bone grafts that can evidently be replaced by bone within a few months and easily produced in the practice at little cost. Patient acceptance is perfect!

Thanks to the patented Smart Dentin Grinder procedure, which was developed by Prof. Binderman in Tel Aviv, you can transform extracted teeth into a very good autologous bone graft.

In addition, I would like to present our piezo plasma handheld device, which was developed with a partner company. This device allows you to generate plasma on PEEK, titanium, and zircon implants and therefore to speed up the healing process.

These two new dental features and treatments can be delegated and calculated.

Thank you for your positive feedback concerning our lively new website and/or our Facebook page, on which we publish and update many films with news every week.

Kind regards,

Armin Nedjat



TABLE OF CONTENTS

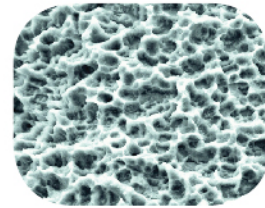
We Are at Your Disposal	2
Shipping of Goods	2
Do you wish to return goods?	2
Priv.-Doz. Dr. med. dent. Armin Nedjat	3
Implant System	6
Surface	6
Abutment Connection	6
Implant Packaging	7
Planning Surgery	8
X-Ray Templates	8
X-Ray Ball	8
Implants	9
Square "New Art"	9
Square "Classic"	10
Ball-Head	11
(R)Evolution	12
Surgery Kit	13
Surgical-Prosthetic Tools	14
Champions® Drills	14
Torque Wrench	16
Shuttle-Forceps	16
BCC Probe	16
Abutment Holder	16
Drill Stop Sleeves	17
Adapters & Insertion Aids & Prosthetic Drivers	18
Torque Wrench Adapter	18
Prosthetic Driver	18
Condenser	19
Shuttle-Extractor	20
Tool Set	20
Rescue Tool	20
Prep-Caps	21
Prep-Cap with Step	21
Prep-Cap Without Step, Oval, Conical	22
Prep-Cap Ball-Head	22
Rescue-Cap Ball-Head	22

Prosthodontics	23
Gingiva-Clix	23
Provi-Clix	23
Surgical Screw	23
Abutments	24
ICA Abutment (ICA Individual Connection Abutment)	26
ICA Sample Box	26
ICA Caps	27
Champions® LOC® Locator™	28
Patrices	28
Ball-Head	29
Multi-Unit Abutment	30
Multi-Unit System	31
Patrices	31
Laboratory Equipment & Impression	32
Ball-Head	32
Square	32
Multi-Unit	32
LOC®	32
(R)Evolution	33
Regeneration Technique	34
Collagen	34
Membrane	34
Hyaluronic Acid	34
Accessories	35
implantlink®	35
Panavia®	35
Oli-Products	35
Smart Dentin Grinder	36
Demo Models	38
Intra-oral Camera	38
Handpiece	38
MAGICPEN®	38
Periotest	38
Diagnostic Kit	39
piezobrush® PZ2 Handheld Plasma Device	39
Implant Passport	40
Promotional Articles	40
Present Box	40
Surgical Clothes	40
Dental Laboratory Accessories	41
Laboratory Hydraulic Turbine CHT-4	41
Water Collection Tank	41
Micromotor CHT-50 Desktop Model	42
Foot-Operated Micromotor CHF-50	42
Knee-Operated Micromotor CHK-50	42
Sandblasters	43
PEEK JUVORA™ Dental Disc	44
Champions–Forum	45

IMPLANT SYSTEM

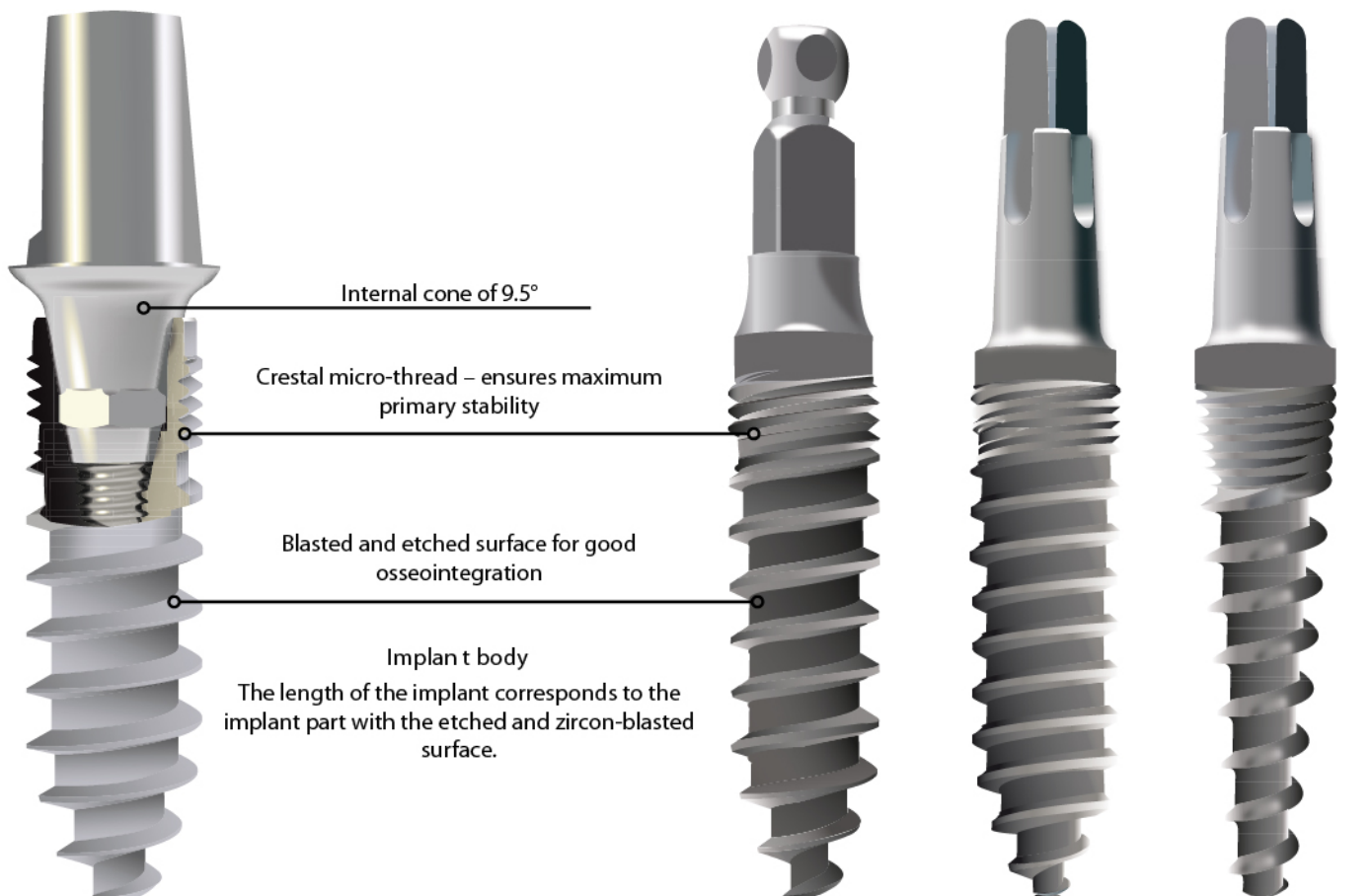
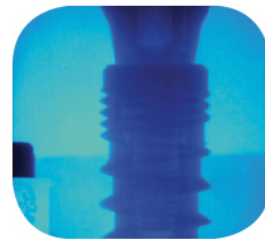
SURFACE

A study, conducted by Dr. Dirk Duddeck at the University Clinic in Cologne, has shown that the Champions® implants have one of the best surfaces in comparison to the other analyzed implants, especially as far as uniformity of surface roughness as well as homogeneity and purity of the surface structure are concerned ("Duddeck study").



ABUTMENT CONNECTION

Engineer Dipl.-Ing. Holger Zipprich of the J.W. Goethe University of Frankfurt has noticed a very good Abutment connection of the Champions® Implant (R)Evolution. During the tests where the Champions® Implant (R)Evolution was loaded with a force of 200 N in the last-cycle, a micro-gap was not observed between the implant and the Abutment ("Zipprich study").



IMPLANT PACKAGING

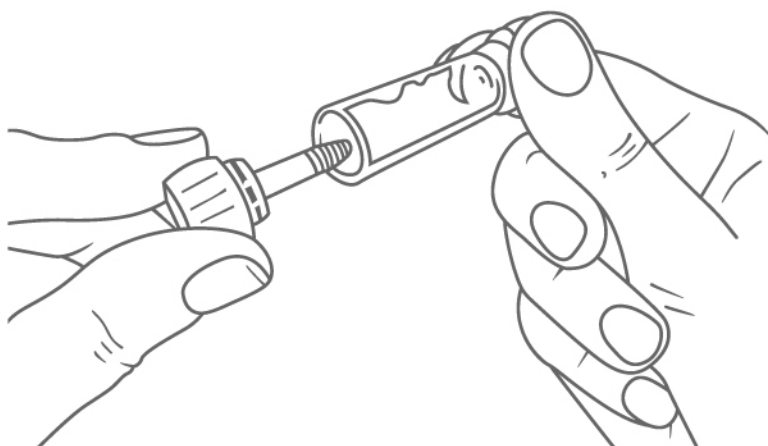
In order to cover a large range of indications, the implant systems are available in several diameters and lengths. The products are color-coded on their respective package to allow the easy identification of all related components. You will find the color-code on every implant package.

