

INNOVATE
THE GAME



FOR YOUR
PERFECT
WORKFLOW

CHAMPIONS PRODUCT CATALOG

– The complete implant system –

CHAMPIONS 

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Manufacturer details according to MDD (Medical Device Directive)/MDR (Medical Device Regulation) are indicated on the product label.

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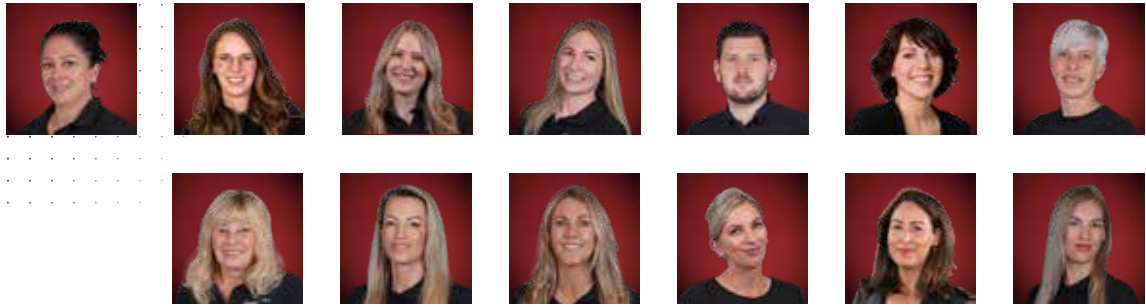


Make use of the Champions Online-Shop

Your benefits

- Available anytime
- Quick and easy
- Customized order templates
- Order history

champions-implants.shop



Your advantages at Champions



Short delivery times

Deliveries in the EU are usually completed within 1–2 business days.



Quick support

No long waiting times: we strive to address your concerns promptly.



Expert advice

Our customer support has in-depth knowledge of our medical devices and offers guidance in compliance with the medical device law implementation act (in German: MPDG [Medizinprodukte-recht-Durchführungsgesetz]).



Trusted contacts

Our well-coordinated team has been working together for many years and knows most of our customers personally.



Prices

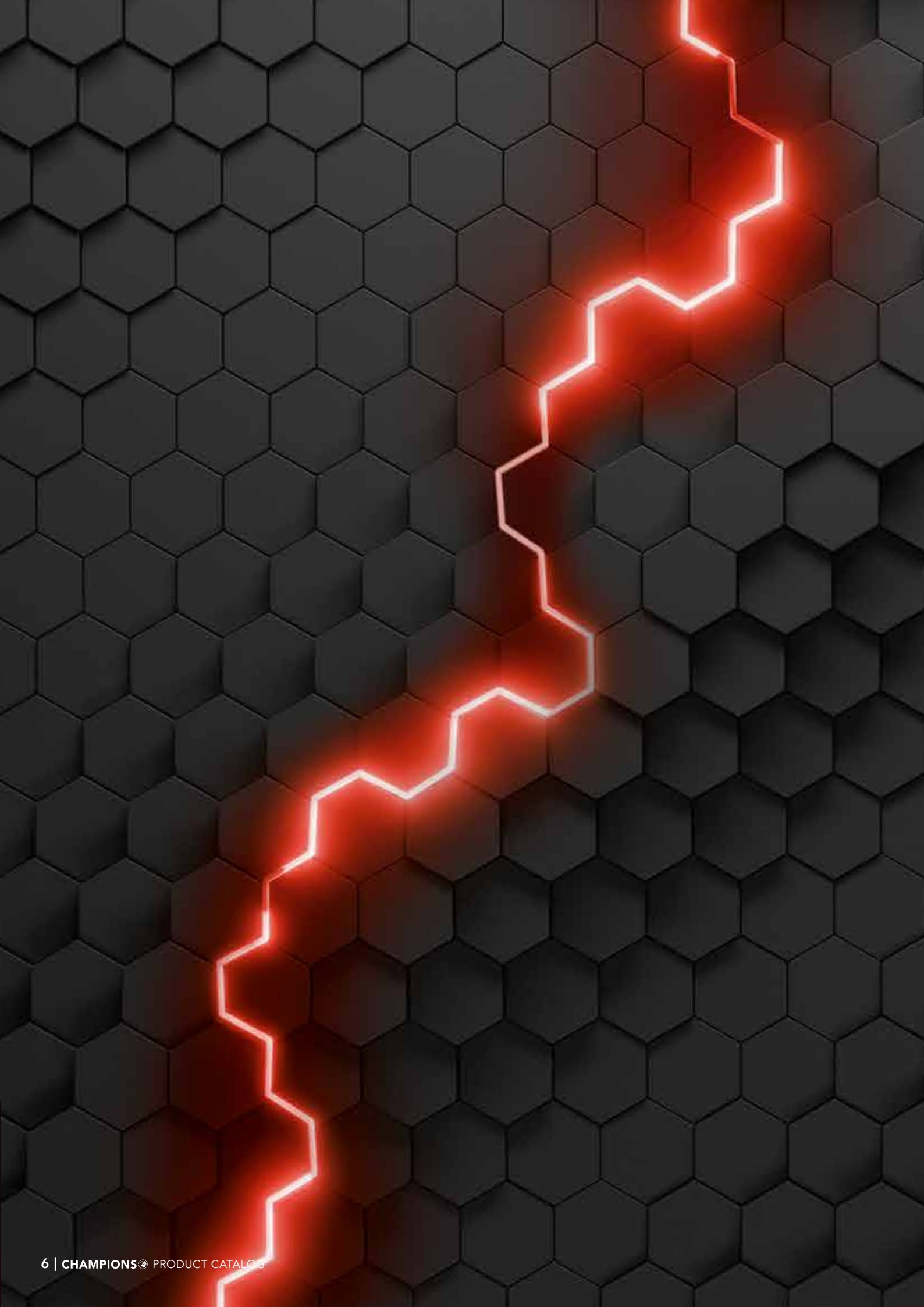
You can see product prices in our online shop once you have registered, or you can ask for price lists from our Customer Support.



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CHAMPIONS INSTRUMENTS

- Surgical Kit -



Surgical Kit

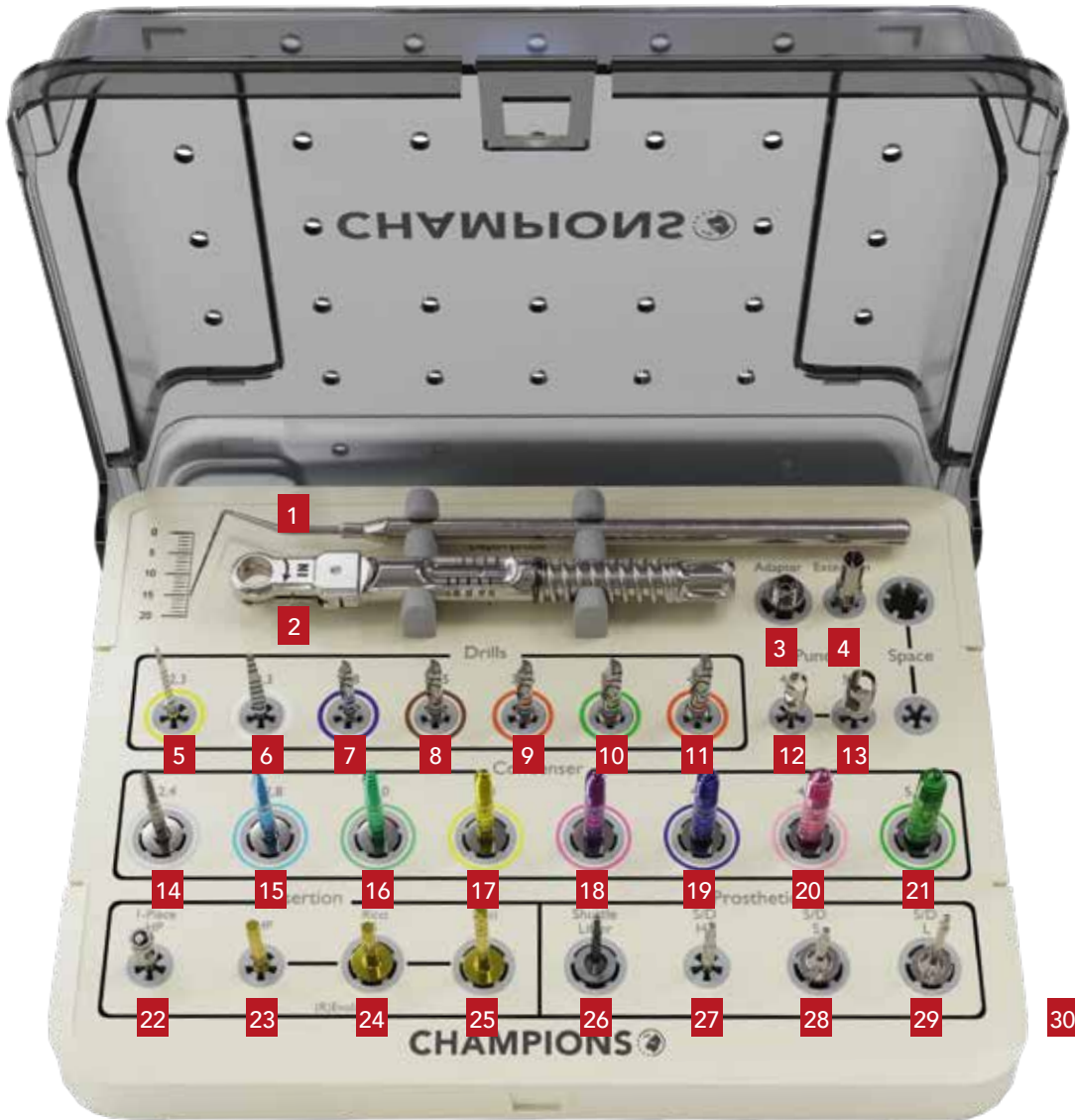
The Surgical Kit includes all the necessary instruments to place the Champions implants. Color coding and labeling on the inlay facilitate handling and positioning instruments after using and cleaning/sterilizing them.



Surgical Kit
fully fitted

REF: 3193

Position	Fitting	REF
1	BCC Probe	3180
2	Torque Wrench	3090
3	Torque Wrench Adapter	3061
4	Drill Extension	3036
5	Conical Triangular Drill yellow, long ø 2.3 mm	3000
6	Conical Triangular Drill white ø 3.3 mm	3030
7	Twist Drill blue ø 2.8 mm	3031
8	Twist Drill brown ø 3.25 mm	3032
9	Twist Drill orange ø 3.75 mm	30331
10	Twist Drill green ø 4.0 mm	3034
11	Twist Drill red ø 4.5 mm	30345
12	Mucosal Punch ø 4.0 mm	3088
13	Mucosal Punch ø 5.5 mm	3089
14	Condenser silver ø 2.4 mm	3065
15	Condenser light blue ø 2.8 mm	30651
16	Condenser green ø 3.0 mm	3066
17	Condenser yellow ø 3.3 mm	30661
18	Condenser purple ø 3.8 mm	3067
19	Condenser blue ø 4.3 mm	3068
20	Condenser pink ø 4.8 mm	30681
21	Condenser green ø 5.3 mm	3069
22	Insertion Aid HP-Connection	3039
23	Insertion Aid Champions (R)Evolution HP-Connection	3063
24	Insertion Aid Champions (R)Evolution short, "Ricci I"	30631
25	Insertion Aid Champions (R)Evolution long, "Ricci II"	30632
26	Shuttle-Extractor	3087
27	Prosthetic Driver/Screwdriver short, HP-Connection	30862
28	Prosthetic Driver/Screwdriver short	30861
29	Prosthetic Driver/Screwdriver long	3086
30	Surgical Tray M	3190-5



Surgical Kit HP
fully fitted

REF: 3194

Position	Fitting	REF
1	BCC Probe	3180
2	Torque Wrench	3090
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4	Drill Extension	3036
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10	Twist Drill green ø 4.0 mm	3034
11	Twist Drill red ø 4.5 mm	30345
12	Mucosal Punch ø 4.0 mm	3088
13	Mucosal Punch ø 5.5 mm	3089
14	Condenser silver HP ø 2.4 mm	3072
15	Condenser light blue HP ø 2.8 mm	3073
16	Condenser green HP ø 3.0 mm	3074
17	Condenser yellow HP ø 3.3 mm	3075
18	Condenser purple HP ø 3.8 mm	3076
19	Condenser blue HP ø 4.3 mm	3077
20	Condenser pink HP ø 4.8 mm	3078
21	Condenser green HP ø 5.3 mm	3079
22	Insertion Aid HP-Connection	3039
23	Insertion Aid Champions (R)Evolution HP-Connection	3063
24	Insertion Aid Champions (R)Evolution short, "Ricci I"	30631
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28	Prosthetic Driver/ Screwdriver short	30861
29	Prosthetic Driver/ Screwdriver long	3086
30	Surgical Tray M	3190-5



Adapter Sleeve HP
for Surgical Kit
REF 3190A

Drills

The Champions Conical Triangular Drills (REF 3005, 3000, 3030) are used with the MIMI insertion protocol. Unlike twist drills, the Conical Triangular Drills remove hardly any bone chips, but instead, they primarily allow for bone condensing at 70 rpm. Thus, implants can be placed even in a narrow alveolar ridge. Horizontal bone availability of 2 mm suffices. Laser markings (LM in mm, measured from the end of the drill) allow you to check the exact drilling depth or the gingival thickness before the first drilling.



The structure of the Drill using the example of the Twist Drill blue \varnothing 2.8 mm (REF 3031). The other Drills are designed according to the same scheme.