Already before opening the package, the labels inform you about all the product details: expiry date of sterility, implant length, diameter, and article and lot numbers. The lot number serves as basis for tracing product information and to follow returns or complaints.

In the packaging you find Instructions for Use, with advices on insertion procedures of the implant, as well as labels to be used for documentation in the patient file or implant passport. The implant is delivered in a gamma-sterilized package. In this way, the implant is well-protected. The implant is within a tube that is closed by an Insertion Aid, which is already attached to the implant. Even after opening the blister packaging, the implant is still in its own sterile environment until it's used.

In order to place the implant, remove the implant from the tube. With the Insertion Aid, already attached to the implant, you can insert the implant with a maximum of 4 rotations in the prepared bone cavity.

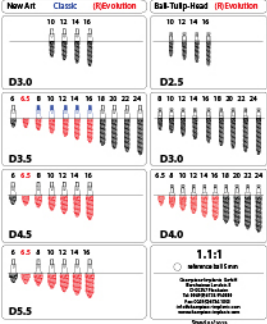
Advantage: an implantation without the contamination of an implant, which could have been caused by the use of additional tools and accessories.



Color-Code		
Implant type	Color	
Square – "New Art"	white	○
Square – "Classic"	blue	●
Ball-Head	yellow	●
(R)Evolution	red	●



X-RAY TEMPLATES

Transparent X-Ray films to determine the implant dimension		Art. No.	Type
 	X-Ray Template 1:1	5056	
	X-Ray Template 1.1:1	5057	
	X-Ray Template 1.25:1	5058	

X-RAY BALL

Measured reference variable to determine the magnification factor of the X-ray image		Art. No.	Type
	X-Ray Ball ø 5.0 mm (4 pcs./pack)	5055	

SQUARE "NEW ART"

The Champions® Implant Square is a screw-shaped endosseous one-piece implant.. The implants are available in diameters of 3.0/3.5/4.5/5.5 mm and lengths of 6/8/10/12/14/16/18 mm. The implants cover a wide range of indications.

The implant is suitable for the following indications:

Insertion in the long-term healed jaw bone (delayed implantation)

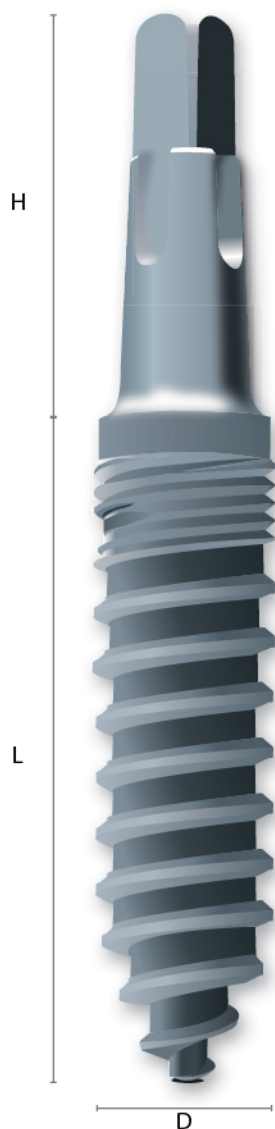
Delayed insertion (6-8 weeks after the tooth extraction)

Immediate implantation (implantation directly after the tooth extraction, under certain conditions)

The Champions® Implant Square can be placed in bone in the maxilla and mandible (D1-D4).

Please note the restrictions of indications in the Instructions for Use.

Material: Titanium grade 4



Diameter	Length	Height	Art. No.	Type
3.0 mm	10 mm	8.0 mm	1015	○
	12 mm	8.0 mm	1040	
	14 mm	8.0 mm	1080	
	16 mm	8.0 mm	1120	
3.5 mm	6 mm	8.1 mm	0900	
	8 mm	8.1 mm	1000	
	10 mm	8.1 mm	1020	
	12 mm	8.1 mm	1050	
	14 mm	8.1 mm	1090	
	16 mm	8.1 mm	1130	
	18 mm	8.1 mm	1160	
4.5 mm	6 mm	8.6 mm	0910	
	8 mm	8.6 mm	1010	
	10 mm	8.6 mm	1030	
	12 mm	8.6 mm	1060	
	14 mm	8.6 mm	1100	
	16 mm	8.6 mm	1140	
5.5 mm	6 mm	9.2 mm	0920	
	8 mm	9.2 mm	1012	
	10 mm	9.2 mm	1035	
	12 mm	9.2 mm	1070	
	14 mm	9.2 mm	1110	
	16 mm	9.2 mm	1150	

IMPLANTS

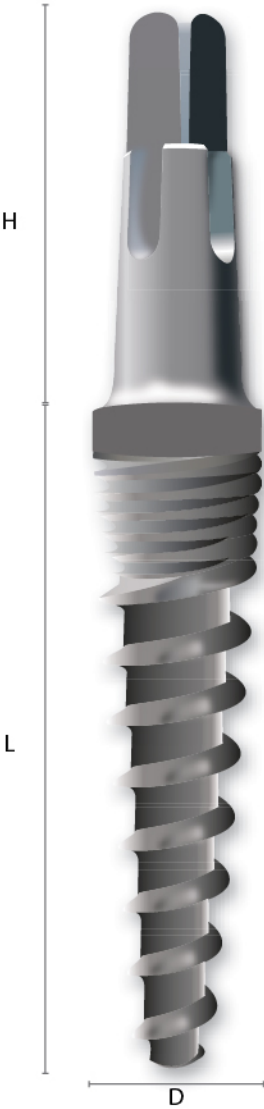
SQUARE "CLASSIC"

The Champions® Implant Square Classic is a screw-shaped endosseous one-piece implant. The implant has a diameter of 3.5 mm. It is available in lengths of 8/10/12/14/16 mm. The implant covers a wide range of indications.

- The implant is suitable for the following indications:
- Insertion in the long-term healed jaw bone (delayed implantation)
 - Delayed insertion (6-8 weeks after the tooth extraction)
 - Immediate implantation (implantation directly after the tooth extraction, under certain conditions)
- The Champions® Implant Square Classic can be placed in bone in the mandible (D1).

Please note the restrictions of indications in the Instructions for Use.

Material: Titanium grade 4



Diameter	Length	Height	Art. No.	Type
3.5 mm	8 mm	8.1 mm	1005	
	10 mm	8.1 mm	1025	
	12 mm	8.1 mm	1055	
	14 mm	8.1 mm	1095	
	16 mm	8.1 mm	1135	

BALL-HEAD

The Champions® Implant Ball-Head is a screw-shaped endosseous one-piece implant. The implant has diameters of 2.5/3.0/4.0 mm. It is available in lengths of 8/10/12/14/16/18 mm. The implant covers a wide range of indications.

The implant is suitable for the following indications:

Insertion in the long-term healed jaw bone (delayed implantation)

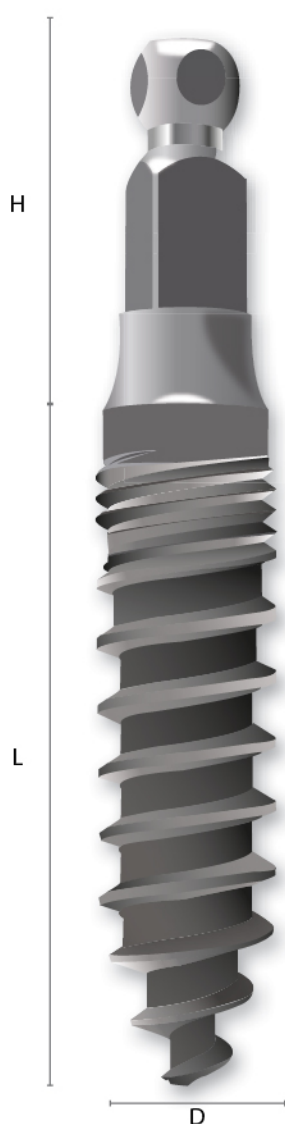
Delayed insertion (6-8 weeks after the tooth extraction)

Immediate implantation (implantation directly after the tooth extraction, under certain conditions)

The Champions® Implant Ball-Head can be placed in bone in the maxilla and mandible (D1-D4) to support a removable prosthesis. There should be at least 3 implants/teeth per quadrant in the maxilla and at least 2 implants/teeth per quadrant in the mandible.