Conical Triangular Drills



Conical Triangular Drill yellow (short)
LM: 2/4/6/10/12/14

Conical Triangular Drill yellow (long)
LM: 2/4/6/10/12/14/16/18/20

Conical Triangular Drill white
LM: 2/4/6/10/12/14/16/18

Diameter	2.0 mm	2.3 mm	3.3 mm
Length	14.0 mm	20.0 mm	18.0 mm
REF	3005	3000	3030

Twist Drills



Twist Drill blue
LM: 2/4/6/10/12/14/16

Twist Drill brown
LM: 2/4/6/10/12/14/16

Twist Drill orange
LM: 2/4/6/10/12/14/16

Twist Drill green
LM: 2/4/6/10/12/14/16

Twist Drill red
LM: 2/4/6/10/12/14/16

Diameter	2.8 mm	3.25 mm	3.75 mm	4.0 mm	4.5 mm
Length	18.0 mm	18.0 mm	18.0 mm	18.0 mm	18.0 mm
REF	3031	3032	30331	3034	30345

Drills



Drill orange
LM: 6/8,
for \varnothing 4.0 mm

Drill black
LM: 6/8,
for \varnothing 4.0 mm

Drill white
LM: 6/8,
for \varnothing 4.0 mm

Drill yellow
LM: 6/8,
for \varnothing 4.0 mm

	Drill orange	Drill black	Drill white	Drill yellow
Diameter	3.7 mm	5.0 mm	5.5 mm	6.0 mm
Length	10.0 mm	10.0 mm	10.0 mm	10.0 mm
REF	3033	30346	30347	30348

Accessories



Mucosal Punch, small

Mucosal Punch, big

Drill Extension
Usable for all Champions-Drills and
Condensers HP-Connection
Max. torque 50 Ncm

	Mucosal Punch, small	Mucosal Punch, big	Drill Extension
Diameter	4.0 mm	5.5 mm	3.5 mm
Length	8.0 mm	8.0 mm	10 mm
REF	3088	3089	3036

Drill Stop Sleeves

Drill Stop Sleeves ensure additional safety and comfort during implantation. They can be cut with a scalpel along the markings every 2 mm. Pay attention to the insertion direction.

The Drill Stop Sleeves were named after the French dentist Dr. Jean-Pierre Chetry, and those with the addition "JP" were named after Prof. Dr. Jean-Pierre Bernard.

Material: plastic that can be sterilized/PEEK

REF 3091 to 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 parallel to the flat part of the Conical Triangular Drill.

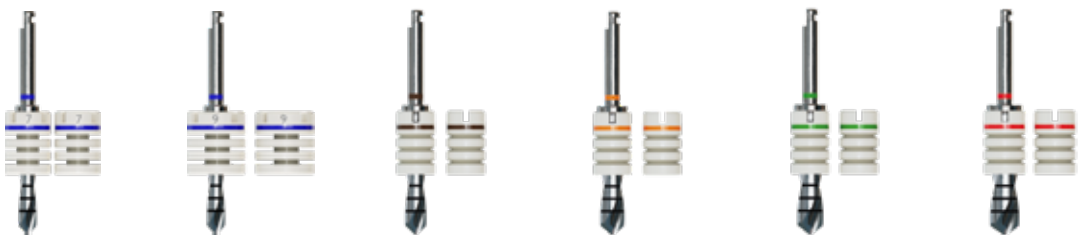
REF 3094 to REF 3097:

The four grooves at the end of the sleeve must be slid onto the Twist Drill until a stopping point is reached.



"Chetry" yellow (Drill-REF 3000) "Chetry" yellow "JP7Y" (Drill-REF 3000) "Chetry" yellow "JP9Y" (Drill-REF 3000) "Chetry" black (for Conical Triangular Drill black) "Chetry" white (Drill-REF 3030) "Chetry" blue (Drill-REF 3031)

Diameter	5.0 mm	7.0 mm	9.0 mm	5.0 mm	5.0 mm	5.0 mm
Length	12.0 mm	12.0 mm	12.0 mm	10.0 mm	10.0 mm	10.0 mm
REF	3091	30911	30912	3092	3093	3094



"Chetry" blue "JP7B" (Drill-REF 3031) "Chetry" blue "JP9B" (Drill-REF 3031) "Chetry" brown (Drill-REF 3032) "Chetry" orange (Drill-REF 30331) "Chetry" green (Drill-REF 3034) "Chetry" red (Drill-REF 30345)

Diameter	7.0 mm	9.0 mm	6.0 mm	6.0 mm	6.0 mm	6.5 mm
Length	10.0 mm	10.0 mm	10.0 mm	10.0 mm	10.0 mm	10.0 mm
REF	30941	30942	3095	30951	3096	3097

Condensers

Condensers are used primarily for low density bone (D3 & D4) and ensure bone condensation. Condensers are used to check which implant diameter should be placed in low density bone or in case of an immediate implantation. With the MIMI® implantation, Condensers can also be used if the gingival thickness is > 4 mm and for placing a Champions (R)Evolution two-piece implant and a "New Art" starting from \varnothing 3.0 mm. Important: perform the BCC (Bone Cavity Check) with a thin dental probe. This will ensure that the Champions implant can be correctly inserted in the prepared bone cavity. If you perform an Internal Direct Sinus Lift (IDS): after drilling with the yellow drill, use only the \varnothing 3.0 mm Condenser. Do not use the \varnothing 2.4 mm Condenser since it has a very sharp point that can cause injury to the membrane. The Condensers are reusable after cleaning and sterilizing between each operation.



The structure of the Condenser using the example of the Condenser blue \varnothing 4.3 mm, length 24 mm (REF 3077). The other Condensers are designed according to the same scheme. The specified diameter refers to the range starting from 10 mm.

Condensers

Torque
Wrench
holder

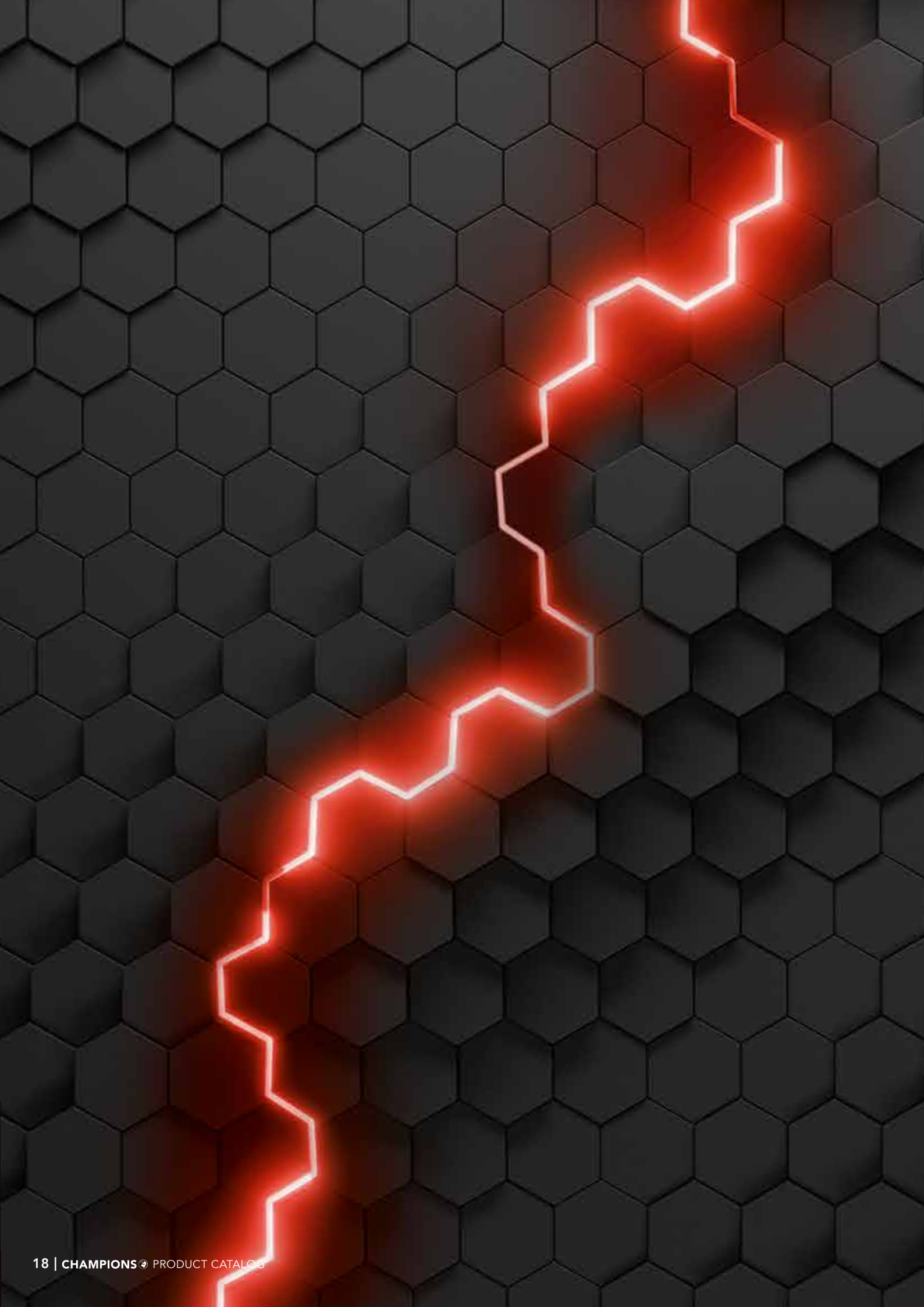


	Condenser silver, short	Condenser silver, long	Condenser light blue	Condenser green	Condenser yellow, short	Condenser yellow, long	Condenser purple	Condenser blue	Condenser pink	Condenser green
Diameter	2.4 mm	2.4 mm	2.8 mm	3.0 mm	3.3 mm	3.0 mm	3.8 mm	4.3 mm	4.8 mm	5.3 mm
Length	24.0 mm	34.0 mm	24.0 mm	24.0 mm	24.0 mm	34.0 mm	24.0 mm	24.0 mm	24.0 mm	24.0 mm
REF	3065	30650	30651	3066	30661	30660	3067	3068	30681	3069

Condensers HP-Connection



	Condenser silver HP-Connection	Condenser light blue HP-Connection	Condenser green HP-Connection	Condenser yellow HP-Connection	Condenser purple HP-Connection	Condenser blue HP-Connection	Condenser pink HP-Connection	Condenser green HP-Connection	Adapter Sleeve HP for Surgical Kit	Bur Holder Plug'In 8 Material: stainless steel
Diameter	2.4 mm	2.8 mm	3.0 mm	3.3 mm	3.8 mm	4.3 mm	4.8 mm	5.3 mm		
Length	24.0 mm	24.0 mm	24.0 mm	24.0 mm	24.0 mm	24.0 mm	24.0 mm	24.0 mm		4.5 x 2 x 4 cm
REF	3072	3073	3074	3075	3076	3077	3078	3079	3190A	4312



SMART GRINDER

- Smart Grinder & Accessories -



Smart Grinder

Avoid up to 50% soft and hard tissue volume loss after extraction by filling the empty alveolus with autologous bone replacement graft that is produced from the extracted tooth of the patient and prepared with the Smart Grinder – chairside in a few minutes.

Best cost-efficient Socket Preservation:

Makes other bone replacement grafts unnecessary | Best patient acceptance |

The Revolution for dental offices incorporating dental surgery | Includes all bone growth factors | Membrane unnecessary | Right consistency and processing when placing the dentin graft | Available international studies



STEP BY STEP



Cleaning



Grinding procedure
3 seconds
(preset)



Produced particulate
after sorting procedure
(preset)



Preparation with
Cleanser® & PBS
in < 6 minutes



Placing the
dentin graft



Smart Grinder GENESIS Complete Kit

- 1 x Smart Grinder GENESIS Basic Device
 - 6 x Disposable Grinding Chambers
 - 6 x Particulate Containers
 - 6 x Cleanser 5 ml
 - 6 x PBS (Phosphate Buffered Saline) 5 ml
- REF 4300G**

Smart Grinder GENESIS

- 1 x Smart Grinder GENESIS Basic Device
- REF 4301G**



Disposable Chamber Kit

- 6 x Disposable Chambers
 - 6 x Particulate Containers
 - 6 x Cleanser 5 ml
 - 6 x PBS (Phosphate Buffered Saline) 5 ml
- REF 4302**