Please note the restrictions of indications in the Instructions for Use.

Material: Titanium grade 4



Diameter	Length	Height	Art. No.	Type
2.5 mm	10 mm	6.3 mm	1900	●
	12 mm	6.3 mm	2015	
	14 mm	6.3 mm	2035	
	16 mm	6.3 mm	2055	
3.0 mm	8 mm	6.8 mm	1890	
	10 mm	6.8 mm	1905	
	12 mm	6.8 mm	2016	
	14 mm	6.8 mm	2040	
	16 mm	6.8 mm	2060	
	18 mm	6.8 mm	2080	
4.0 mm	8 mm	7.1 mm	1895	
	10 mm	7.1 mm	2005	
	12 mm	7.1 mm	2025	
	14 mm	7.1 mm	2050	
	16 mm	7.1 mm	2070	

IMPLANTS

(R)EVOLUTION

The Champions® Implant (R)Evolution is a screw-shaped endosseous two-piece implant. The implant has diameters of 3.5/4.0/4.5/5.5 mm. It is available in lengths of 6.5/8/10/12/14/16 mm. The implant covers a wide range of indications.

The implant is suitable for the following indications:

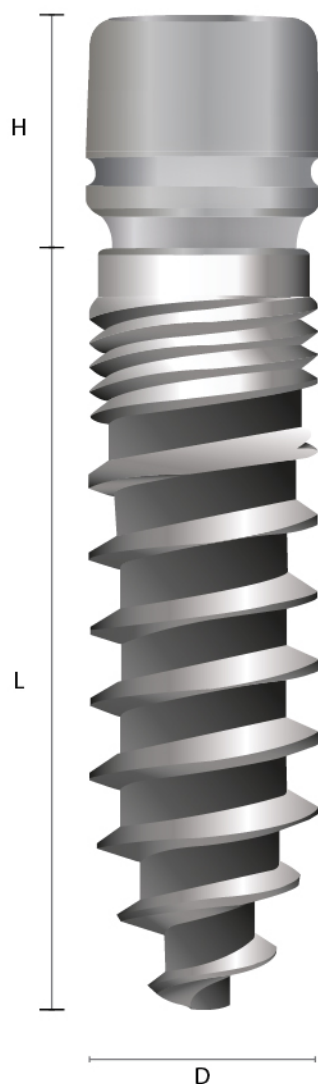
Insertion in the long-term healed jaw bone (delayed implantation)

Delayed insertion (6-8 weeks after the tooth extraction)

Immediate implantation (implantation directly after the tooth extraction, under certain conditions)

The Champions® Implant (R)Evolution can be placed in bone in the maxilla and mandible (D1-D4) with and without augmentation. Please note the restrictions of indications in the Instructions for Use.

Material: Titanium grade 4



Diameter	Length	Height	Art. No.	Type
3.5 mm	6.5 mm	3.5 mm	0800	●
	8 mm	3.5 mm	0815	
	10 mm	3.5 mm	0830	
	12 mm	3.5 mm	0845	
	14 mm	3.5 mm	0860	
	16 mm	3.5 mm	0875	
4.0 mm	6.5 mm	3.5 mm	0802	
	8 mm	3.5 mm	0817	
	10 mm	3.5 mm	0832	
	12 mm	3.5 mm	0847	
	14 mm	3.5 mm	0862	
	16 mm	3.5 mm	0877	
4,5 mm	6.5 mm	3.5 mm	0805	
	8 mm	3.5 mm	0820	
	10 mm	3.5 mm	0835	
	12 mm	3.5 mm	0850	
	14 mm	3.5 mm	0865	
	16 mm	3.5 mm	0880	
5.5 mm	6.5 mm	3.5 mm	0810	
	8 mm	3.5 mm	0825	
	10 mm	3.5 mm	0840	
	12 mm	3.5 mm	0855	
	14 mm	3.5 mm	0870	
	16 mm	3.5 mm	0885	

The Surgery Kit includes all necessary components for placing the Champions® implants.

	Art.-No.	Type
Surgery Kit, empty	3190-1	 
Surgery Kit, complete	31913-1	 



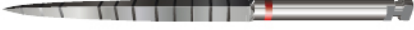
Item	Art. No.	Surgery Kit, complete	Item	Art. No.	Surgery Kit, complete
1	3090	Torque Wrench	19	3036	Drill Extension
2	3180	BCC Probe	20	3061	Torque Wrench Adapter (R)Evolution ¹
3	30650	Condenser, ø 2.4 mm	20	3063	Insertion Aid (R)Evolution HP-connection ¹
4	30660	Condenser, long, ø 3.0 mm, yellow	21	3086	Prosthetic Driver (R)Evolution
5	3005	Drill, yellow, short, ø 2.0 mm	22	30861	Prosthetic Driver short (R)Evolution
6	3000	Drill, yellow, long, ø 2.3 mm	23	3087	Shuttle-Extractor (R)Evolution
7	3010	Drill, black, ø 2.5 mm	24	3062	Insertion Aid Multi-Unit (R)Evolution
8	3030	Drill, white, ø 3.3 mm	25	3060	Insertion Aid long (one-piece Champions®)
9	3031	Drill, blue, ø 2.8 mm	26	3040	Insertion Aid regular (one-piece Champions®)
10	3032	Drill, brown, ø 3.25 mm	27	3039	Insertion Aid HP-connection (one-piece Champions®)
11	3033	Drill, orange, ø 3.7 mm			
12	3034	Drill, green, ø 4.0 mm			
13	30345	Drill, red, ø 4.5 mm			
14	3065	Condenser, ø 2.4 mm			
15	3066	Condenser, ø 3.0 mm, yellow			
16	3067	Condenser, ø 3.8 mm, purple			
17	3068	Condenser, ø 4.3 mm, blue			
18	3069	Condenser, ø 5.3 mm, green			

¹ The Insertion Aid is set in the Torque Wrench Adapter.

Surgery Kit Fitting

The color markings and the labeling on the inlay facilitate handling and repositioning tools after using and cleaning them.

CHAMPIONS® DRILLS

		Diameter	Length	Art. No.
	Conical Triangular Drill, yellow, short Laser markings (mm) 2/4/6/10/12/14	2.0 mm	14 mm	3005
	Conical Triangular Drill, yellow, long Laser markings (mm) 2/4/6/10/12/14/16/18	2.3 mm	20 mm	3000
	Conical Triangular Drill, black Laser markings (mm) 2/4/6/10/12/14/16/18	2.5 mm	20 mm	3010
	Conical Triangular Drill, white Laser markings (mm) 2/4/6/10/12/14/16/18	3.3 mm	20 mm	3030
	Conical Triangular Drill, green Laser markings (mm) 2/4/6/10/12/14/16/18/20/24 For lengths starting from 18 mm	2.5 mm	26 mm	3020
	Conical Triangular Drill, red Laser markings (mm) 2/4/6/10/12/14/16/18/20/24 For lengths starting from 18 mm	2.7 mm	26 mm	3025
	Twist Drill, blue Laser markings (mm) 2/4/6/10/12/14/16/18/20	2.8 mm	22 mm	3031
	Twist Drill, brown Laser markings (mm) 2/4/6/10/12/14/16/18/20	3.25 mm	22 mm	3032
	Crestal Drill, orange for 4.0 (R)Evolution Laser markings (mm), 6/8	3.7 mm	10 mm	3033

CHAMPIONS® DRILLS

		Diameter	Length	Art. No.
	Twist Drill, green Laser markings (mm) 2/4/6/10/12/14/16/18/20	4.0 mm	22 mm	3034
				
		2.0 mm	20 mm	3035
	Only for ø 2.5 mm – Ball -Head (D1)			
	Drill Extension, universal Maximum torque : 50 Ncm	3.5 mm	10 mm	3036
	Mucosal Punch	4.0 mm	8 mm	3088
		5.5 mm	8 mm	3089

SURGICAL-PROSTHODONTIC TOOLS

TORQUE WRENCH

The Torque Wrench gives you the best safety while inserting Champions® implants

	Art. No.	Type
	3090	   

Torque Wrench
Adjustable to
15-100 Ncm

Material: Stainless steel

SHUTTLE-FORCEPS

The Shuttle-Forceps are used to remove the Gingiva-Shuttle or the Gingiva-Clix. The diamond-coated Forceps beak ensures an optimal support.

	Art. No.	Type
	9030	

Shuttle-Forceps

Material: Stainless steel

BCC PROBE

	Art. No.	Type
	3180	   

BCC Probe, Bone Cavity Check Probe

Material: Stainless steel

ABUTMENT HOLDER

	Art. No.	Type
	3119	

Abutment Holder for extra-oral
shaping of Abutments (dental
laboratory)

Material: Stainless steel

DRILL STOP SLEEVES

The Drill Stop Sleeve ensures additional safety and comfort during implantation.

It can be cut with a scalpel along the markings every 2 mm. Pay attention to the direction of insertion!