Cleanser Kit

6 x Cleanser 5 ml

6 x PBS (Phosphate Buffered Saline) 5 ml

REF 43041

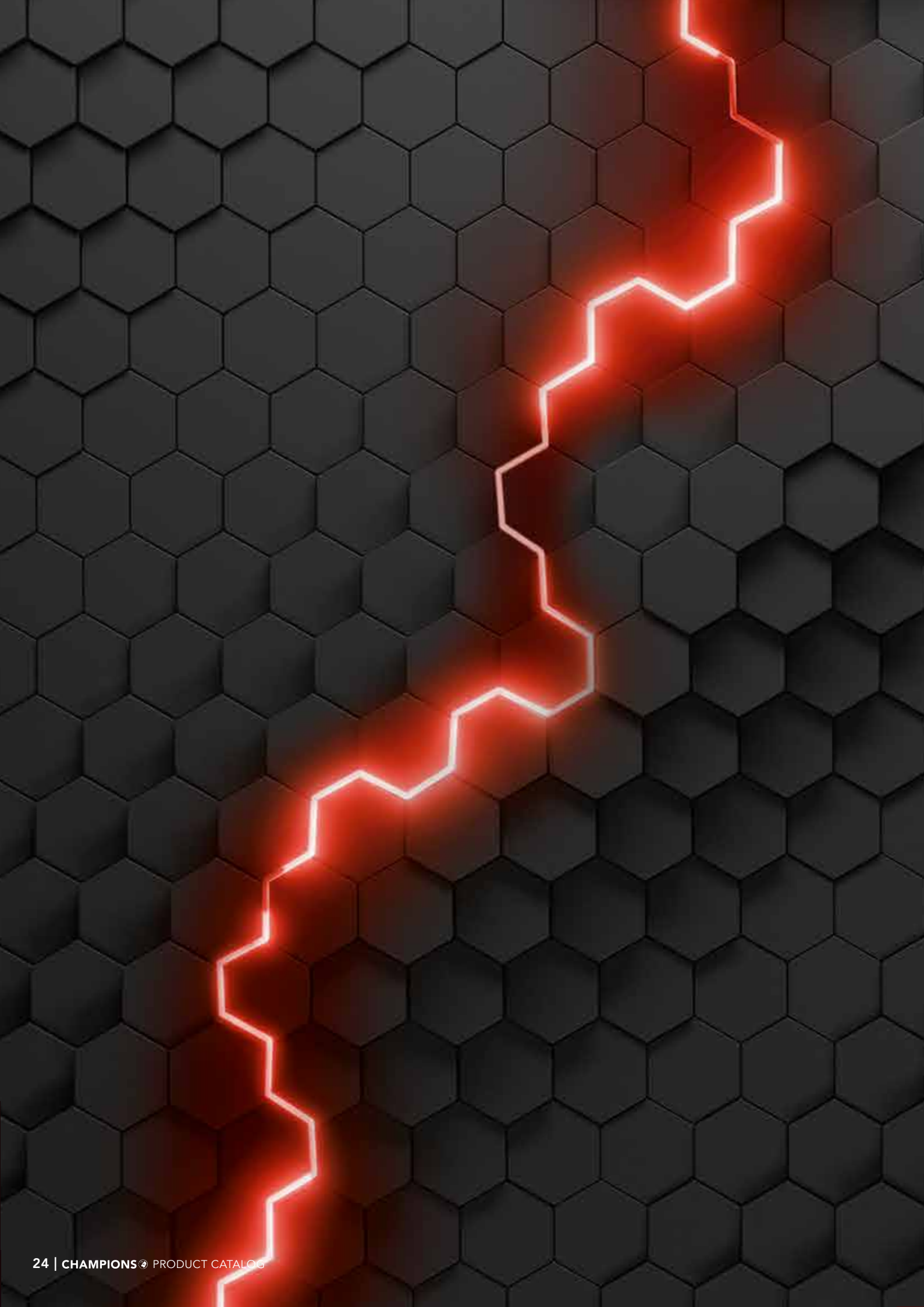


Dentin Graft Accelerator

6 x EDTA 5 ml

REF 4304





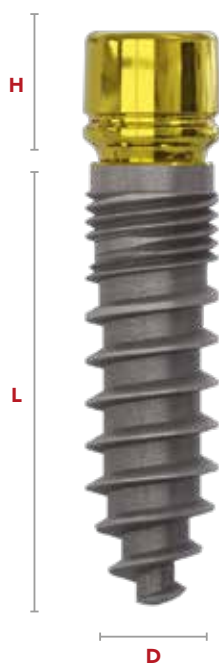
CHAMPIONS (R)EVOLUTION

– Surgery & Prosthodontics –



Champions (R)Evolution

The Champions (R)Evolution implant is a rotation-symmetric endosseous two-piece implant made from grade 4 titanium, suitable for a minimally invasive insertion using the MIMI insertion protocol. Supplied with a factory-fitted Shuttle and a Screw, the implant can be placed in all maxillary and mandibular bone quality types (D1–D4), with and without augmentation.



Diameter	Length	Height	REF
3.5 mm	6.5 mm	3.5 mm	0800
	8.0 mm	3.5 mm	0815
	10.0 mm	3.5 mm	0830
	12.0 mm	3.5 mm	0845
	14.0 mm	3.5 mm	0860
4.0 mm	16.0 mm	3.5 mm	0875
	6.5 mm	3.5 mm	0802
	8.0 mm	3.5 mm	0817
	10.0 mm	3.5 mm	0832
	12.0 mm	3.5 mm	0847
4.5 mm	14.0 mm	3.5 mm	0862
	16.0 mm	3.5 mm	0877
	6.5 mm	3.5 mm	0805
	8.0 mm	3.5 mm	0820
	10.0 mm	3.5 mm	0835
5.0 mm	12.0 mm	3.5 mm	0850
	14.0 mm	3.5 mm	0865
	16.0 mm	3.5 mm	0880
	6.5 mm	3.5 mm	0807
	8.0 mm	3.5 mm	0822
5.5 mm	10.0 mm	3.5 mm	0837
	12.0 mm	3.5 mm	0852
	14.0 mm	3.5 mm	0867
	16.0 mm	3.5 mm	0882
	6.5 mm	3.5 mm	0810
6.0 mm	8.0 mm	3.5 mm	0825
	10.0 mm	3.5 mm	0840
	12.0 mm	3.5 mm	0855
	14.0 mm	3.5 mm	0870
	16.0 mm	3.5 mm	0885

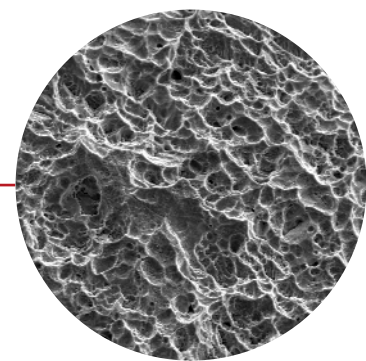
Internal cone of 9.5° and excellent bacteria-resistant implant/ abutment connection

(Zipprich-Study of the University of Frankfurt)

Shuttle with 4 functions all-in-one:

- Insertion Aid
- Cover Screw
- Healing Abutment
- Impression Coping

Crestal micro-thread for adequate primary stability



Champions surface – one of the best!

(Study Dr. Duddeck, University Clinic in Cologne)

Grade 4 titanium
99 % titanium



Hybrid Screws



Hybrid Screw Georgi GH 0.5

Georgi GH 0.5 is used if there is a Gingival Height of < 2mm or for a submerged implant.

There is no gingiva-forming as the Gingiva-Shuttle with the Gingiva-Clix can be fitted under local anesthesia after 8 weeks at the earliest.

As a rule an exposure of the implant is necessary.

Load-free healing: there are no lateral shear forces on the implant.

ø 3.5 mm, Height: 0.5 mm

Maximum torque: 15 Ncm

Material: grade 5 titanium

REF: 30851

Hybrid Screws Georgi GH 1.5 and Georgi GH 2.5 can be used instead of the Shuttle in cases of a small Gingival Height of < 4 mm or a submerged implant. For using the Hybrid Screws, care should be taken to remove the small Screw and the Shuttle before.

ø 3.9 mm

Height from the implant platform

Maximum torque: 15 Ncm

Material: grade 5 titanium



Georgi GH 1.5



Georgi GH 2.5

	Georgi GH 1.5	Georgi GH 2.5
Diameter	3.9 mm	3.9 mm
Height	1.5 mm	2.5 mm
REF	30853	30854

Named after Georgi Aleksandrov, a Champions user who has launched the development of Hybrid Screws.



PLACEMENT ACCORDING TO GINGIVAL HEIGHTS:

Georgi GH 0.5

Georgi GH 1.5

Georgi GH 2.5

Shuttle GH 3.5



Insertion Aids

Insertion Aids

Insertion Aids are used for placing Champions (R)Evolution implants with or without Shuttle. The implants can be inserted either with the Torque Wrench and the Insertion Aids (short: REF 30631, long: REF 30632) or with a micromotor and the Insertion Aid HP-Connection (REF 3063). With the Insertion Aids HP-Connection Ricci III and Ricci IV (REF 30637, 30638, and 30639), the Champions (R)Evolution implants with the removed Shuttle are inserted. During the final insertion procedure, make sure that one of the two slots (encircled in red) is in the buccal or mesial position.

Laser markings (LM) measured from the implant platform

Material: stainless steel



	HP-Connection Champions (R)Evolution® (insertion with Shuttle) max. torque wrench Handpiece without Hex: 50 Ncm	HP-Connection Champions (R)Evolution® (insertion with Shuttle) max. torque wrench with Handpiece without Hex: 50 Ncm	Champions (R)Evolution® short "Ricci I"	Champions (R)Evolution® long "Ricci II"	Champions (R)Evolution® 2 short "Ricci III", LM: 2/4/6 (with removed Shuttle)	Champions (R)Evolution® 2 lang "Ricci IV", LM: 2/4/6 (with removed Shuttle)
--	--	---	---	---	---	---

Diameter	2.8 mm	2.8 mm	2.8 mm	2.8 mm	2.8 mm	2.8 mm
Length	12.0 mm	17.0 mm	10.0 mm	20.0 mm	15.0 mm	25.0 mm
REF	3063	30637	30631	30632	30638	30639

* Named after the French dentist Dr. Jean-Paul Ricci (Marseille)

Torque Wrench Adapter

The Torque Wrench Adapter for the Torque Wrench is positioned on the Insertion Aids with HP-Connection (REF 3063 and 30637). For soft bone (sinus site), the Torque Wrench Adapter is also positioned on all Drills or HP-Condensers.

Ø 4.7 mm | L 3.7 mm

Material: stainless steel

REF 3061





Insertion Aid Multi-Unit

Tool for screwing Abutments
Multi-Unit on the Champions
(R)Evolution® implants
Ø 4.9 mm | L 13.0 mm
Material: stainless steel

REF 3062

Positioning Aid Multi-Unit

REF 31140

Prosthetic Driver/Screwdriver

Tool for removing or inserting
the Screws
Material: stainless steel



**Prosthetic Driver
short**

**Prosthetic Driver
long**

**Prosthetic Driver
HP-Connection, short**

Diameter

1.9 mm

1.9 mm

1.9 mm

Length

14.0 mm

21.0 mm

15.0 mm

REF

30861

3086

30862

Shuttle-Extractor

Tool for removing the Gingiva-Shuttle. In order to remove the Shuttle from the implant, screw the Shuttle-Extractor clockwise. Use a Torque Wrench only when you are not able to manually remove the Shuttle.

Material: stainless steel



	Shuttle-Extractor short	Shuttle-Extractor long
Diameter	1.9 mm	1.9 mm
Length	20.0 mm	25.0 mm
REF	3087	3087L

Rescue Tool

Tool for removing the Screw when the screw head is defective. Screw the Rescue Tool counterclockwise in order to remove the Screw. **In case of fractures of the Screw, you can ask for a free set.**

Material: stainless steel



	Rescue Tool short	Rescue Tool long
Diameter	3.4 mm	3.4 mm
Length	10.0 mm	18.0 mm
REF	3064	30641

Prep-Caps

Prep-Caps with widened collar

Prep-Caps with widened collar can be optionally used for correcting insertion divergences on all Champions Square one-piece implants as well as on Champions (R)Evolution implants – only in combination with an Abutment Prep-Cap REF 3107.

Material: see chart

Explanation of numbers: see chart



-2/+2 (0°)

-2/+2 (10°)

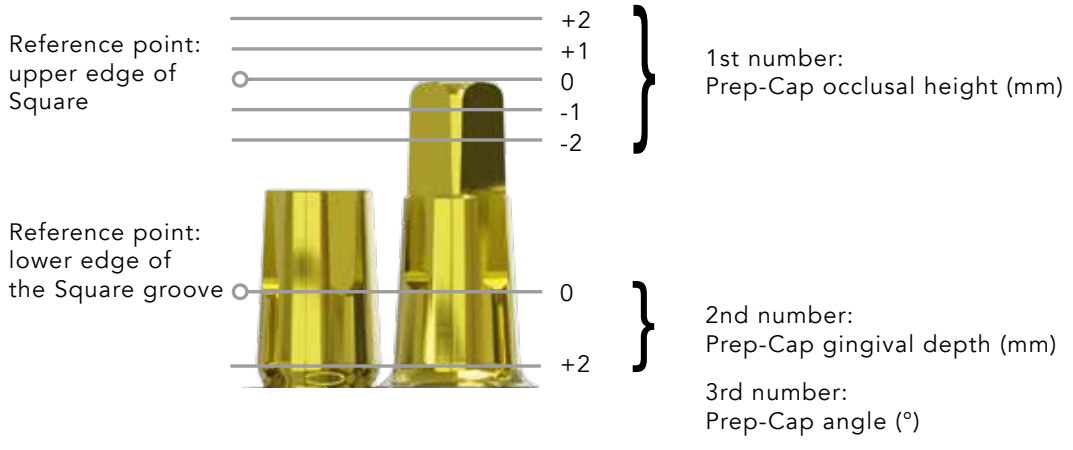
+1/0 (5°)

+2/+2 (0°)

+2/+2 (10°)

Diameter	5.4 mm	5.4 mm	5.4 mm	5.4 mm	5.4 mm
Height	5.0 mm	5.9 mm	6.9 mm	9.0 mm	9.0 mm
REF	4000	4010	4020	4030	4040
Material	Zirconia				

Prep-Caps allow for correcting insertion divergences and widening clinical crowns. For this purpose, the Prep-Cap is cemented on the implant or on the Champions (R)Evolution® Abutment. Hard cement (RelyX Unicem, Ketac Cem [3M Espe], or a similar hard substance) is recommended.



Diameter	5.4 mm	5.4 mm	5.4 mm	5.4 mm	5.4 mm
Height	5.0 mm	5.9 mm	6.9 mm	9.0 mm	9.0 mm
REF	4050	4060	4070	4080	4090
Material	Grade 5 titanium				

Prep-Caps without widened collar

Prep-Caps without widened collar can be optionally used for correcting insertion divergences on all Champions Square one-piece implants as well as on Champions (R)Evolution implants - only in combination with an Abutment Prep-Cap REF 3107.

Material: zirconia

Explanation of numbers: see chart (page 35)



	For anterior region		For posterior region		For anterior and posterior regions		For the molar region	
	+2/+2 (0°) F	+5/+2 (0°) F	+3/+2 (0°) S	+5/+2 (0°) S	+1/0 (5°)	+2/+2 (10°)	+3/0 (0°) M	+1/+2 (0°) M
Diameter	4.2/4.4 mm	4.2/4.4 mm	5.0/6.0 mm	5.0/6.0 mm	5.4 mm	5.4 mm	5.8/8.8 mm	5.8/8.8 mm
Height	8.0 mm	11.0 mm	9.0 mm	11.0 mm	6.9 mm	9.0 mm	8.8 mm	8.8 mm
REF	4036	4037	4038	4039	4020os	4040os	4043	4044

Healing Abutments

Gingiva-Clix

Allows for widening the emergence profile.

For this purpose, the Gingiva-Clix is clicked on the Gingiva-Shuttle (Ø 3.5 mm). Important: in order to prevent lateral shear forces and micromovements on the implant within 2-8 weeks after surgery, the Gingiva-Shuttle (including the Gingiva-Clix) should not extend greatly from the gingiva.

Indication of height from the implant platform

Material: Peek Classix (poly-ether-ether-ketone: high-performance plastic without causing allergies)



+1/+1 widens the Shuttle diameter to 2 mm, increases the height to about 0.6 mm	+1/+3 widens the Shuttle diameter to 2 mm, increases the height to about 1.9 mm	+1/+5 widens the Shuttle diameter to 2 mm, increases the height to about 3.9 mm	+2/+1 widens the Shuttle diameter to 4 mm, increases the height to about 0.6 mm	+2/+3 widens the Shuttle diameter to 4 mm, increases the height to about 1.9 mm	+2/+5 widens the Shuttle diameter to 4 mm, increases the height to about 3.9 mm
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Diameter	5.5 mm	5.5 mm	5.5 mm	7.5 mm	7.5 mm	7.5 mm
Height	4.4 mm	5.4 mm	7.4 mm	4.4 mm	5.4 mm	7.4 mm
REF	31001	31003	31005	31011	31013	31015



Provi-Clix

For setting on the Gingiva-Shuttle.

Allows for a quick and easy connection to the temporary denture in case of an immediate restoration of a Champions (R)Evolution implant.

Indication of height from the implant platform

Material: Peek Classix (poly-ether-ether-ketone: high-performance plastic without causing allergies)



Provi-Clix 0°

Provi-Clix 15°

Diameter

5.8 mm

5.8 mm

Height

11.2 mm

12.0 mm

REF







3100P

3100PO



Healing Abutment "Quasi-Georgi"

"Quasi-Georgis" allow for widening the emergence profile. For this purpose, the Healing Abutment is inserted in the implant by means of a Prosthetic Driver (REF 30861/3086). Important: in order to prevent lateral shear forces and micromovements on the implant within 2-8 weeks after surgery, the "Quasi-Georgis" are used only after the healing of the implants.

						
	+1/+1	+1/+3	+1/+5	+2/+1	+2/+3	+2/+5
Diameter	5.5 mm	5.5 mm	5.5 mm	7.5 mm	7.5 mm	7.5 mm
Height	4.0 mm	5.5 mm	7.5 mm	4.0 mm	5.5 mm	7.5 mm
REF	3100G01	3100G03	3100G05	3100G06	3100G08	3100G10

Quasi-Georgis were named after the dentist and CIPC (Curriculum) Main-Supervisor Gerhard Quasigroch and the dentist Georgi Aleksandrov.



Standard Abutments

Standard Abutments

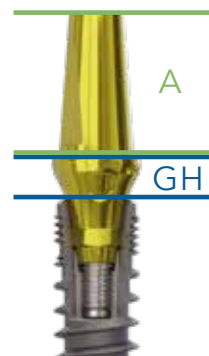
Ready-made abutments available in Gingival Heights (GH) of 1 mm to 5 mm. They come in straight and angulated at 15°, 22.5°, and 30°.

GH = Gingival Height, A = Abutment

Maximum torque: 30 Ncm

Material: grade 5 titanium

The corresponding Screw (REF 3085) must be purchased separately.



 <p>Adhesive GH1 Ø 4.0 mm GH 1.0 mm A 4.7 mm</p> <p>3104</p>	 <p>Adhesive L GH1 Ø 4.0 mm GH 1.0 mm A 6.7 mm</p> <p>31043</p>	 <p>Adhesive GH2 Ø 4.0 mm GH 2.0 mm A 4.7 mm</p> <p>31044</p>
 <p>Adhesive GH3 Ø 4.0 mm GH 3.0 mm A 4.7 mm</p> <p>31045</p>	 <p>Abutment Prep-Cap Ø 3.3 mm GH 1.0 mm A 4.1 mm</p> <p>3107</p>	

0°

	 <p>0° GH1 Ø 4.3 mm GH 1.0 mm A 7.0 mm</p> <p>3105</p>	 <p>0° GH2 Ø 4.3 mm GH 2.0 mm A 7.0 mm</p> <p>3105.2</p>
 <p>0° GH3 Ø 4.3 mm GH 3.0 mm A 7.0 mm</p> <p>31050</p>	 <p>0° GH4 Ø 4.3 mm GH 4.0 mm A 7.0 mm</p> <p>310504</p>	 <p>0° GH5 Ø 4.3 mm GH 5.0 mm A 7.0 mm</p> <p>310505</p>

15°



15° GH1
Ø 4.3 mm
GH 1.0 mm
A 7.6 mm

31051F1



15° GH2
Ø 4.3 mm
GH 2.0 mm
A 7.6 mm

31051F2



15° GH3
Ø 4.3 mm
GH 3.0 mm
A 7.6 mm

31051F3



15° GH4
Ø 4.3 mm
GH 4.0 mm
A 7.6 mm

31051F4



15° GH5
Ø 4.3 mm
GH 5.0 mm
A 7.6 mm

31051F5

22.5°



22.5° GH1
Ø 4.3 mm
GH 1.0 mm
A 7.6 mm

31052F1



22.5° GH2
Ø 4.3 mm
GH 2.0 mm
A 7.6 mm

31052F2



22.5° GH3
Ø 4.3 mm
GH 3.0 mm
A 7.6 mm

31052F3



22.5° GH4
Ø 4.3 mm
GH 4.0 mm
A 7.6 mm

31052F4



22.5° GH5
Ø 4.3 mm
GH 5.0 mm
A 7.6 mm

31052F5

30°



30° GH1
Ø 4,3 mm
GH 1,0 mm
A 7,6 mm

31053F1



30° GH2
Ø 4,3 mm
GH 2,0 mm
A 7,6 mm

31053F2



30° GH3
Ø 4,3 mm
GH 3,0 mm
A 7,6 mm

31053F3



30° GH4
Ø 4,3 mm
GH 4,0 mm
A 7,6 mm

31053F4



30° GH5
Ø 4,3 mm
GH 5,0 mm
A 7,6 mm

31053F5

Solid Abutments (Hexadapter)

Both straight and 15°-angle Abutments are available in Gingival Heights (GH) of 2 mm, 4 mm, and 6 mm and can be reshaped.













GH = Gingival Height, A = Abutment

Maximum torque: 30 Ncm

Material: titanium grade 5

Screw this Abutment with the corresponding Screw (REF 3085); this Screw must be purchased separately.



0°	 <p>1 GH2 Ø 6.0 mm GH 2 mm A 6 mm</p> <p>31171</p>	 <p>1L GH2 Ø 6.0 mm GH 2 mm A 11 mm</p> <p>31172</p>	
	 <p>2 GH4 Ø 6.0 mm GH 4 mm A 4 mm</p> <p>31173</p>	 <p>2L GH4 Ø 6.0 mm GH 4 mm A 9 mm</p> <p>31174</p>	 <p>3L GH6 Ø 6.0 mm GH 6 mm A 7 mm</p> <p>31175</p>
	 <p>4 GH2 Ø 5.0/7.0 mm GH 2 mm A 6 mm</p> <p>31176</p>	 <p>4 GH4 Ø 5.0/7.0 mm GH 4 mm A 9 mm</p> <p>31177</p>	
15°	 <p>1 GH2 15° Ø 6.0 mm GH 2 mm A 6 mm</p> <p>31171A</p>	 <p>1L GH2 15° Ø 6.0 mm GH 2 mm A 11 mm</p> <p>31172A</p>	
	 <p>2 GH4 15° Ø 6.0 mm GH 4 mm A 4 mm</p> <p>31173A</p>	 <p>2L GH4 15° Ø 6.0 mm GH 4 mm A 9 mm</p> <p>31174A</p>	 <p>3L GH6 15° Ø 6.0 mm GH 6 mm A 7 mm</p> <p>31175A</p>

Solid Abutments (thread)

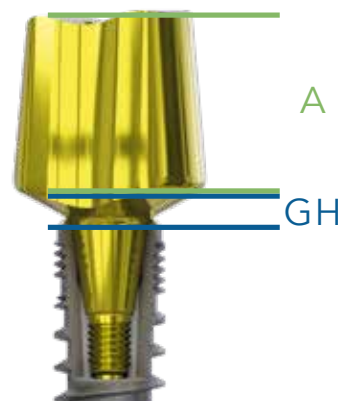
With or without a widened collar, the Abutments are available in Gingival Heights (GH) of 2 mm, 4 mm, and 6 mm and allow for reshaping. After taking the impression, the Abutments should not be removed anymore.

For preparation in site.

GH = Gingival Height, A = Abutment

Maximum torque: 30 Ncm

Material: grade 5 titanium



Screw these Abutments with the Prosthetic Driver.

<p>0° without a widened collar</p>	 <p>1 GH2 Ø 6.0 mm GH 2 mm A 6 mm 31171B</p>	 <p>1L GH2 Ø 6.0 mm GH 2 mm A 11 mm 31172B</p>
	 <p>2 GH4 Ø 6.0 mm GH 4 mm A 4 mm 31173B</p>	 <p>2L GH4 Ø 6.0 mm GH 4 mm A 9 mm 31174B</p>

<p>0° with a widened collar</p>	 <p>1 GH2 Ø 6.0 mm GH 2 mm A 6 mm 31171S</p>	 <p>1L GH2 Ø 6.0 mm GH 2 mm A 9 mm 31172S</p>
	 <p>2 GH4 Ø 6.0 mm GH 4 mm A 4 mm 31173S</p>	 <p>2L GH4 Ø 6.0 mm GH 4 mm A 9 mm 31174S</p>

Ball-Head Abutments

Ready-made abutments available in Gingival Heights (GH) of 1 mm to 5 mm.

GH = Gingival Height, A = Abutment

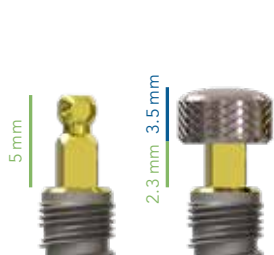
Maximum torque: 30 Ncm

Material: grade 5 titanium

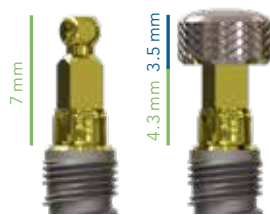
The Abutment Ball-Head is screwed with REF 3040 or 3060 (Insertion Aid). A Screw is not necessary.



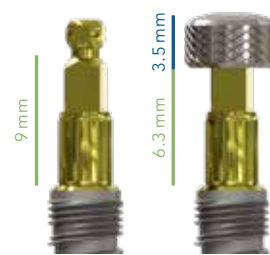
 <p>Ball-Head GH1 Ø 2.9 mm GH 1 mm A 4 mm 3106</p>	 <p>Ball-Head GH3 Ø 2.9 mm GH 3 mm A 4 mm 31060</p>	 <p>Ball-Head GH5 Ø 2.9 mm GH 5 mm A 4 mm 31061</p>
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Full height + Matrix height
Ball-Head GH1



Full height + Matrix height
Ball-Head GH3



Full height + Matrix height
Ball-Head GH5

Preform-Abutments

 <p>Abutment Preform ME-S for CAD/CAM The connection is compatible with the MEDENTiKA®-base Ø 11.5 mm 31072</p>	 <p>Abutment Preform ME-L for CAD/CAM The connection is compatible with the MEDENTiKA®-base Ø 16.0 mm 31073</p>
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Construction software for exocad and 3shape is available on our HP for downloading.

CEREC-Abutments

With Champions CEREC-Abutments, you remain in the regular, digital CEREC-workflow and fabricate individual Abutments chairside. For this purpose, the C-Scan-Abutment CEREC serves as scanbody for the intraoral and extraoral scan.

The C-Adhesive Base CEREC and the C-Scan-Abutment CEREC are provided in a coronal position with the CEREC Ti-Basis L-geometry and in an apical position with the Champions (R)Evolution connection geometry.

The C-Adhesive Base CEREC can be used, although it is not listed in the CEREC-Library.

For full integration, see set of data NANP NB A 4.5L.

The C-Adhesive Base CEREC or C-Scan-Abutment CEREC is screwed with the Champions (R)Evolution implant and provided with the scanbody CEREC for scanning. After scanning, you can start with the digital construction.

C-Adhesive Base CEREC is available in Gingival Heights (GH) 1 mm and 5 mm.

GH = Gingival Height, A = Abutment

Maximum torque: 30 Ncm

Material: grade 5 titanium

The corresponding Screw (REF. 3085) must be purchased separately.