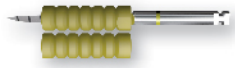
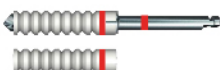
REF 3091 / REF 3092 / REF 3093

When fitting the sleeve on the Conical Triangular Drill, make sure that the flat part at the end of the sleeve is positioned parallelly to the flat part of the Conical Triangular Drill.

REF 3094 / REF 3095 / REF 3096 / REF 3097

The four grooves at the end of the sleeve must be pushed onto the Twist Drill until the stop. Only usable with Twist Drills with stop!

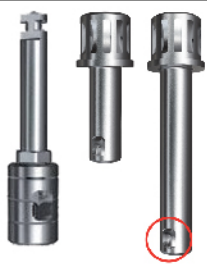
Material: Sterilizable plastic

		Diameter	Length	Art. No.	Type
	"Chetry yellow" Drill Stop Sleeve ¹ (Drill REF 3000)	4.2 mm	14 mm	3091	
	"Chetry black" Drill Stop Sleeve ¹ (Drill REF 3010)	4.2 mm	14 mm	3092	
	"Chetry white" Drill Stop Sleeve ¹ (Drill REF 3030)	5.1 mm	14 mm	3093	
	"Chetry blue" Drill Stop Sleeve ² (Drill REF 3031)	5.0 mm	20 mm	3094	
	"Chetry brown" Drill Stop Sleeve ² (Drill REF 3032)	5.5 mm	20 mm	3095	
	"Chetry green" Drill Stop Sleeve ² (Drill REF 3034)	6.2 mm	20 mm	3096	
	"Chetry red" Drill Stop Sleeve ² (Drill REF 30345)	6.7 mm	20 mm	3097	

¹ Markings (mm): 8/10/12/14/16/18

² Markings (mm): 4/6/8/10/12/14/16/18

ADAPTERS & INSERTION AIDS & PROSTHETIC DRIVERS

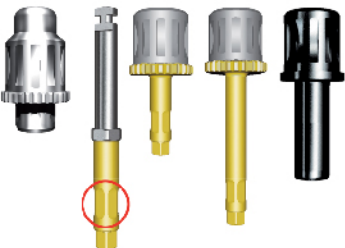
		Diameter	Length	Art. No.	Type
	Insertion Aid, HP-Connection Maximum torque with handpiece (HP): 50 Ncm	4.5 mm	7 mm	3039	
	Insertion Aid regular	4.5 mm	13 mm	3040	
	Insertion Aid long	4.5 mm	26 mm	3060	

Material: Stainless steel

For fitting Abutment Ball-Head (R)Evolution Art. No. 3106/31060

During the final insertion procedure, make sure that one of the windows of the Insertion Aid (red circle) is in a buccal or mesial position.

TORQUE WRENCH ADAPTER

		Diameter	Length	Art. No.	Type
	Torque Wrench Adapter (R)Evolution	4.7 mm	3.7 mm	3061	
	Insertion Aid, HP connection (R)Evolution Maximum torque with handpiece (HP): 50 Ncm	2.8 mm	7 mm	3063	
	Insertion Aid short (R)Evolution Ricci I	2.8 mm	10 mm	30631	
	Insertion Aid long (R)Evolution Ricci II	2.8 mm	20 mm	30632	
	Insertion Aid Multi-Unit	4.9 mm	13 mm	3062	

Material: Stainless steel

Important for an angled placement: During the final placement, make sure that one of the flat surfaces of the Insertion Aid is in a vestibular position.

PROSTHETIC DRIVER

		Diameter	Length	Art. No.	Type
	Prosthetic Driver	1.9 mm	21 mm	3086	
	Prosthetic Driver short	1.9 mm	14 mm	30861	

Material: Stainless steel

CONDENSER

	Diameter	Length	Color code	Art. No.	Type
	2.4 mm	20 mm	silver	3065	 
	2.4 mm	30 mm	silver	30650	 
	3.0 mm	24 mm	yellow	3066	
	3.0 mm	34 mm	yellow	30660	
	3.8 mm	24 mm	purple	3067	
	4.3 mm	24 mm	blue	3068	
	5.3 mm	24 mm	green	3069	

The Condensers are reusable after cleaning and sterilizing between each implantation.

Drills										
Primary stability 30/40 Ncm in the D3/D4 bone	Yellow	ø 2.4 mm	ø 3.0 mm	ø 3.8 mm	ø 4.3 mm	ø 5.3 mm				
		✗	✗	✗	✗	✓	ø 5.5 mm			
		✗	✗	✗	✓		ø 4.5 mm			
		✗	✗	✓			ø 4.0 mm			
		✗	✓				ø 3.5 mm			
		✓					ø 3.0 mm			

✓ Achieved primary stability 30/40 Ncm

✗ Not achieved primary stability 30/40 Ncm

Condensers are used primarily for soft bone (D3, D4) and ensure bone condensation.

Condensers are used to check which implant diameter should be placed.

Following the MIMI®-Flapless implantation, Condensers can also be used if the gingiva thickness is > 4 mm and for the placement of a two-piece Champions® (R)Evolution and a "New Art" starting from ø 3.0 mm.

Important: after each drilling and/or use of Condensers, perform the BCC (Bone Cavity Check) of the bone cavity with a thin dental probe. This will ensure that the implant can be correctly inserted in the prepared bone cavity.

If you perform an indirect sinus lift: after drilling with the yellow drill, use only the ø 3.0 mm Condenser. Do not use the ø 2.4 mm Condenser since it has a very sharp point that can cause injury to the membrane.

SURGICAL-PROSTHODONTIC TOOLS

SHUTTLE-EXTRACTOR

		Diameter	Length	Art. No.	Type
	Shuttle-Extractor	1.9 mm	20 mm	3087	●
	For removing the Gingiva-Shuttle Use the Shuttle-Extractor manually. Use a Torque Wrench only when the Shuttle cannot be removed manually!				
	 The Shuttle-Extractor is screwed clockwise. The QR-Code is a link to the instruction video.				

Material: Stainless steel

TOOL SET

		Art. No.	Type
	Tool Set (R)Evo lution including:	31914	●
	Twist Drill, blue Twist Drill, brown Torque Wrench Adapter Insertion Aid Prosthetic Driver Shuttle-Extractor		

Material: Stainless steel

RESCUE TOOL

		Art. No.	Type
	Rescue Tool Fixation Screw	3064	●
	Tool for removing the Fixation Screw when the screw head is defective.		
	The Rescue Tool is screwed counterclock wise .		

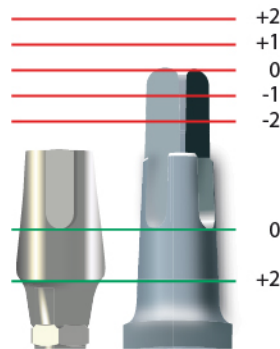
Material: Stainless steel

Prep-Caps are used to compensate insertion divergences and to widen the clinical crown. They are cemented on the implant or the (R)Evolution Abutment. The Prep-Caps have 3 reference points.

1st marked point : Prep-Cap occlusal height (mm)

2nd marked point : Prep-Cap gingival depth (mm)

3rd marked point : Prep-Cap angulation (°)



1st marked point

= upper edge of C-Square

2nd marked point

= lower end of the groove of the C-Square

Units in mm

PREP-CAP WITH STEP¹

		Diameter	Height	Art. No.	Type
	Prep-Cap ZrO ₂ -2/+2 (0°)	5.4 mm	5.0 mm	4000	
	Prep-Cap ZrO ₂ -1/+2 (10°)	5.4 mm	5.9 mm	4010	
	Prep-Cap ZrO ₂ +1/0 (5°)	5.4 mm	6.9 mm	4020	
	Prep-Cap ZrO ₂ +2/+2 (0°)	5.4 mm	9.0 mm	4030	
	Prep-Cap ZrO ₂ +2/+2 (12°)	5.4 mm	9.0 mm	4040	

Material: Zircon oxide

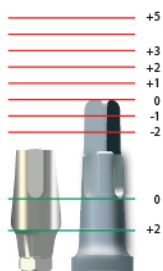
		Diameter	Height	Art. No.	Type
	Prep-Cap titanium -2/+2 (0°)	5.4 mm	5.0 mm	4050	
	Prep-Cap titanium -1/+2 (10°)	5.4 mm	5.9 mm	4060	
	Prep-Cap titanium +1/0 (5°)	5.4 mm	6.9 mm	4070	
	Prep-Cap titanium +2/+2 (0°)	5.4 mm	9.0 mm	4080	
	Prep-Cap titanium +2/+2 (12°)	5.4 mm	9.0 mm	4090	

Material: Titanium grade 5

¹ Only in combination with Abutment Prep-Cap 3107



PREP-CAPS



PREP-CAP WITHOUT STEP, OVAL, CONICAL¹

		Diameter	Height (H)	Art. No.	Type
	For Anterior Region				
	Prep-Cap ZrO ₂ +2/+2 (0°) F	4.2 / 4.4 mm	8.0 mm	4036	○ ●
	Prep-Cap ZrO ₂ +5/+2 (0°) F	4.2 / 4.4 mm	11.0 mm	4037	● ●
	For Posterior Region				
	Prep-Cap ZrO ₂ +3/+2 (0°) S	5.0 / 6.0 mm	9.0 mm	4038	
	Prep-Cap ZrO ₂ +5/+2 (0°) S	5.0 / 6.0 mm	11.0 mm	4039	
	For Anterior and Posterior Regions				
	Prep-Cap ZrO ₂ +1/0 (5°)	5.4 mm	6.9 mm	4020os	
	Prep-Cap ZrO ₂ +2/+2 (12°)	5.4 mm	9.0 mm	4040os	

Material: Zircon oxide

¹ Only in combination with Abutment Prep-Cap 3107

PREP-CAP BALL-HEAD

		Diameter	Height	Art. No.	Type
	Prep-Cap Ball-Head (0°) For cementing crowns	4.5 mm	5.5 mm	4098	●

Material: Zircon oxide

RESCUE-CAP BALL-HEAD

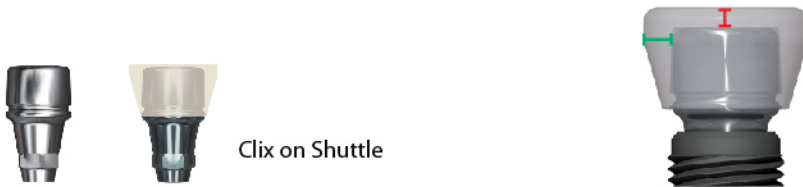
		Diameter	Height	Art. No.	Type
	Rescue-Cap Ball-Head (0°) Ball-Head for cementing in case Ball-Head is fractured (1) The remaining Ball-Head part should be shaped (2) before the Rescue-Cap is cemented (3).	3.3 mm	5.5 mm	3118	●

Material: Titanium grade 5

GINGIVA-CLIX

Gingiva-Clix are used to widen the emergence profile. For this, the Gingiva-Clix is clicked on the Gingiva-Shuttle.

Important: in order to prevent lateral shear forces and micro-movements on the implant within 2-8 weeks after implantation, the Gingiva-Shuttle (including Gingiva-Clix) should not extend much above the gingiva.



Clix on Shuttle

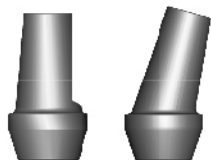
"Gingiva-Clix +1/+1" means that the radius of the Clix is 1 mm bigger than the one of the Shuttle and that the Clix is 1 mm higher than the Shuttle.

		Diameter	Height ¹	Art. No.	Type
	Gingiva-Clix +1/+1	5.8 mm	4.6 mm	31001	●
	Gingiva-Clix +1/+3	5.8 mm	5.6 mm	31003	
	Gingiva-Clix +1/+5	5.8 mm	7.6 mm	31005	
	Gingiva-Clix +2/+1	7.5 mm	4.6 mm	31011	
	Gingiva-Clix +2/+3	7.5 mm	5.6 mm	31013	
	Gingiva-Clix +2/+5	7.5 mm	7.6 mm	31015	

Material: WIN!® PEEK

PROVI-CLIX

The Provi-Clix, which is set on the Gingiva-Shuttle, can be easily connected to the temporary restoration.



Provi-Clix 0°
Provi-Clix 15°

Diameter	Height ¹	Art. No.	Type
5.8 mm	11.2 mm	3100P	●
5.8 mm	12.0 mm	3100P0	

Material: WIN!® PEEK

SURGICAL SCREW

The surgical screw will be used if there is a gingival height < 2 mm or for "covered" healing of the implant ("classical implantation method").

Disadvantage: There is no "gingiva-forming" as the Gingiva-Shuttle with a Gingiva-Clix can be fitted again at the earliest after 8 weeks under local anesthesia. An "exposure" of the implant is usually necessary.

Advantage: Completely "load-free healing". There are no lateral shear forces on the implant!



Surgical Screw
Maxima I torque : 20 Ncm

Diameter	Height ¹	Art. No.	Type
3.25 mm	0.4 mm	30851	●

Material: Titanium grade 5

¹ Indication of height from the implant platform

ABUTMENTS

Abutments are available in several versions:

Straight 0° Abutments with gingival heights of 1 mm / 3 mm / 5 mm

Abutments in angles of 15° / 22.5° / 30° in gingival heights of 1 mm / 3 mm / 5 mm

The maximum torque is 30 Ncm.

Material: Titanium grade 5

The Fixation Screw (Art. 3085) has to be ordered separately.

		Diameter	Height ¹	Art. No.	Type
	Abutment Massiv 1 GH2	6.0 mm	7.9 mm	31171	●
	Abutment Massiv 1L GH2	6.0 mm	12.9 mm	31172	
	Abutment Massiv 2 GH4	6.0 mm	7.9 mm	31173	
	Abutment Massiv 2L GH4	6.0 mm	12.9 mm	31174	
	Abutment Massiv 3L GH6	6.0 mm	12.9 mm	31175	
	Abutment Massiv 4 GH2	6.0 mm/9.0 mm	7.9 mm	31176	
	Abutment Massiv 4 GH4	6.0 mm/9.0 mm	12.9 mm	31177	
	Abutment Bonding Basis GH1	4.0 mm	5.5 mm	3104	
	Scan Cap (Material: WIN!® PEEK)	3.6 mm	6.0 mm	3123	
	Abutment Prep-Cap	3.3 mm	5.2 mm	3107	

GH = Gingival Height in mm

¹ Indication of height from the implant platform

		Diameter	Height ¹	Art. No.	Type
	Abutment 0° GH1	4.3 mm	6.1 mm	3105	
	Abutment 0° GH3	4.3 mm	7.2 mm	31050	
	Abutment 0° GH5	4.3 mm	9.2 mm	310505	
	Abutment Ball-Head GH1	2.9 mm	6.8 mm	3106	
	Abutment Ball-Head GH3	2.9 mm	8.8 mm	31060	
	Abutment is inserted with Item # 3040 or 3060 (Insertion Aid for one-piece Champions).				
	Abutment 15° GH1	4.3 mm	6.3 mm	31051F	
	Abutment 15° GH3	4.3 mm	8.3 mm	31051F3	
	Abutment 15° GH5	4.3 mm	10.3 mm	31051F5	
	Abutment 22.5° GH1	4.3 mm	6.4 mm	31052F	
	Abutment 22.5° GH3	4.3 mm	8.4 mm	31052F3	
	Abutment 22.5° GH5	4.3 mm	10.4 mm	31052F5	
	Abutment 30° GH1	4.3 mm	6.4 mm	31053F	
	Abutment 30° GH3	4.3 mm	8.4 mm	31053F3	
	Abutment 30° GH5	4.3 mm	10.4 mm	31053F5	
	Preform-Abutment for CAD/CAM Exocad or 3Shape-Software available on demand	12.0 mm	15.0 mm	31071	

GH = Gingival Height in mm

¹ Indication of height from the implant platform

ICA ABUTMENT (ICA INDIVIDUAL CONNECTION ABUTMENT)

The ICA Abutments and the corresponding zircon Abutments (ICA Caps) allow the laboratory to manufacture a cost-efficient individual hybrid Abutment relatively quickly. The titanium bonding base is equipped with longitudinal grooves so that the ICA Cap can be adjusted on the model and adapted to the tooth position. After checking the gingival margin, the Abutment is adjusted with a hydraulic turbine, and the hybrid Abutment can be bonded.

The ICA-Caps are available in different versions:

Straight 0° assemblies with gingival heights of 1 mm / 3 mm / 5 mm

Assemblies in angles of 15°/ 22° with gingival heights of 3 mm / 5 mm

The maximal torque is 30 Ncm.

		Diameter	Height	Art. No.	Type
	ICA Abutment GH1	4.6 mm	7.8 mm ¹	3102*	
	ICA Abutment GH3	4.6 mm	10.8 mm ¹	31020*	
	Material: Titanium grade 5				
	Bonding base	2.1 mm	20 mm	7000	
	Material: Plastic				

¹ Indication of height from the implant platform

* Delivered without fixation screw

ICA SAMPLE BOX

Sample Box containing Sample ICA Caps for anterior and posterior sites

Technicians can use these samples to select the suitable ICA Caps for their model.