Data: NANP NB A4.5L



 <p>C-Adhesive Base CEREC L-Block GH1 Ø 4.5 mm GH 1 mm A 4.65 mm</p> <p>31041</p>	 <p>C-Adhesive Base CEREC L-Block GH2 Ø 4.5 mm GH 2 mm A 4.65 mm</p> <p>310412</p>	 <p>C-Adhesive Base CEREC L-Block GH3 Ø 4.5 mm GH 3 mm A 4.65 mm</p> <p>310421</p>
 <p>C-Adhesive Base CEREC L-Block GH4 Ø 4.5 mm GH 4 mm A 4.65 mm</p> <p>310422</p>	 <p>C-Adhesive Base CEREC L-Block GH5 Ø 4.5 mm GH 5 mm A 4.65 mm</p> <p>310423</p>	 <p>C-Scan-Abutment CEREC L-Block Ø 4.5 mm GH 5.5 mm A 4.65 mm</p> <p>31232</p>

ICA-Abutments and -Caps

ICA-Abutments

For fabricating an individual hybrid Abutment. The titanium adhesive base is equipped with longitudinal grooves so that the zirconia 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 water turbine, and the hybrid Abutment can be bonded.

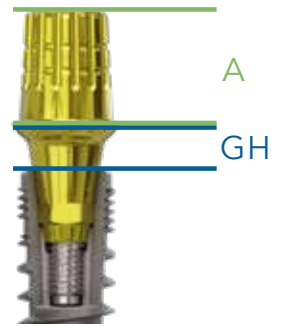
Indication of Gingival Height from the implant platform

Maximum torque: 30 Ncm

Material: grade 5 titanium

The corresponding Screw (REF 3085) must be purchased separately.

The ICA-Abutments are available in the Champions-libraries of 3shape and exocad and can be downloaded at our Champions website.



 <p>ICA GH1 Bonding base Ø 4.6 mm GH 1 mm A 4.7 mm</p> <p>3102</p>	 <p>ICA GH2 Bonding base Ø 4.6 mm GH 2 mm A 4.7 mm</p> <p>31021</p>
 <p>ICA GH3 Bonding base Ø 4.6 mm GH 3 mm A 4.7 mm</p> <p>31020</p>	 <p>Bonding Base Pack of 5 Material: plastic Ø 2.1 mm Height 20 mm</p> <p>7000</p>



ICA-Caps

Used for fabricating an individual hybrid Abutment with the titanium ICA-Abutment.
Available in Gingival Heights (GH) of 1 mm, 3 mm, and 5 mm as well as in straight and 15° and 22° angled ICA-Caps.

Material: zirconia



For the anterior region

	0° GH1 F	0° GH3 F	15° GH3 F	15° GH3 FL	15° GH5 F	22° GH3 F	22° GH3 FL
Diameter	5.0/6.0 mm	5.0/6.0 mm	5.0/6.0 mm	6.0/7.0 mm	5.0/6.0 mm	5.0/6.0 mm	6.0/7.0 mm
Height	9.0 mm	11.0 mm	11.0 mm	11.0 mm	11.0 mm	11.0 mm	11.0 mm
REF	7001F	7003F	7153F	7153FL	7155F	7223F	7223FL



For the posterior region

	0° Telescope	0° GH1 S	0° GH1-M Molar	0° GH1-P Premolar	0° GH3 S	0° GH5 S	15° GH3 S	15° GH3 SL	15° GH5 S
Diameter	6.5/7.5 mm	6.0/7.0 mm	6.0/7.0 mm	6.0 mm	6.0/7.0 mm	6.0/7.0 mm	6.0/7.0 mm	7.0/8.0 mm	6.0/7.0 mm
Height	11.0 mm	9.0 mm	7.0 mm	7.0 mm	11.0 mm	11.0 mm	11.0 mm	11.0 mm	11.0 mm
REF	7005TK	7001S	7001M	7001P	7003S	7005S	7153S	7153SL	7155S

ICA-Sample Box

Including 14 sample ICA-Caps for the anterior and posterior regions. With the sample, dental technicians can choose the corresponding ICA-Cap for their model.

Box material: plastic

Supplied without ICA-Abutments

REF: 7001



Multi-Unit

The Multi-Unit Abutment system has been designed to allow for maximum multi-functionality and to optimize esthetic screw-retained multiple-unit restorations as well as complete restorations.

Featuring a small vertical height, the Abutments are available in Gingival Heights (GH) of 1 mm to 5 mm as well as in straight and 17° and 30° angled Abutments.

GH = Gingival Height, A = Abutment

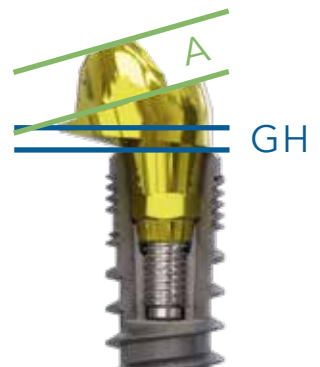
Maximum torque: 30 Ncm

Material: grade 5 titanium

The corresponding Screws (REF 3085) and Screws Multi-Unit (REF 3085M) must be purchased separately.

For REF 3108/31082/30183/31084/31085, only the Screw Multi-Unit 3085M must be purchased.

Multi-Unit systems are available in the Champions-libraries of 3shape and exocad and can be downloaded at the Champions website.



0°	 0° GH1 with Screw Ø 5.2 mm GH 1 mm A 2 mm 3108	 0° GH2 with Screw Ø 5.2 mm GH 2 mm A 2 mm 31082
	 0° GH3 with Screw Ø 5.2 mm GH 3 mm A 2 mm 31083	 0° GH4 with Screw Ø 5.2 mm GH 4 mm A 2 mm 31084

These Abutments are inserted with the Insertion Aid Multi-Unit REF 3062



17°

	 <p>17° GH1 Ø 5.2 mm GH 1 mm A 2 mm</p> <p>3109</p>	 <p>17° GH2 Ø 5.2 mm GH 2 mm A 2 mm</p> <p>31092</p>
 <p>17° GH3 Ø 5.2 mm GH 3 mm A 2 mm</p> <p>31093</p>	 <p>17° GH4 Ø 5.2 mm GH 4 mm A 2 mm</p> <p>31094</p>	 <p>17° GH5 Ø 5.2 mm GH 5 mm A 2 mm</p> <p>31095</p>

30°

	 <p>30° GH1 Ø 5.2 mm GH 1 mm A 2 mm</p> <p>3110</p>	 <p>30° GH2 Ø 5.2 mm GH 2 mm A 2 mm</p> <p>31102</p>
 <p>30° GH3 Ø 5.2 mm GH 3 mm A 2 mm</p> <p>31103</p>	 <p>30° GH4 Ø 5.2 mm GH 4 mm A 2 mm</p> <p>31104</p>	 <p>30° GH5 Ø 5.2 mm GH 5 mm A 2 mm</p> <p>31105</p>



Multi-Unit Accessories



Multi-Unit LOC® **Protection Cap/Tool "ArPeRol" for closed impression Multi-Unit** **Screw Multi-Unit (for Cap/LOC/Protection Cap)** **Positioning Aid** **Insertion Aid Multi-Unit**

Diameter	5.2 mm	5.2 mm	–	–	4.9 mm
Height	5.0 mm	6.2 mm	–	–	13.0 mm
REF	3113	31106	3085M	31140	3062

Multi-Unit Cap

Rotational or rotation-proof
Material: titanium or POM (can be calcined)



Rotational

Rotation-proof

	Titanium	Titanium incl. Screw	POM	POM incl. Screw	Titanium	Titanium incl. Screw
Diameter	5.2 mm	5.2 mm	5.2 mm	5.2 mm	5.2 mm	5.2 mm
Height	12.9 mm	12.9 mm	12.9 mm	12.9 mm	12.9 mm	12.9 mm
REF	3111	31110	3112	31120	3111R	3111R1





LOC Locator

The Champions LOC are used to fasten a removable denture. Correction of divergences: (without MU Abutment) 15° and 30° between 2 LOC-restored Champions (R)Evolution implants.

Indication of height from the implant platform



	Short GH3*1	Long GH5*1	Multi-Unit LOC*2
Diameter	3.9 mm	3.9 mm	5.2 mm
Height	4.3 mm	6.3 mm	5.0 mm
REF	3143	3144	3113

*1 Screwed with Screw 3085
Maximum torque: 30 Ncm

*2 Screwed with Screw Multi-Unit 3085M
Maximum torque: 30 Ncm

Docklocs

For fixing complete dentures on Locators.

 <p>Docklocs grey HPP Replacement Male No retention, for the long-term restoration and protection, temporarily do not use in the anchoring with included abutments (8 pieces) A0001.S</p>	 <p>Docklocs red HPP Replacement Male Extended, light retention (about 600 g/ 6 N) (8 pieces) A0005.S</p>	 <p>Docklocs orange HPP Replacement Male Extended, medium retention (about 1,000 g/ 10 N) (8 pieces) A0006.S</p>
 <p>Docklocs green HPP Replacement Male Extended, strong retention (about 1,900 g/ 19 N) (8 pieces) A0007.S</p>	 <p>Universal Instrument Two-piece A0019</p>	 <p>HPP Laboratory Set Up to 40° divergence correction 2 x Retention Housings (Ø 5.5 mm, height 2.5 mm) with black process insert (height 1.9 mm) 2 x Block-out ring 2 x Replacement Male, green 2 x Replacement Male, orange 2 x Replacement Male, red A0051.S.T.</p>

Matrices

For fixing complete dentures on Ball-Head Abutments.



**MMT
incl. O-Ring
red-brown**
Material:
stainless steel

**MMT
incl. O-Ring blue**
Material:
stainless steel

O-Ring for MMT
Black: strong
retention
Pack of 4
Material: silicone

O-Ring for MMT
Red-brown: regular
retention
Pack of 4
Material: silicone

O-Ring for MMT
Blue: weak retention
Pack of 4
Material: silicone

Diameter	5.1 mm	5.1 mm	–	–	–
Height	2.6 mm	2.6 mm	–	–	–
REF	3130	31301	3150	3160	3170



Laboratory Equipment and Impression



Impression Post and Scanbody Peek
Disposable product, Indication of height from Gingiva-Shuttle
Material: Peek

Impression Post Peek short
J Peek Transfer (Dr. Jérôme Unger)
Disposable product, Indication of height from Gingiva-Shuttle
Material: Peek

Impression Post titanium
Indication of height from Gingiva-Shuttle
Material: grade 5 titanium

Screw Impression Posts
Material: grade 5 titanium

Impression Post open (blue)
Indication of height from the implant platform
Material: grade 5 titanium

Screw Impression Posts open (blue)
Material: grade 5 titanium

Diameter

4.4 mm

4.4 mm

3.0 mm

–

3.6 mm

–

Height

8.2 mm

4.6 mm

7.0 mm

–

10.0 mm

–

REF

3122

3122K

31220

30850

31224

30858



Impression Coping for Impression Post titanium
Disposable product
Material: Peek

Impression Post-Set titanium
Impression Post titanium, Impression Coping, and long Screw
Maximum torque: 5 Ncm

Impression Post-Set open (blue)
Impression Post open and Screw open

Scan-Abutment
Directly screwed on the Laboratory Analog
Material: grade 4 titanium

Laboratory Analog without Screw
Material: grade 5 titanium

Screw
Material: grade 5 titanium

Diameter

5.5 mm

–

–

–

–

–

Height

4.7 mm

–

–

–

–

–

REF

3116

31221

31225

31230

31210

3085



Gingiva-Shuttle
Indication of height from the implant platform
Material: grade 5 titanium

Laboratory Shuttle
Indication of height from the implant platform
Material: grade 5 titanium

Laboratory Analog incl. Screw
also for the digital model fabrication. CAD/CAM-library on our website
Material: grade 5 titanium

Laboratory Analog-Set
Laboratory Analog, Screw, and Laboratory Shuttle
Material: grade 5 titanium












Diameter	3,6 mm	3,6 mm	–	–
Height	3,5 mm	3,5 mm	–	–
REF	3100	3100L	3121	31218



Planning Guides

For determining the Abutment angle and Gingival Height.