		Art. No.	Type
	ICA Sample Box incl. 26 Sample ICA Caps Material: Plastic	7001	
	Delivered without ICA Abutment		

ICA CAPS

Anterior sit e	Material: Zircon o xide	Width/Depth	Height	Art. No.	Type	
	ICA Cap ZrO ₂ 0°-GH1-F	5/6 mm	9 mm	7001F		
	ICA Cap ZrO ₂ 0°-GH1-FL	6/7 mm	9 mm	7001FL		
	ICA Cap ZrO ₂ 0°-GH3-F	5/6 mm	11 mm	7003F		
	ICA Cap ZrO ₂ 0°-GH3-FL	6/7 mm	11 mm	7003FL		
	ICA Cap ZrO ₂ 0°-GH5-F	5/6 mm	13 mm	7005F		
	ICA Cap ZrO ₂ 0°-GH5-FL	6/7 mm	13 mm	7005FL		
	ICA Cap ZrO ₂ 15°-GH3-F	5/6 mm	11 mm	7153F		
	ICA Cap ZrO ₂ 15°-GH3-FL	6/7 mm	11 mm	7153FL		
	ICA Cap ZrO ₂ 15°-GH5-F	5/6 mm	11 mm	7155F		
	ICA Cap ZrO ₂ 15°-GH5-FL	6/7 mm	11 mm	7155FL		
	ICA Cap ZrO ₂ 22°-GH3-F	5/6 mm	11 mm	7223F		
	ICA Cap ZrO ₂ 22°-GH3-FL	6/7 mm	11 mm	7223FL		
	ICA Cap ZrO ₂ 22°-GH5-F	5/6 mm	11 mm	7225F		
	ICA Cap ZrO ₂ 22°-GH5-FL	6/7 mm	11 mm	7225FL		
Posterior sit e		ICA Cap ZrO ₂ 0°-TK	6.5/7.5 mm	11 mm	7005TK	
		ICA Cap ZrO ₂ 0°-GH1-S	6/7 mm	9 mm	7001S	
		ICA Cap ZrO ₂ 0°-GH3-S	6/7 mm	11 mm	7003S	
		ICA Cap ZrO ₂ 0°-GH5-S	6/7 mm	11 mm	7005S	
		ICA Cap ZrO ₂ 15°-GH3-S	6/7 mm	11 mm	7153S	
		ICA Cap ZrO ₂ 15°-GH3-SL	7/8 mm	11 mm	7153SL	
		ICA Cap ZrO ₂ 15°-GH5-S	6/7 mm	11 mm	7155S	
		ICA Cap ZrO ₂ 15°-GH5-SL	7/8 mm	11 mm	7155SL	
		ICA Cap ZrO ₂ 22°-GH3-S	6/7 mm	11 mm	7223S	
		ICA Cap ZrO ₂ 22°-GH3-SL	7/8 mm	11 mm	7223SL	
		ICA Cap ZrO ₂ 22°-GH5-S	6/7 mm	11 mm	7225S	
		ICA Cap ZrO ₂ 22°-GH5-SL	7/8 mm	11 mm	7225SL	

PROSTHODONTICS

CHAMPIONS® LOC® LOCATOR™

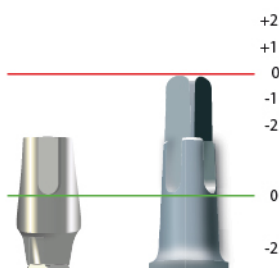
The Champions® LOC® are used to support a removable prosthesis. Compensation of divergences: up to 20° for a single implant, up to 40° between several implants

		Diameter	Height	Art. No.	Type
	Champions® LOC® short -1/0	3.9 mm	4.0 mm	3141	○ ●
	Champions® LOC® long +2/0	3.9 mm	7.0 mm	3142	○ ●

To use the short LOC®, the Square implant head above the grooves must be removed.
The LOC® must be cemented.

1st marked point:
LOC®-height occlusal (mm)

2nd marked point:
LOC®-gingival depth (mm)



1st marked point
= upper edge of C-Square/groove

2nd marked point
= lower end of the groove of the C-Square

		Diameter	Height ¹	Art. No.	Type
	(R)Evolution LOC® short GH3 ²	3.9 mm	4.3 mm	3143	●
	(R)Evolution LOC® long GH5 ²	3.9 mm	6.3 mm	3144	●
	(R)Evolution LOC® Multi-Unit ³	5.2 mm	5.0 mm	3113	●
	² Screwed with Fixation Screw 3085 Maximum torque 30 Ncm ³ Screwed with Fixation Screw 3085M Maximum torque 20 Ncm				

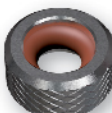
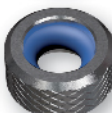
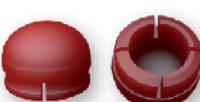
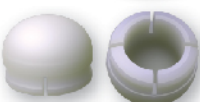
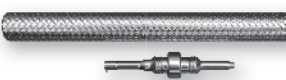
GH = Gingival Height in mm

¹ Indication of height from the implant platform

PATRICES

		Art. No.	Type
	Retention Case Set includes: Metal Case ø 5.5/Height 2.4 mm Patrice red, orange, green, black, seal ring	3134	○ ● ●
	Patrice red – retention about 700 g (4 pcs./ pack)	3136	
	Patrice orange – retention about 900 g (4 pcs./pack)	3137	
	Patrice green – retention about 1800 g (not available as a single piece, only available in the Retention Case Set)		
	Tool for Patrices Tool for replacing patrices	3135	

BALL-HEAD

		Diameter	Height	Art. No.	Type
	Metal Matrix MMT red-brown Material: Stainless steel	5.1 mm	2.6 mm	3130	
	Metal Matrix MMT blue Material: Stainless steel	5.1 mm	2.6 mm	31301	
	O-Rings for MMT (4 pcs./pack) Black – strong retention Material: Silicone			3150	
	O-Rings for MMT (4 pcs./pack) Red-brown – regular retention Material: Silicone			3160	
	O-Rings for MMT (4 pcs./pack) Blue – weak retention Material: Silicone			3170	
	Preci-Clix Case (6 pcs./pack) Case for Preci-Clix Matrix Material: Titanium	4.0 mm	2.7 mm	3146	currently not available
	Preci-Clix Matrices (6 pcs./pack) Red – retention approx. 1000 g Material: POM	3.4 mm	2.6 mm	3149	currently not available
	Preci-Clix Matrices (6 pcs./pack) Yellow – retention approx. 800 g Material: POM	3.4 mm	2.6 mm	3147	currently not available
	Preci-Clix Matrices (6 pcs./pack) White – retention approx. 600 g Material: POM	3.4 mm	2.6 mm	3148	currently not available
	Preci-Clix Matrices Combi (2 x red, 2 x yellow, 2 x white) Material: POM	3.4 mm	2.6 mm	31490	currently not available
	Preci-Clix Tools are used to set the Preci-Clix. Sphere for inserting Hook for removing Material: Stainless steel			3145	

MULTI-UNIT ABUTMENT

The Multi-Unit Abutment system has been designed to optimize esthetic screwable multiple-unit restorations and complete restorations. The Abutment has a small vertical height. It is available in angles of 0°/17°/30° and in gingival heights of 1 mm/3 mm/5 mm. A complete restoration should be supported by at least 4 implants in the mandible and by at least 6 implants in the maxilla. The Insertion Aid Multi-Unit is used to fix the 0° Abutments.

The maximum torque is 30 Ncm.

Material: Titanium grade 5

The Fixation Screw Art. 3085/Art. 3085M has to be ordered separately.

		Diameter	Height ¹	Art.-No.	Type
	Abutment Multi-Unit 0° GH1	5.2 mm	3.9 mm	3108	
	Abutment Multi-Unit 0° GH3	5.2 mm	5.9 mm	31083	
	Abutment Multi-Unit 0° GH5	5.2 mm	7.9 mm	31085	
	These Abutments are screwed in with the Insertion Aid Multi-Unit Art. 3062.				
	Abutment Multi-Unit 17° GH1	5.2 mm	4.0 mm	3109	
	Abutment Multi-Unit 17° GH3	5.2 mm	6.0 mm	31093	
	Abutment Multi-Unit 17° GH5	5.2 mm	8.0 mm	31095	
	Abutment Multi-Unit 30° GH1	5.2 mm	3.4 mm	3110	
	Abutment Multi-Unit 30° GH3	5.2 mm	5.4 mm	31103	
	Abutment Multi-Unit 30° GH5	5.2 mm	7.4 mm	31105	

¹ Indication of height from the implant platform

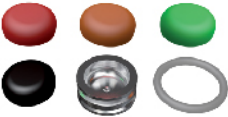
The Abutments are screwed in with the Insertion Aid Multi-Unit (Art. 3062). If you are interested, you can ask for our free "Step-by-Step Instruction Manual for the Multi-Unit Abutment" or use our QR-Code below:



MULTI-UNIT SYSTEM

		Diameter	Height	Art.-No.	Type
	Multi-Unit Cap titanium Multi-Unit Cap titanium incl. screw Not rotation -proof	5.2 mm	12.9 mm	3111* 31110	
	Multi-Unit Cap titanium Multi-Unit Cap titanium incl. screw Rotation -proof	5.2 mm	12.9 mm	3111R* 31110R	
	Multi-Unit Cap POM (calcinable) Multi-Unit Cap POM incl. screw Not rotation -proof	5.2 mm	12.9 mm	3112* 31120	
	Multi-Unit LOC®	5.2 mm	5.0 mm	3113*	
	Protection Cap Multi-Unit, titanium	5.2 mm	5.0 mm	31106*	
	Fixation Screw Multi-Unit for Cap / LOC® / Protection Cap			3085M	
	Multi-Unit Positioning Aid			31140	
	Insertion Aid Multi-Unit	4.9 mm	13.0 mm	3062	

PATRICES

		Art.-No.	Type
	Retention Case Set includes: Metal Case ø 5.5/Height 2.4 mm Patrice red, orange, green, black, seal ring	3134	  
	Patrice red – retention about 700 g (4 pcs./ pack)	3136	
	Patrice orange – retention about 900 g (4 pcs./pack)	3137	
	Patrice green – retention about 1800 g (not available as a single piece, only available in the Retention Case Set)		
	Tool for Patrices Tool for replacing patrices	3135	

* Delivered without fixation screw

LABORATORY EQUIPMENT & IMPRESSION

BALL-HEAD

		Diameter	Height	Art. No.	Type
	Laboratory Analog Ball-Head Material: Stainless steel			3140	     

SQUARE

		Diameter	Height	Art. No.	Type
	Impression Coping Indication: gingival height > 3 mm Material: Plastic	4.5 mm	5.0 mm	3115	 
	Laboratory Analog Square			3120	
	Preparation Margin Ring (20 pcs./pack) (tool for preparation margin) Material: Silicone			3175	

MULTI-UNIT

		Diameter	Height	Art. No.	Type
	Multi-Unit Laboratory Analog			3114	
	Impression Post Multi-Unit	4.9 mm	13.0 mm	31222*	
	Fixation Screw Impression Post Multi-Unit Maximum torque 5 Ncm	5.2 mm	8.0 mm	30852	
	Impression Post Set Multi-Unit (Impression Post incl. Fixation Screw 30852)			31223	
					
	Bonding Aid Material: Plastic	2.1 mm	20 mm	7000	

LOC®

		Diameter	Height	Art. No.	Type
	Laboratory Analog LOC®			3139	  

* Delivered without fixation screw

(R)EVOLUTION

		Diameter	Height	Art. No.	Type
	Gingiva-Shuttle Material: Titanium grade 5	3.6 mm	3.5 mm ¹	3100	●
	Laboratory Analog incl. Fixation Screw Material: Titanium grade 5			3121	
	Laboratory Analog Set including: Laboratory Analog, Gingiva-Shuttle, and Fixation Screw Material: Titanium grade 5			31218	
	Laboratory Analog Material: Titanium grade 5			31210	
	Impression Post Disposable product Material: WIN!® PEEK	4.4 mm	8.2 mm ²	3122	
	Impression Post Material: Titanium grade 5	3.0 mm	7.0 mm ²	31220	
	Impression Post Set titanium, including: Impression Post titanium, Impression Coping, and long Fixation Screw Maximum torque 5 Ncm Material: Titanium grade 5 WIN!® PEEK			31221	
	Impression Coping Disposable product Material: WIN!® PEEK	5.5 mm	4.7 mm	3116	
	Fixation Screw			3085	
	Long Fixation Screw Impression Post Material: Titanium grade 5			30850	

¹ Indication of height from the Gingiva-Shuttle

² Indication of height from implant platform

REGENERATION TECHNIQUE

COLLAGEN

CollaWin® is a sterile wound pad made of collagen from porcine corium.

		Art. No.
	CollaWin! Collagen Membrane 22x27 mm	9010

Matri™ BONE is a resorbable, hemostatic, and osteoconductive bone substitute matrix.

		Art. No.
	Matri™ BONE Bone Substitute Matrix Sd 12x12x12 mm	9023
	Matri™ BONE Bone Substitute Matrix Sd 24x12x12 mm	9024
	Matri™ BONE Bone Substitute Matrix Sd 30x30x6 mm	9025
	Matri™ BONE Bone Substitute Matrix Sd 35x60x6 mm	9026

MEMBRANE

Cova™ MAX is a resorbable membrane designed for Guided Tissue Regeneration (GTR) and Guided Bone Regeneration (GBR).

		Art. No.
	Cova™ MAX Membrane 15x25 mm	9027
	Cova™ MAX Membrane 20x30 mm	9028
	Cova™ MAX Membrane 30x40 mm	9029

HYALURONIC ACID

The gel is a biologically sterile and transparent hyaluronic acid of non-animal origin.

		Art. No.
	Hyaluronic Acid Gel 2 x 1.2 ml	9009
	Cylindrical Cartridge for Carpule Syringe	

IMPLANTLINK®

Implant cement for plastic-based superstructures

Art. No.



implantlink® semi Classic 5 ml
Adhesive force 75 N – Pressure resistance: 85 MPa

9000

implantlink® semiForte 5 ml
With reinforced adhesion and pressure resistance
Adhesion force 110 N – Pressure resistance: 100 MPa

9001

OLI-PRODUCTS

High-quality adhesive systems as well as prophylaxis, filling, temporary, and impression material of Olident reflect the philosophy of Champions®:

"High quality doesn't have to be expensive".

You can ask for the Olident catalogue.



Oli-Products | Catalogue 2015

SMART DENTIN GRINDER

Extracted Teeth for Grafting

Hard tooth substances and bone have similar structures: 70 % are mineral substances, 20 % organic components, especially collagen – the remaining 10 % is mainly water.

Prof. Itzhak Binderman, professor at the Department of Oral Biology at the University Tel Aviv and specialist for tissues, has already used extracted teeth as autologous bone graft. Contrary to xenogeneic bone substitutes or the ones that derive from outside of the organism, the graft from the teeth – provided that it is properly prepared – is not resorbed but transforms into bone within a few months.

The group of Prof. Itzhak Binderman has standardized this procedure and has developed the necessary devices. The cleaned teeth from which caries and toxins have been removed are grinded with the patented 'Smart Dentin Grinder', then cleaned,

and then prepared for grafting. You can use particles with a size of 300 µm up to 1,200 µm. The Smart Dentin Grinder grinds and sorts the teeth almost fully automatically. The whole procedure takes only 30 minutes and can be performed in any dental office. The structure of the graft is granulous and pasty and can easily be placed. For implantation, this graft is recommended as filling material.

Scientific publications and studies have shown that this procedure is successful, which is not only more cost-efficient but also better than other bone substitute procedures. Since only autologous teeth should be used for the Smart Dentin Grinder procedure, Prof. Binderman recommends that you should give each extracted tooth to the patient in case bone grafting is necessary later.



Smart Dentin Grinder – Basic Device



First, the extracted teeth are cleaned ...



...then grinded in the Smart Dentin Grinder and then sorted according to the size ...



... finally, the organic parts are chemically removed.

SMART DENTIN GRINDER COMPLETE KIT

Art. No.

4300



Kit consists of :

- 1 x Smart Dentin Grinder, Basic Device
- 6 x Sterile Disposable Chamber
- 6 x Graft Container
- 6 x Dentin Cleanser® 5 ml
- 6 x PBS Phosphate Buffered Saline 5 ml

CHAMBER KIT, STERILE, DISPOSABLE

Art. No.

4302



Kit consists of :

- 6 x Sterile Disposable Chamber
- 6 x Graft Container
- 6 x Dentin Cleanser® 5 ml
- 6 x PBS Phosphate Buffered Saline 5 ml

Kit consists of :

4303

- 3 x Sterile Disposable Chamber
- 3 x Graft Container
- 3 x Dentin Cleanser® 5 ml
- 3 x PBS Phosphate Buffered Saline 5 ml

Scan the QR-Codes with your SmartPhone for video information about the Smart Dentin Grinder.



See the Smart Dentin Grinder procedure.



Lecture of Prof. I. Binderman about the Smart Dentin Grinder procedure in the Champions Future Center on June 18, 2016

ACCESSORIES

DEMO MODELS

Art. No.

5035

Demo Model (R)Evolution 5:1



INTRA-ORAL CAMERA

Art. No.

6112S

I. C. Lercher Intra-Oral Camera incl. Software Medical
EDA



MAGICPEN®

Art. No.

4310

Carpule Injection Syringe



PERIOTEST

Art. No.

6109

Periotest M without vocal output, with accumulator



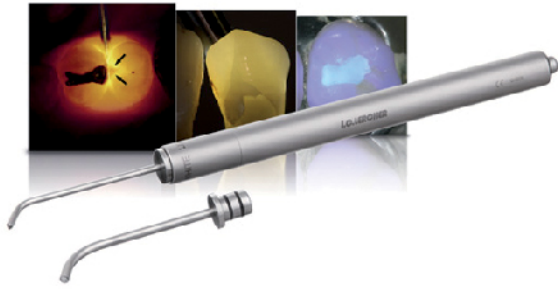
Periotest Classic with vocal output, power supply

6110



DIAGNOSTIC KIT

Art. No.