 <p>15° GH2-1 31141</p>	 <p>15° GH3 31142</p>	 <p>15° GH5-4 31143</p>
 <p>22.5° GH2-1 31144</p>	 <p>22.5° GH3 31145</p>	 <p>22.5° GH5-4 31146</p>
 <p>30° GH2-1 31147</p>	 <p>30° GH3 31148</p>	 <p>30° GH5-4 31149</p>
 <p>Positioning Aid 31140</p>	<p>Planning Guide-Set Including all 9 Planning Guides and the Positioning Aid Box material: plastic 3114S</p> 	

Mult-Unit



Multi-Unit Laboratory Analog

Impression Post Multi-Unit
Supplied without Screw

Screw Impression Posts Multi-Unit
For Impression Posts
Maximum torque: 5 Ncm

Impression Post-Set Multi-Unit
Impression Post Multi-Unit and Screw Impression Posts Multi-Unit

Scan-Abutment Multi-Unit
Screwed directly on Multi-Unit Abutments
Material: grade 4 titanium

Diameter

–	4.9 mm	5.2 mm	–	–
---	--------	--------	---	---

Height

–	13.0 mm	8.0 mm	–	–
---	---------	--------	---	---

REF

3114	31222	30852	31223	31231
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DIM-Analog Multi-Unit
(Digital Implant Model Analog)
Implant Analog for the digital model fabrication. CAD/CAM-library on our website
Material: stainless steel/grade 5 titanium

Bonding Base
Pack of 5
Material: plastic

Abutment Holder
Holder for the extra-oral reshaping of Abutments
Material: grade 5 titanium

Diameter

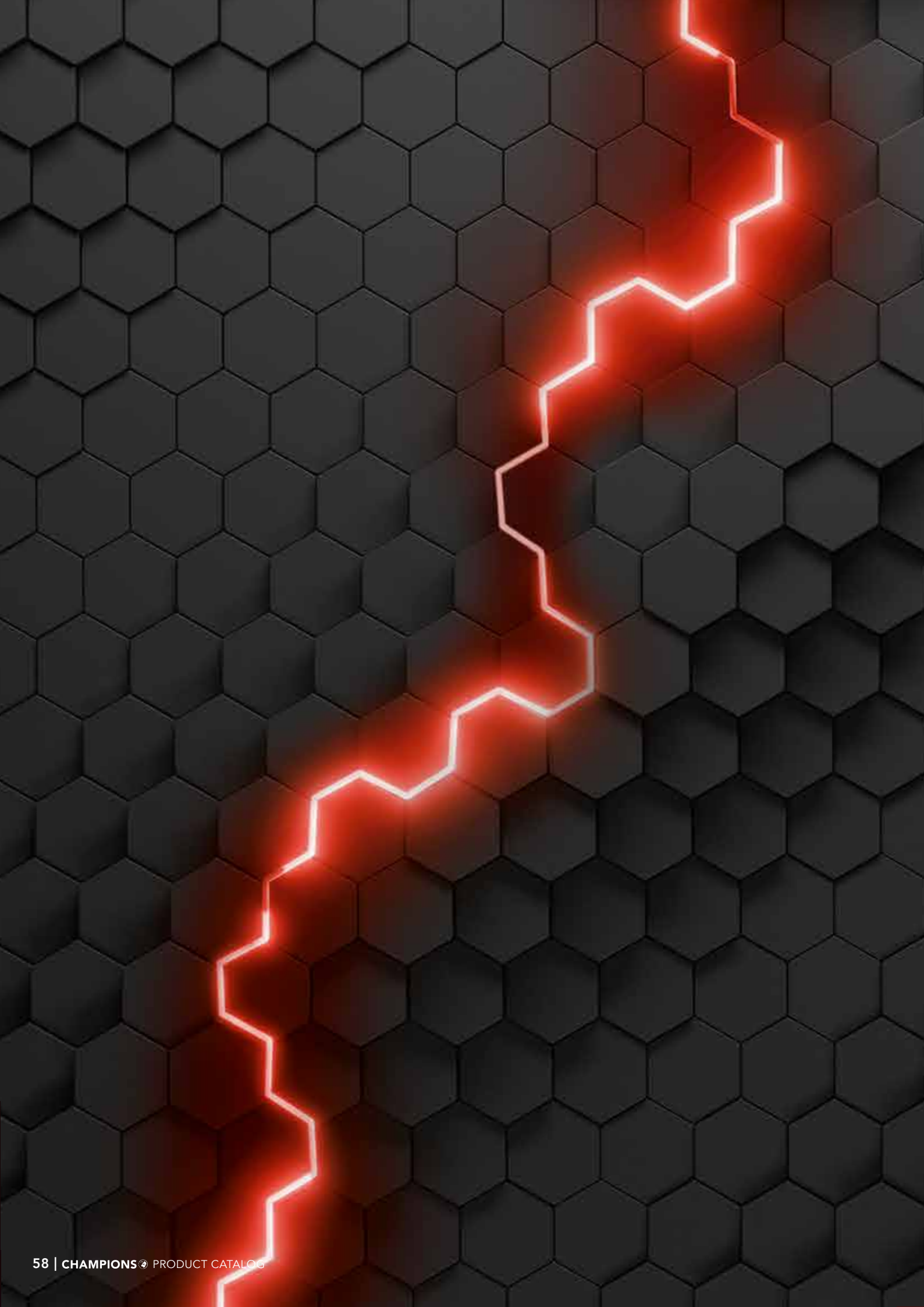
–	2.1 mm	–
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Height

–	20.0 mm	–
---	---------	---

REF

31131	7000	3119
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CHAMPIONS SQUARE

– Surgery & Prosthodontics –



Champions Square

Champions one-piece implants are manufactured with the same grade 4 titanium material as the Champions (R)Evolution® implants. They have the same clean and rough surface. One-piece implants are typically placed in large units in the anterior and posterior regions. They can also be placed in esthetic zones.



Square Classic

Screw-shaped one-piece implant for insertion in the D1 bone in the lower jaw.

Material: grade 4 titanium

Diameter	Length	Height	REF
3.5 mm	8.0 mm	8.1 mm	1005
	10.0 mm	8.1 mm	1025
	12.0 mm	8.1 mm	1055
	14.0 mm	8.1 mm	1095
	16.0 mm	8.1 mm	1135



Square New Art

Screw-shaped parallel-walled one-piece implant, which can be placed in all maxillary and mandibular bone quality types (D1–D4).

Material: grade 4 titanium



Diameter	Length	Height	REF
3.0 mm	10.0 mm	8.0 mm	1015
	12.0 mm	8.0 mm	1040
	14.0 mm	8.0 mm	1080
	16.0 mm	8.0 mm	1120
3.5 mm	6.0 mm	8.1 mm	0900
	8.0 mm	8.1 mm	1000
	10.0 mm	8.1 mm	1020
	12.0 mm	8.1 mm	1050
	14.0 mm	8.1 mm	1090
	16.0 mm	8.1 mm	1130
4.0 mm	6.0 mm	8.25 mm	0902
	8.0 mm	8.25 mm	1007
	10.0 mm	8.25 mm	1027
	12.0 mm	8.25 mm	1057
	14.0 mm	8.25 mm	1097
	16.0 mm	8.25 mm	1137
4.5 mm	6.0 mm	8.6 mm	0910
	8.0 mm	8.6 mm	1010
	10.0 mm	8.6 mm	1030
	12.0 mm	8.6 mm	1060
	14.0 mm	8.6 mm	1100
	16.0 mm	8.6 mm	1140
5.5 mm	6.0 mm	9.2 mm	0920
	8.0 mm	9.2 mm	1012
	10.0 mm	9.2 mm	1035
	12.0 mm	9.2 mm	1070
	14.0 mm	9.2 mm	1110
	16.0 mm	9.2 mm	1150

Insertion Aids

These Insertion Aids are used for placing implants with corresponding external Square connections (Square Champions, Champions Ball-Head as well as Champions (R)Evolution Abutments Ball-Head).

Material: stainless steel



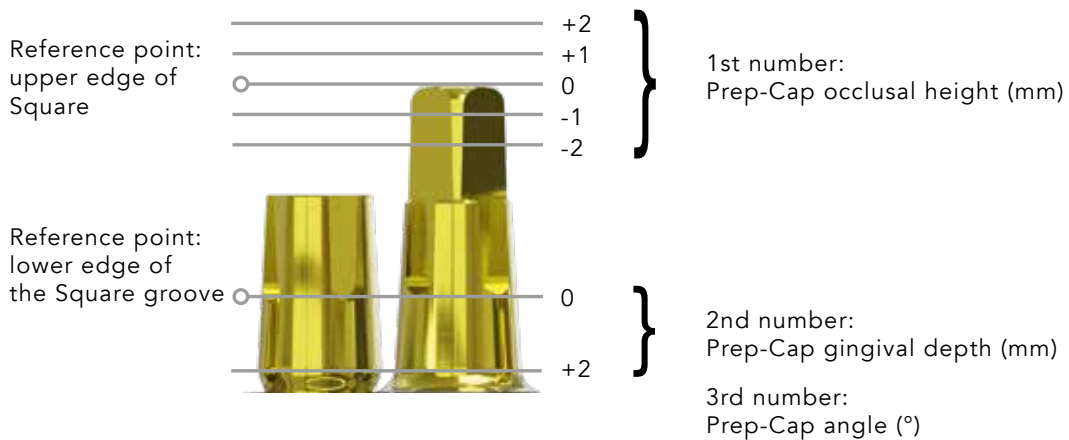
HP-Connection
for external Square connections
max. torque with handpiece without Hex: 50 Ncm

Regular
for external Square connections

Long
for external Square connections

	HP-Connection	Regular	Long
Diameter	4.5 mm	4.5 mm	4.5 mm
Length	7.0 mm	13.0 mm	26.0 mm
REF	3039	3040	3060

Prep-Caps allow for correcting insertion divergences and widening clinical crowns. For this purpose, the Prep-Cap is cemented on the implant or on the Champions (R)Evolution® Abutment. Hard cement (RelyX Unicem, Ketac Cem [3M Espe], or a similar hard substance) is recommended.



Prep-Caps

Prep-Caps with widened collar

Prep-Caps with widened collar can optionally be used for correcting insertion divergences on all Champions Square one-piece implants as well as on Champions (R)Evolution implants – only in combination with an Abutment Prep-Cap REF 3107.



Material: see chart

Explanation of numbers: see chart



-2/+2 (0°) -2/+2 (10°) +1/0 (5°) +2/+2 (0°) +2/+2 (10°)

Diameter	5.4 mm	5.4 mm	5.4 mm	5.4 mm	5.4 mm
Height	5.0 mm	5.9 mm	6.9 mm	9.0 mm	9.0 mm
REF	4000	4010	4020	4030	4040
Material	Zirconia				



-2/+2 (0°) -2/+2 (10°) +1/0 (5°) +2/+2 (0°) +2/+2 (10°)

Diameter	5.4 mm	5.4 mm	5.4 mm	5.4 mm	5.4 mm
Height	5.0 mm	5.9 mm	6.9 mm	9.0 mm	9.0 mm
REF	4050	4060	4070	4080	4090
Material	Grade 5 titanium				

Prep-Caps without widened collar

Prep-Caps without widened collar can optionally be used for correcting insertion divergences on all Champions Square one-piece implants as well as on Champions (R)Evolution implants – only in combination with an Abutment Prep-Cap REF 3107.

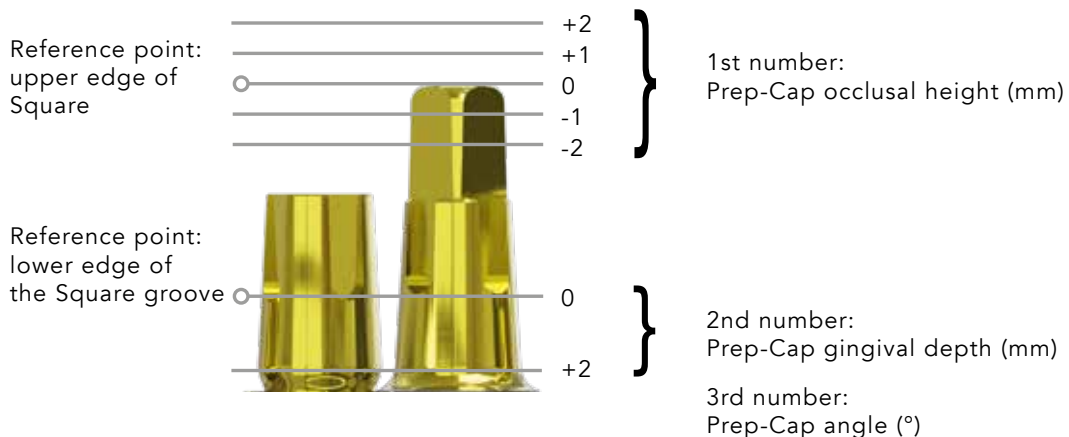
Material: zirconia

Explanation of numbers: see chart



	For anterior region		For posterior region		For anterior and posterior regions		For the molar region	
	+2/+2 (0°) F	+5/+2 (0°) F	+3/+2 (0°) S	+5/+2 (0°) S	+1/0 (5°)	+2/+2 (10°)	+3/0 (0°) M	+1/+2 (0°) M
Diameter	4.2/4.4 mm	4.2/4.4 mm	5.0/6.0 mm	5.0/6.0 mm	5.4 mm	5.4 mm	5.8/8.8 mm	5.8/8.8 mm
Height	8.0 mm	11.0 mm	9.0 mm	11.0 mm	6.9 mm	9.0 mm	8.8 mm	8.8 mm
REF	4036	4037	4038	4039	4020os	4040os	4043	4044

Prep-Caps allow for correcting insertion divergences and widening clinical crowns. For this purpose, the Prep-Cap is cemented on the implant or on the Champions (R)Evolution® Abutment. Hard cement (RelyX Unicem, Ketac Cem [3M Espe], or a similar hard substance) is recommended.



LOC Locator

The Champions LOC are used to fasten a removable denture.
 Correction of divergences: up to 20° for single implants, up to 40° between several implants.
 The LOC must be cemented.



Short

For the LOC short, the Square implant head must be removed above the grooves.

Long

	Short	Long
Diameter	3.9 mm	3.9 mm
Height	4.0 mm	7.0 mm
REF	3141	3142

Docklocs

For fixing complete dentures on Locators.



Docklocs grey
 HPP Replacement Male
 No retention, for the long-term restoration and protection, temporarily do not use in the anchoring with included abutments
 (8 pieces)
A0001.S



Docklocs red
 HPP Replacement Male
 Extended, light retention (about 600 g/ 6 N)
 (8 pieces)
A0005.S



Docklocs orange
 HPP Replacement Male
 Extended, medium retention (about 1,000 g/ 10 N)
 (8 pieces)
A0006.S



Docklocs green
 HPP Replacement Male
 Extended, strong retention (about 1,900 g/ 19 N)
 (8 pieces)
A0007.S



Universal Instrument
 Two-piece
A0019



HPP Laboratory Set
 Up to 40° divergence correction
 2 x Retention Housings (Ø 5.5 mm, height 2.5 mm) with black process insert (height 1.9 mm)
 2 x Block-out ring
 2 x Replacement Male, green
 2 x Replacement Male, orange
 2 x Replacement Male, red
A0051.S.T.

Laboratory Equipment and Impression



Laboratory Analog Square

Impression Coping
Indication:
Gingival Height
> 3 mm
Material: plastic

Preparation Margin Ring for Laboratory Analogs
Aid for preparation margin
20 pieces/pack
Material: silicone

Laboratory Analog LOC Square
Material:
stainless steel

Diameter

-	4.5 mm	-	-
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Height

-	5.0 mm	-	-
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REF

3120	3115	3175	3139
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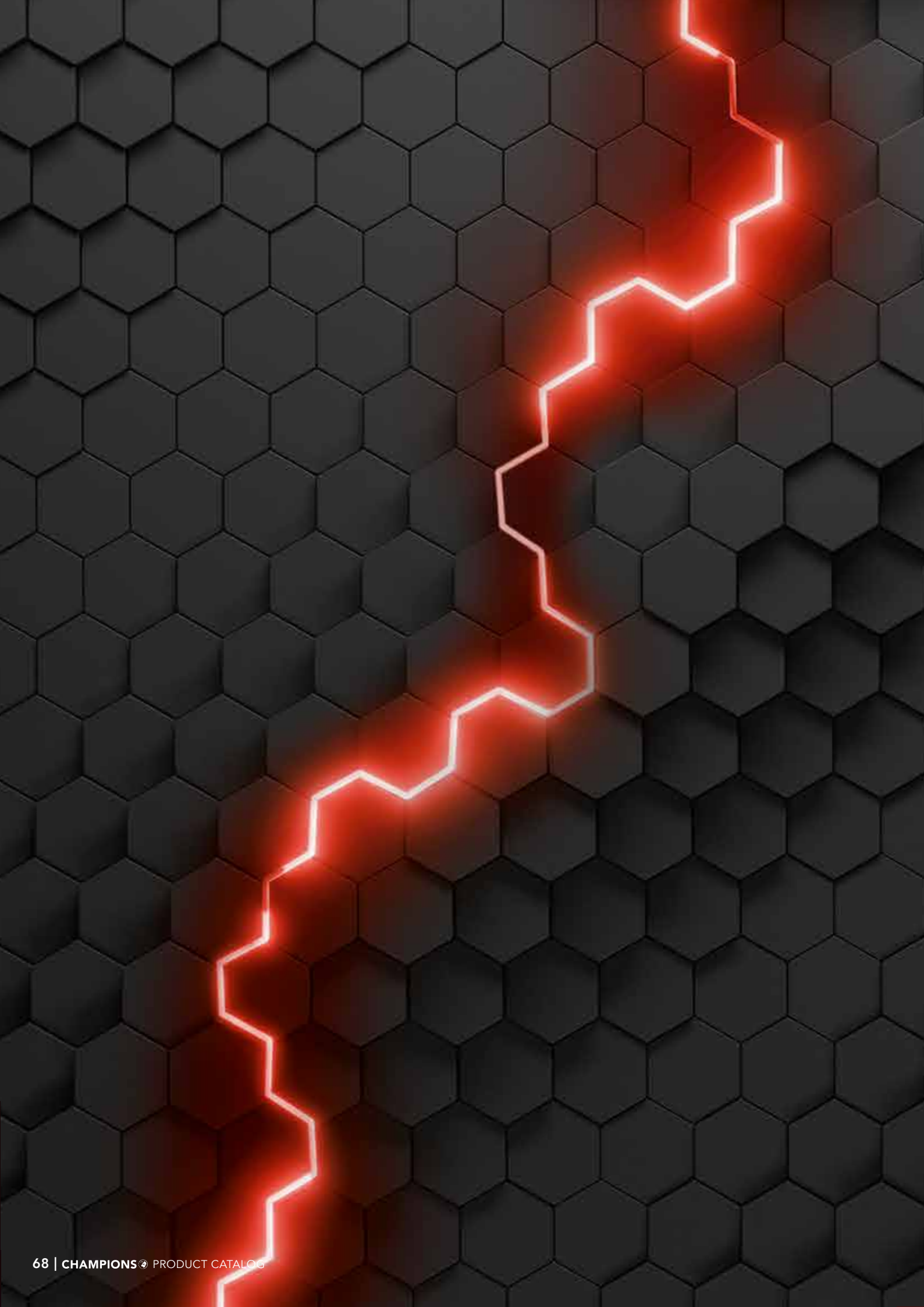


VIDEOS

on  YouTube

@ChampionsImplantsGmbHFlonheim





CHAMPIONS BALL-HEAD

– Surgery & Prosthodontics –



Champions Ball-Head

Screw-shaped one-piece implant that can be placed in all bone quality types of the upper jaw and the lower jaw (D1–D4) for fixing removable dentures. In the upper jaw there should be at least 3 implants/teeth per quadrant, in the lower jaw at least 2 implants/teeth per quadrant.

Material: grade 4 titanium



Diameter	Length	Height	REF
2.5 mm	10.0 mm	6.3 mm	1900
	12.0 mm	6.3 mm	2015
	14.0 mm	6.3 mm	2035
	16.0 mm	6.3 mm	2055
3.0 mm	8.0 mm	6.8 mm	1890
	10.0 mm	6.8 mm	1905
	12.0 mm	6.8 mm	2016
	14.0 mm	6.8 mm	2040
	16.0 mm	6.8 mm	2060
4.0 mm	8.0 mm	7.1 mm	1895
	10.0 mm	7.1 mm	2005
	12.0 mm	7.1 mm	2025
	14.0 mm	7.1 mm	2050
	16.0 mm	7.1 mm	2070



Insertion Aids

These Insertion Aids are used for placing implants with corresponding external Square connections (Square Champions, Champions Ball-Head as well as Champions (R)Evolution Abutments Ball-Head).

Material: stainless steel



HP-Connection
for external Square connections
max. torque with handpiece without Hex: 50 Ncm

Regular
for external Square connections

Long
for external Square connections

	HP-Connection	Regular	Long
Diameter	4.5 mm	4.5 mm	4.5 mm
Length	7.0 mm	13.0 mm	26.0 mm
REF	3039	3040	3060

Prep-Cap

Prep-Cap ZrO₂ Ball-Head (0°) for cementing crowns

It is recommended that you should use hard cement (RelyX Unicem, Ketac Cem [3M Espe], or a similar hard substance).

Ø 4.5 mm, Height: 5.5 mm

Material: zirconia

REF: 4098



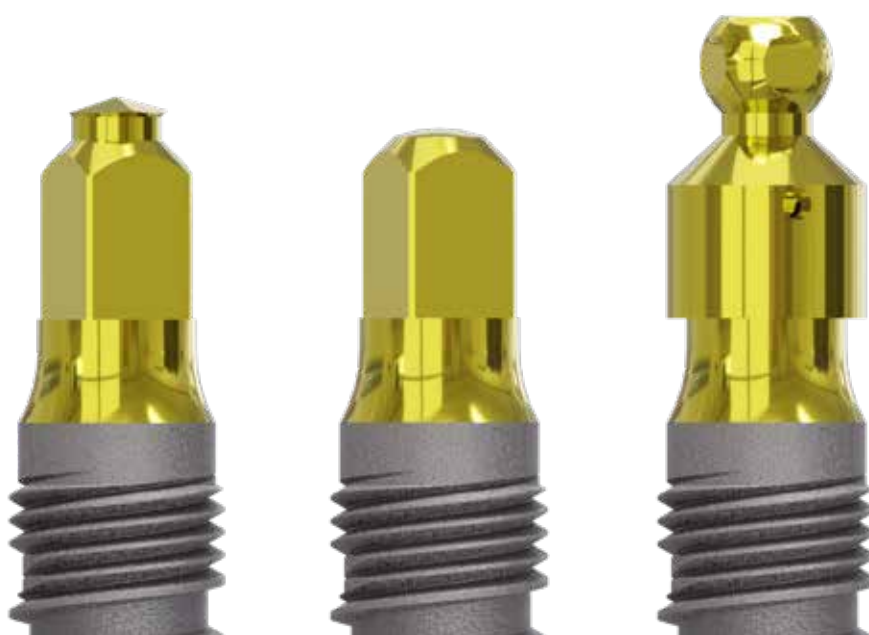
Rescue-Cap

Ball-Head Cap (0°) for cementing in case of a fractured Ball-Head

It is recommended that you should use hard cement (RelyX Unicem, Ketac Cem [3M Espe], or a similar hard substance).

Ø 3.3 mm, Height: 5 mm
Material: grade 5 titanium

REF: 3118



1 → 2 → 3

Ball-Head Cap (0°) for cementing in case of a fractured Ball-Head (1).
First, reshape the remaining Ball-Head (2).
Then, cement the Rescue-Cap (3).

Matrices

For fixing complete dentures on Ball-Head Abutments. With resilience.



**MMT
incl. O-Ring
red-brown**
Material:
stainless steel

**MMT
incl. O-Ring blue**
Material:
stainless steel

O-Ring for MMT
Black: strong
retention
Pack of 4
Material: silicone

O-Ring for MMT
Red-brown: regular
retention
Pack of 4
Material: silicone

O-Ring for MMT
Blue: weak retention
Pack of 4
Material: silicone

Diameter	5.1 mm	5.1 mm	–	–	–
Height	2.6 mm	2.6 mm	–	–	–
REF	3130	31301	3150	3160	3170

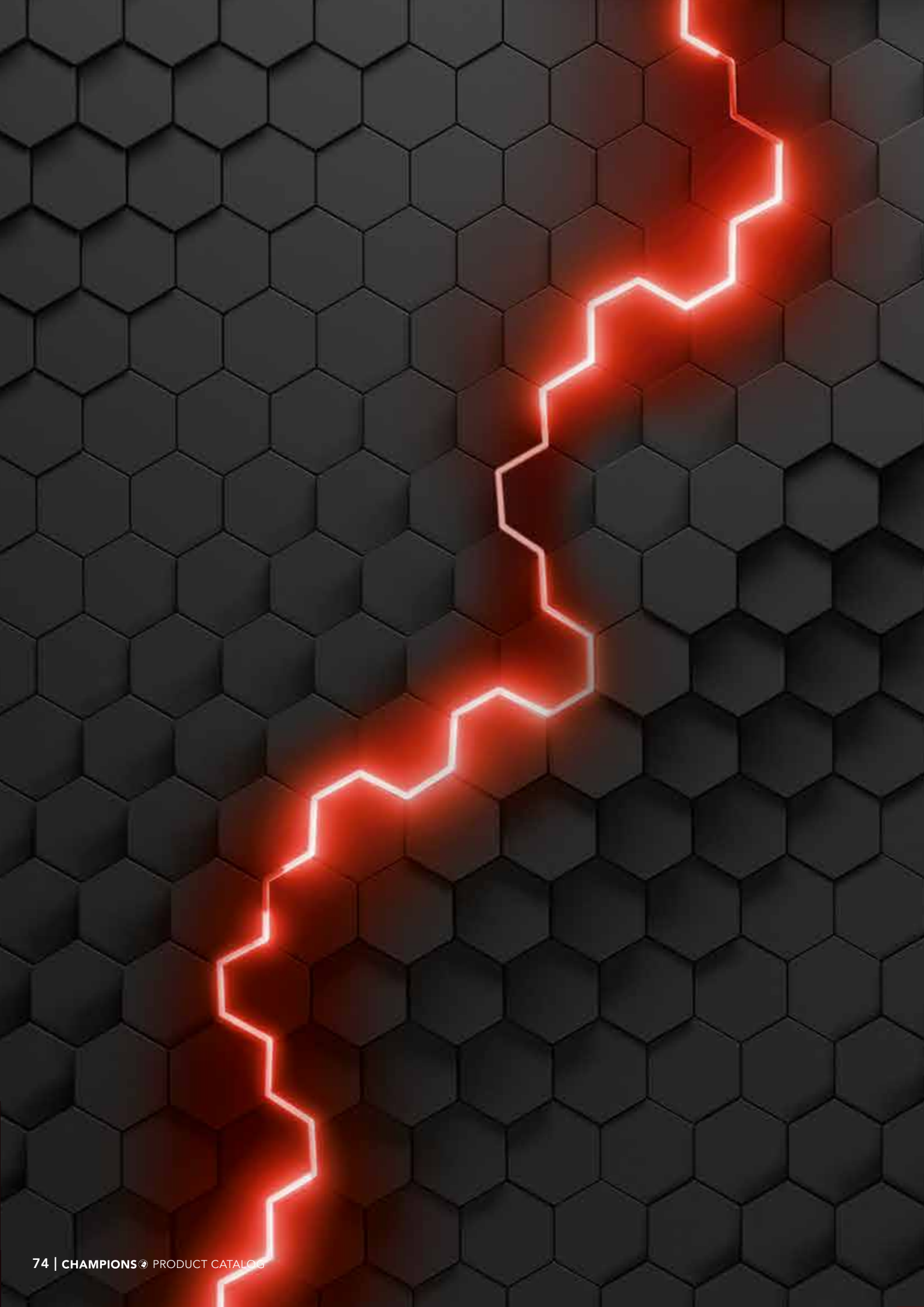
Laboratory Equipment and Impression



**Laboratory
Analog Ball-Head**
Material:
stainless steel

**Impression
Coping**
Indication:
Gingival height
> 3 mm
Material: plastic

Diameter	–	4.5 mm
Height	–	5.0 mm
REF	3140	3115

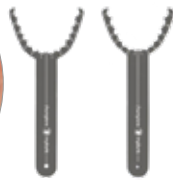


CHAMPIONS ACCESSORIES

- Tools & Materials -



Tools



Champions® Implant Guide

Aid for placing implants (according to Prof. Dr. Ali El-Hamid)
Set: for upper jaw and lower jaw
Allows individual adjustment to the patient with malleable metal; it can be sterilized and reused.