Diagnostic kit for caries diagnosis & composite presentation

180290



UV-Attachment for diagnostic kit

180291

piezobrush® PZ2 HANDHELD PLASMA DEVICE

Art. No.



In order to optimize and accelerate the osseointegration of implants, our specialized partner has developed a user-friendly handheld plasma device.

6118

piezobrush® allows for reduction of germs and therefore optimizes medical procedures.

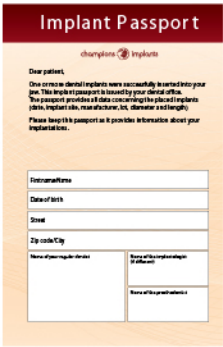


Nearfield Nozzle

61181

The Nearfield Nozzle piezobrush® is used to activate conductible substrates (e.g. metals) or conductible polymers.

IMPLANT PASSPORT

		Art. No.
	Implant Passport (100 pcs. /pack)	ZIPEN10

PROMOTIONAL ARTICLES

		Art. No.
	MIMI® - Patient-Flyer (100 pcs. /pack)	ZMPFEN10

PRESENT BOX

		Art. No.
	Crowns Present Box	5050

SURGICAL CLOTHES

		Art. No.
	Kit consists of : 1 pair of vinyl gloves for preparation 3 impermeable cloths 90 x 150 cm 1 impermeable cloth 75 x 90 cm 2 adhesive tapes 2 guide sleeves 2 adhesive hand protections 20 x 180 cm 3 blue surgical gowns with cotton cuff 2 hand towels 1 surgical cap with ties 2 surgical caps with elastic band 2 elastic masks 6 overshoes (double packaging) Sterile Shelf life: 5 years CE-marking	9032

LABORATORY HYDRAULIC TURBINE CHT-4



The hydraulic turbine CHT-4 is an easy-to-use, compact device with a lightweight handpiece.

Suitable for precise fine processing of press ceramics, aluminum, or zircon ceramics

The CHT-4 has a spray device with an air/water mixture that can be sprayed on the processing area.

You can use it with an adapter bush in our milling devices (R)Evolution 1 and (R)Evolution 2.

Technical Data

- Rotation speed max. 300,000 min⁻¹
- Compressed air connection
- Operating pressure 2.8 – 3.2 bar
- Air consumption 40/min
- Water container 1 l
- Collet ø 1.6
- Pressure switch for quick ventilation

Art. No.
GW5007



Spare Rotor for Hydraulic Turbine CHT-4

It couldn't be any quicker – it can be screwed, and the bearings are new – without expensive repairs.

Very easy assembly

GW5007R

WATER COLLECTION TANK



Our water collection tank can be used for any customary milling machine and also allows the dental technician to work under water cooling. This tank protects the user from bound ceramic dust and ensures that the workplace stays clean and dry.

On the floor of the water collection tank there is a rust-free magnetic metal plate, which can be fixed on any magnetic table.

The water flows through a tube (ø 6 mm) in any collection tank.

Technical Data

- Weight: 1.3 kg
- Height: 155 mm
- Diameter: 200 mm

Art. No.
G5002

MICROMOTOR CHT-50 DESKTOP MODEL

Art. No.

GM5003



Overload protection through microprocessor control and additional voltage fuse links
 Immediate continued processing after overloading (no intermittent duty)
 Switching rotation speed 30,000 min⁻¹ to 50,000 min⁻¹
 Anticlockwise up to 30,000 min⁻¹
 Low-maintenance plastic surfaces
 Immediate use without assembly (desktop device)
 Digital display of rotation speed
 Adjustment of fixed rotation speed with turning button
 Connection for milling machine CHFG2

Technical Data

- Power 260 Watt
- Voltage 115 V / 230 V
- Collector-free DC-Motor
- Torque 7.5 Ncm
- Weight 2.7 kg
- Dimensions L: 230 mm · W: 215 mm · H: 140 mm

FOOT-OPERATED MICROMOTOR CHF-50

Art. No.

GM5004



Overload protection through microprocessor control and additional voltage fuse links
 Immediate continued processing after overloading (no intermittent duty)
 Switching rotation speed from 30,000 min⁻¹ to 50,000 min⁻¹
 Low-maintenance plastic surface
 Immediate operation without assembly (undertable device)
 Digital display of rotation speed
 Adjustment of fixed rotation speed with turning button

Technical Data

- Power 260 Watt
- Voltage 115 V / 230 V
- Collector-free DC Motor
- Torque 7.5 Ncm
- Weight 2.9 kg

KNEE-OPERATED MICROMOTOR CHK-50

Art. No.

GM5005



Overload protection through microprocessor control and additional voltage fuse links
 Immediate continued processing after overloading (no intermittent duty)
 Switching rotation speed from 30,000 min⁻¹ to 50,000 min⁻¹
 Anticlockwise up to 30,000 min⁻¹
 Low-maintenance plastic surface
 Easy and quick assembly on the table
 Digital display of rotation speed
 Continuously adjustable rotation speed with knee plate via sensor
 Adjustable fixed rotation speed with turning button

Technical Data

- Power: 260 Watt
- Voltage: 115 V / 230 V
- Collector-free DC Motor
- Torque: 7.5 Ncm
- Weight: 2.9 kg
- Dimensions: L: 300 mm W: 240 mm H: 90 mm

SANDBLASTERS

The sandblasters have been developed for metal surface treatment. They are especially used to remove dental casting investment residues and oxide coating or when using glass beads for polishing precious metal surfaces.

1-CHAMBER-SANDBLASTER

Art. No.

GS5011



Technical Data

- Handpiece with Widia-fine blast nozzle: 0.8 / 1.0 / 1.2 mm
- Sand tank with high holding capacity: about 1 l
- Air filter
- Voltage: 230 Volt 50 Hz or 120 Volt 60 Hz
- Total power: 9 Watt
- Dimensions: 38 x 57 x 28 cm
- Weight: 11 kg

2-CHAMBER-SANDBLASTER

Art. No.

GS5012



Technical Data

- Handpiece with Widia-fine blast nozzle: 0.8 / 1.0 / 1.2 mm
- Sand tank with high holding capacity: about 1 l
- Air filter
- Voltage: 230 Volt 50 Hz or 120 Volt 60 Hz
- Total power: 9 Watt
- Dimensions: 38 x 57 x 28 cm
- Weight: 11 kg

3-CHAMBER-SANDBLASTER

Art. No.

GS5013



Technical Data

- Handpiece with Widia-fine blast nozzle: 0.8 / 1.0 / 1.2 mm
- Sand tank with high holding capacity: about 1 l
- Air filter
- Voltage: 230 Volt 50 Hz or 120 Volt 60 Hz
- Total power: 9 Watt
- Dimensions: 38 x 57 x 28 cm
- Weight: 11 kg

PEEK JUVORA™ DENTAL DISC

Pure PEEK-OPTIMA material without solvent residues

High-performance dental PEEK-polymer (polyetheretherketone), which differs from other prosthodontic material JUVORA™ uses only purely biocompatible material and purchases the high-performance polymer, which we offer, exclusively from one supplier (Invisio® Biomaterial Solution). For over a decade, more than 4 million implants with this material have been successfully used worldwide. In addition, JUVORA™ PEEK has been approved for abutments, crowns, and bridges and is considered as one of the most efficient material worldwide. For veneering, we recommend a treatment with piezobrush® PZ2.

Advantages for Dentists

- Metal-free solution
- Elasticity module that is similar to bone – quite hard but flexible, allowing for more space when designing the prosthodontic restoration
- Optimal combination of strength and light weight
- Strong resistance to wear, abrasion, and corrosion
- X-ray transparent – compatible with X-ray imaging
- Proven biocompatible implant material for long-term use

Advantages for Patients

- The digital modelling allows you to individually adapt a framework to the anatomic structures of the patient
- Tasteless (no metal taste)
- No thermal or electrical conductivity
- Allergy-free
- Shock-absorbing properties when chewing
- High resistance to abrasion and fractures

The JUVORA Dental Discs are supplied only to certified dental laboratories that fulfill the necessary criteria for manufacturing high-quality frameworks. Only after our validation will the dental laboratory become the certified CHAMPIONS-JUVORA-partner and get unlimited access to our technical and Marketing support. The certification is for free.

PEEK JUVORA™ DENTAL DISCS

		Art. No.
	PEEK JUVORA™ 98 x 16 mm with groove	4220
	PEEK JUVORA™ 98 x 20 mm with groove	4221
	PEEK JUVORA™ 98 x 25 mm with groove	4222
	PEEK JUVORA™ 98 x 30 mm with groove	4223

In the Champions-Forum you can exchange ideas, comments, questions, and your experiences. With more than 13,000 messages so far, Champions® dentists, dental assistants, and dental technicians have had the opportunity to discuss the Champions®, MIMI®, clinical cases, their successes as well as their failures.

www.champions-forum.com

NOTES



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www.champions-implants.com.hk