4311



MIMI-Modulator Kit Bone-Spreading Tool

4100



MIMI-Modulator Upper Jaw Bone-Spreading Tool

4101



MIMI-Modulator Lower Jaw Bone-Spreading Tool

4102



Handpiece Coxo Handpiece green 20:1 incl. lighting

61151



D-CAM HD S – straight 0° incl. TWAIN-module

Camera 0° incl. Software
Medical EDA, with a resolution
of 960 x 720 px (video)
or 2592 x 1944 (pictures)

6113HDS



C-Sailor Pro Implant Motor

Implant Motor featuring a touch screen and
equipped with a handpiece (green 20:1) with
LED-light, a tray, and a multi-functional pedal
Delivery in a high-quality aluminum box

6117



VHC Starter Package

1 x Digital Reader
25 x Vitamin D-Test
1 x Data Cable and
Software

CI001



VHC Vitamin D-Test

25 x VHC Vitamin D-
Test Cassettes and
Samplers
1 x Sample Buffer (6 ml)
1 x RFID-Card
1 x Instructions for Use

CI002



VHC Vitamin D-Reader incl. software

User-friendly measuring
device allowing for a
brief and quantitative
analysis of vitamins D2
and D3 with lab-quality

CI003

Regeneration Material



Hyadent Hyaluronic Acid Gel

The gel is a sterile biological transparent hyaluronic acid of non-animal origin.
Hyaluronic acid gel 2 x 1.2 ml, cylinder ampule for carpule syringe

9009



DentOss TCP

Fully synthetic bone replacement graft consisting of pure-phase beta-tricalcium phosphate (β -TCP).
After 4–6 months vital bone tissue is formed and allows for implantation.

1 x 0.5 g fine (0.1–0.5 mm)	CI-D01	1 x 1.0g fine (0.1–0.5 mm)	CI-D05
1 x 0.5 g coarse (0.5–1.0 mm)	CI-D02	1 x 1.0g coarse (0.5–1.0 mm)	CI-D06
5 x 0.5 g fine (0.1–0.5 mm)	CI-D03	5 x 1.0g fine (0.1–0.5 mm)	CI-D07
5 x 0.5 g coarse (0.5–1.0 mm)	CI-D04	5 x 1.0g coarse (0.5–1.0 mm)	CI-D08



BloodSTOP iX

BloodSTOP iX is a natural, biocompatible, skin-friendly non-animal hemostatic Band-Aid, which resembles a conventional gauze. Using a patented formulation, cotton cellulose is oxidized and etherified to produce a very absorbent, hydrophilic, water-soluble, and bio-absorbable matrix. When applied intraorally to a wound, BloodSTOP iX quickly absorbs blood and exudates and transforms into a gelatinous substance that seals the wound with a transparent protective layer. BloodSTOP iX actively promotes blood coagulation and wound healing. The translucent gel surface allows for monitoring the hemostasis so that doctors can focus on the patient without needing to fear involuntary bleeding.

1.3 x 5 cm (24 pieces)

CI-B01

Accessories

 <p>Implant Passport 10 pieces/pack, DIN A6</p> <p>ZIPEN10</p>	<p>Crowns Present Box</p> <p>5050</p> 
 <p>alfa-Foaming Mouthwash Discover the gentle foaming mouthwash for use immediately after a dental extraction or dental implantation. Made from natural mint flavor with the addition of linseed and allantoin, this foaming mouthwash helps prevent dislodging of blood clots and a dry socket after a dental extraction. It does not cause burning mouth. Based on plants with medicinal herbs such as as arnica, chamomile, rosemary, and sage, this mouthwash is alcohol-free (0.2% chlorhexidine). It is recognized for its anti-inflammatory properties and promotes wound healing.</p> <p>100 ml</p> <p>CI010</p>	

Heydent

Composites



HeyTec-N

The Nano-Hybrid-Composite HeyTec-N is so convenient and easy to form that its consistency is called „wax-like“. HeyTec-N allows you to create highly aesthetic fillings that guarantee the long-term reliable mechanical properties. HeyTec-N impresses any user. The unique wax-like consistency allows for very comfortable and easy handling of the material that does not stick to the instruments.

A1 – 1 x 4g Syringe	HE311
A2 – 1 x 4g Syringe	HE312
A3 – 1 x 4g Syringe	HE313
Incisal – 1 x 4g Syringe	HE321



HeyTec-Flow V

HeyTEC-Flow V is a light-curing and slightly flowable micro-hybrid composite for anterior and limited posterior restorations as well as for tooth sealing. It is based on methacrylate resin and inorganic filling material with a particle dimension of 0.05-1 µm. The total filling content is 61% (weight percentage) and 41% (volume percentage). HeyTec Flow V fulfills the requirements of DIN EN ISO 4049. Indications: Fillings of Classes III, IV, and V according to Black-Sealants.

A1 – 1 x 2ml syringe	HE611
A2 – 1 x 2ml syringe	HE612
A3 – 1 x 2ml syringe	HE613

Adhesives



H-Etchbond

Light-curing one-component, single-layer bonding system of the 7th generation. Developed to simplify the bonding procedure, while ensuring excellent quality and strong bonding. Amongst the most popular selfetching systems, H-Etchbond is characterized by its outstanding adhesion properties. Only one layer of H-Etchbond is required to obtain a strong and long-lasting bond of light-curing composites to enamel and dentin. 1 x 5 ml bottle

HE003



H-Bond & H-Bond Activator

H-Bond is a light-curing system of the Prime/Bond type of the 5th generation and offers a strong bond of all composite materials to dentin and enamel. H-Bond has been developed for light-curing materials, but when combined with H-Bond Activator, H-Bond becomes a chemical- or dual-curing system that is perfect for root canals. It can also be used with chemical- and double-curing materials.

1 x 5 ml bottle H-Bond	HE001
1 x 3 ml bottle H-Bond Activator	HE002

Temporary material



HeyTec Temp

Temporary crown and bridge material, highly aesthetic 4:1- composite material for provisional crowns and bridges, inlays, onlays, and veneers

Properties:

High fracture resistance also in very thin layers such as edges of crowns or thin veneers, very aesthetic appearance with high color stability and natural fluorescence, direct chairside application due to low-curing temperature, very high mechanical durability and excellent elasticity, excellent fit due to minimal polymerisation shrinkage, material of the latest generation with mixing ratio 4:1, high abrasion resistance, excellent polishing capacity, optimal for long bridges with high durability, safe and quick handling with AutoMix system, final preparation within 5 min.

A2, 1 x 50 ml, 10 mixing tips 4:1

HE056



HeyTec Semi

Temporary cement

HeyTec Semi is a semi-permanent, dual-curing material for cementing crowns and bridges on implant abutments and natural tooth stumps with these advantages: shaping gingiva or modeling dental papillae, treating periimplantitis, cleaning restorations outside the mouth, repairing the construction, or changing the color.

A controlled cement expansion compensates the removal of the chemical adhesion (0 MPa). This ensures an optimal attachment, and prosthetic restorations can be removed without being damaged.

1 x 5 ml syringe, 5 mixing tips

HE032

Protective lacquer



H-Nano SEAL

An innovative protective lacquer, based on a patent-protected silicone polymer. H-Nano Seal forms a very strong adhesion on the enamel or dentin. It is not necessary to etch before. Thanks to the innovative formula, the material stays on the tooth surface for about 12 months. Caries prophylaxis for children and adults as well as patients with fixed braces and for patients with need of special care, treatment of teeth after a professional cleaning, tooth protection after teeth whitening at the dental office and at home, reduction of hypersensitivity in the dental neck areas, remineralization of hard tooth tissues and filling of microfractures in the enamel, preliminary sealing of fillings and dentures.

1 x 5 ml bottle, 20 disposable brushes
1 x application tray

HD008

Bleaching



JW NEXT Power Bleaching

A two-component In-Office bleaching gel in an Automix cartridge with 35% hydrogen peroxide concentration for highly effective bleaching and brightening of discolored and devitalized teeth. JW NEXT Power Bleaching can be used without any light source. For reinforcing bleaching, use a bleaching lamp or a diode-laser. Advantages:

Quick bleaching results, safe and long-lasting, gentle on the teeth surface, ensures the best possible results and the greatest safety, gently protects the teeth, no damage to the tooth surface, no running and good contrast on the tooth, no mixing necessary, consistent quality, no cosmetic product, but a medical product. Is not part of the regulations of the new cosmetic directive.

1 x 5 g syringe, 3 x mixing tips,
1 x Liquid Dam 1.2 ml, 1 x tip

HE1020JW

Cements and core-build-up



HeyTec Cem SE

A self-etching, dual-cure composite material for permanent attachment of crowns, bridges, restorations of the type inlay/onlay and root pins. HeyTec Cem SE provides high strength adhesion to dentin, enamel, zircon (16 MPa!), ceramics, composites, titanium, and metal. Strong adhesion strength without etching, priming, and bonding. Cementing requires just a few steps! There is no risk of overetching. HeyTec Cem SE is self-neutralizing with an initial low pH-value, which increases immediately after application to pH-value of 5.5 after 12 hours. This prevents hypersensitivity after treatment.
 1 x 5 ml syringe, 10 x mixing tips,
 5 x intraoral tips long

HE031TR



HeyTec Cem X

HeyTEC CemX is a dual-cure, highly radiopaque, fluorescent and highly abrasion-resistant flowable self-adhesive composite cement for various types of indications such as all-ceramic, composite or metal inlays, onlays, crowns and bridges, posts, 3-unit inlay/onlay bridges, all-ceramic, 2 -or 3-unit Maryland bridges and veneers, plus HeyTec CemX can also used for core build up.

HeyTEC CemX is the latest generation of self-adhesive composite cements. Comfortable and easy delivery in an Automix syringe.
 1 x 8 g syringe, 5 x mixers ML, 5 x mixing tips,
 5 x intraoral tips

Semi-transparent – 1 x 8 g syringe

HE033

A2 – 1 x 8 g syringe

HE035



HeyTec Core-N

HeyTec Core-N is a dual-curing, flowable, highly radiopaque microhybrid composite with nano-fillers (nano-zirconia, nano-calcium fluoride) for core build-ups and cementing root canal posts. The excellent mechanical properties allow a more precise crown preparation. HeyTec Core-N can also be used for cementing crowns, bridges, inlays, and onlays.
 1 x 5 ml syringe, 5 x mixing tips
 5 x IOT long, 5 x IOT short

HE049

Nanotechnology

The exceptional mechanical properties of HeyTec Core-N are caused by the innovative molecule structure. The material is very resistant to compression and bending. These features make HeyTec Core-N the perfect replacement of the natural dentin.

Secure and predictable treatment

HeyTec Core-N can be applied directly and has a short curing time at low heat production. The dual-curing properties allow cementation and core build-ups in cases where sufficient light is not guaranteed.

Dentin remineralization and X-ray visibility

Calcium fluoride nano-particles allow dentin remineralization. Nano-zirconia particles produce an excellent X-ray visibility.

Impression material



HeyTec Soft

Kneadable A-silicone for the double mixing technique

HeyTec Soft has a particularly soft mixing consistency. The impression is taken without excessive compression pressure and can be made in both prefabricated and individual impression trays.

Consistency: putty, color: yellow, linear shrinkage: < 0.1%, mixing time: 45 s, processing time: 2:20 min, curing time (in the mouth): < 3:00 min, final hardness: about 65 shore A, standard: ISO 4823, type 0

2 x 300 ml jars A+B, 2 x spoon

HD060



HeyTec Mono-X

Monophase precision A-silicone with excellent stability and exceptional image sharpness

Application scope: inlay-onlay, crowns and bridges, fixation impressions, telescopic and attachment work, and complex implant impressions.

Consistency: heavy, color: aubergine, linear shrinkage: < 0.1 %, mixing time: inapplicable, treatment time: 2:00 min., curing time (in the mouth): < 3:00 min., final hardness: about 70 Shore A, standard: ISO 4823, type 1

1 x 380 ml 5:1 cartridge, 10 mixing tips

HD064



HeyTec Heavy-X

Precision impression material for machine, dynamic mixing

HeyTec Heavy-X is suitable for all precision impression techniques in which outstanding hydrophilic properties, excellent dimensional stability, high tensile strength, and high resilience are important. Areas of application: pre-impression material for all two-phase impression techniques. Consistency: heavy, color: yellow, linear shrinkage: < 0.1%, mixing time: inapplicable, processing time: 1:30 min, curing time (in the mouth): <2:30 min, final hardness: about 65 Shore A, standard: ISO 4823, type 1

HD065



HeyTec Light-H

Addition-crosslinking, extremely fine-flowing correction impression material with superhydrophilic properties for all impression techniques

With the avoidance of air inclusions, it flows to all critical points and also reproduces the finest contours. Residual liquids are washed out by the compression pressure and the superhydrophilic properties. The thixotropic property prevents inadvertent flow of the already applied material from the preparation.

Consistency: putty, color: yellow, linear shrinkage: < 0.1 %, mixing time: 45 sec., processing time: 2:20 min., curing time (in mouth): < 3:00 min., final hardness: about 65 Shore A, standard: ISO 4823, type 0

HD061

**HeyTec Bite**

Addition-crosslinking, superhard, fast-curing silicone material for bite registration

With a final hardness of about 90 Shore A, the material is not only suitable for the registration of fully or partially toothed jaws, but also for bite registration in the complete denture. The post-processing with knife, stone, or milling machine is possible without any problem. Consistency: heavy, color: magenta, linear shrinkage: <0.1%, mixing time: inapplicable, processing time: 15 s, curing time (in mouth): < 45 s, final hardness: about 90 Shore A, standard: ISO 4823, type 1
2 x 50 ml cartridge, 12 mixing tips

HD080**HeyTec Adhesive**

Liquid spoon adhesive for all commercially available A-silicones
1 x 10 ml

HD062

CHAMPIONS 

CHAMPIONS-IMPLANTS.COM

