

Conical Connection

Product Catalog



TAVDental
PRECISION. PASSION. PARTNERSHIP



NO
CHALL



ENGE
TOO GREAT

CONT.

6
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Company Profile

TAV Dental is a professional, dynamic and innovative unit founded as a division of TAV Medical Ltd, a company with more than 40 years of experience in the medical device market. TAV Dental manufactures a wide range of precise devices using a variety of raw materials for the dentistry market.

TAV Dental is founded on advanced technology, which serves as a significant basis for all developments and production processes. Our aim is to use advanced technology and the most innovative manufacturing processes in order to offer such novelty to the dental industry.

TAV Dental uses several technologies to develop and manufacture products, including:

- CNC Technology** Computer Numerical Control
- MIM Technology** Metal Injection Molding
- CIM Technology** Ceramic Injection Molding
- PIM Technology** Plastic Injection Molding

The company strength lies in the combination of these four technologies under one roof, as each of them enables the development and manufacturing of various products of the highest quality and accuracy using different techniques and materials.

Our production facilities are specifically designed for the medical market, using the most cutting-edge technological equipment.

The manufacturing process is carried out in accordance with the most stringent international standards. TAV Dental quality assurance and regulatory systems comply with c G.M.P QSR and ISO 9001:2008 & ISO 13485:2012 certified. CE 0483 approved.

Implants

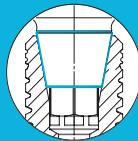
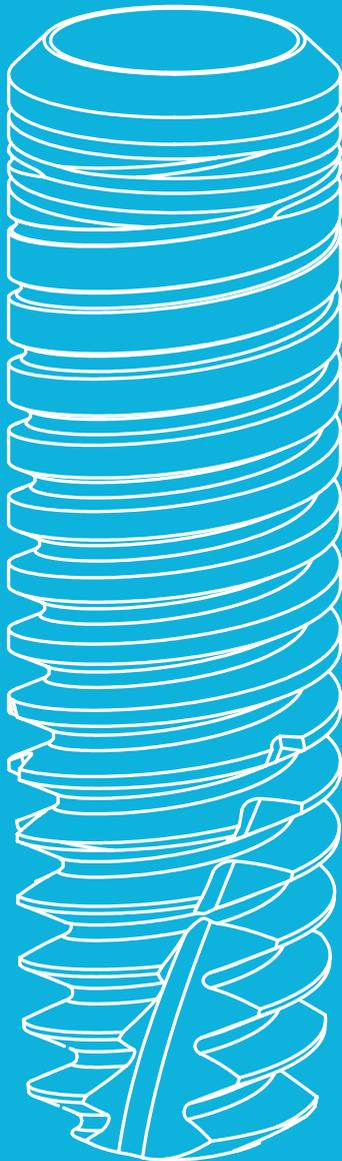
One Connection, Two Platforms.

Ocean blue and Violet - With the color coding system, each component is marked with the same color as the chosen implant platform.



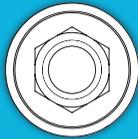
iCone

TAV Dental iCone Conical Connection implant merges cylindrical body apically tapered with a tight sealed conical connection, offering an esthetic solution for all indications. iCone implants are available in a versatile range of diameters and lengths for all indications and comes in two platforms, standard and wide that are color coded for easy identification. The iCone system is further supported by corresponding restorative components designed for long-term function and esthetics.



A Strong and Stable Fit Between Implant and Abutment

11° cone that seals off the interior of the implant, minimizing micromovements and microleakage.



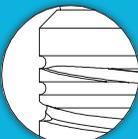
Internal Hexagon

features 6 indexing positions.



Platform Switching

preserve the crestal bone height and soft tissue levels, increasing the quality outcomes in treatments.



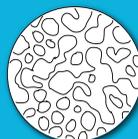
Micro Threads

on the implant neck offers optimal load distribution and stress values, minimizing bone resorption.



Double Thread Design

increases BIC over the entire body of the implant and support fast and easy implant insertion.



Implant Surface

sand blasting and acid etching ensures a surface of high quality which has been proven to maximize the BIC (Bone Implant Contact).



Color Coding

iCone system comes in two platforms that are color coded for easy identification. Ocean Blue for the standard and Violet for the wide platform.



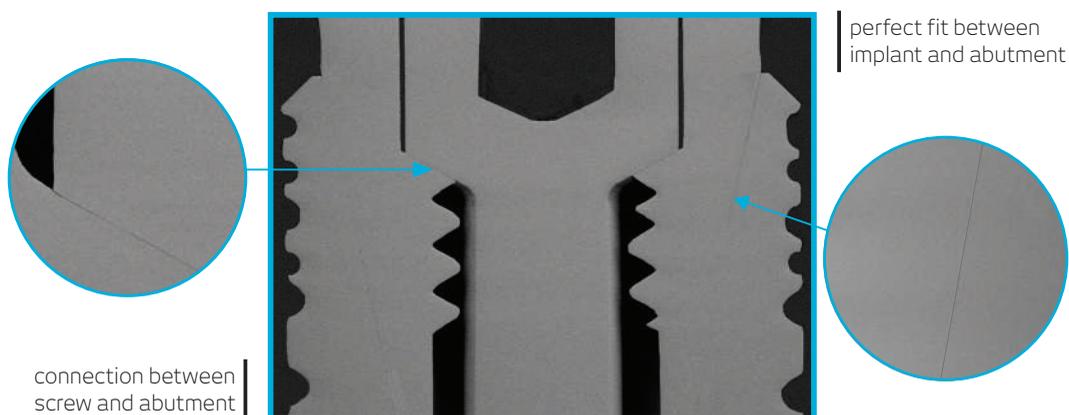
Self Tapping and Apically Tapered Body

enables easy insertion and stabilizes the implant.

iCone Implant Overview

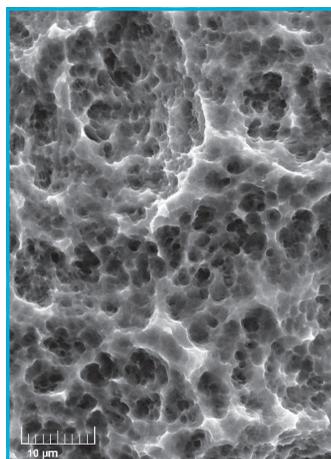
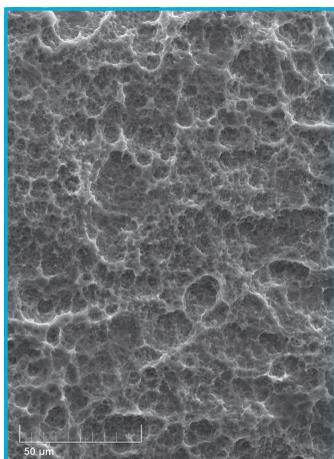
Strong Sealed Connection

Conical connection together with internal hexagon provides sealed and stable fit between implant and abutment.

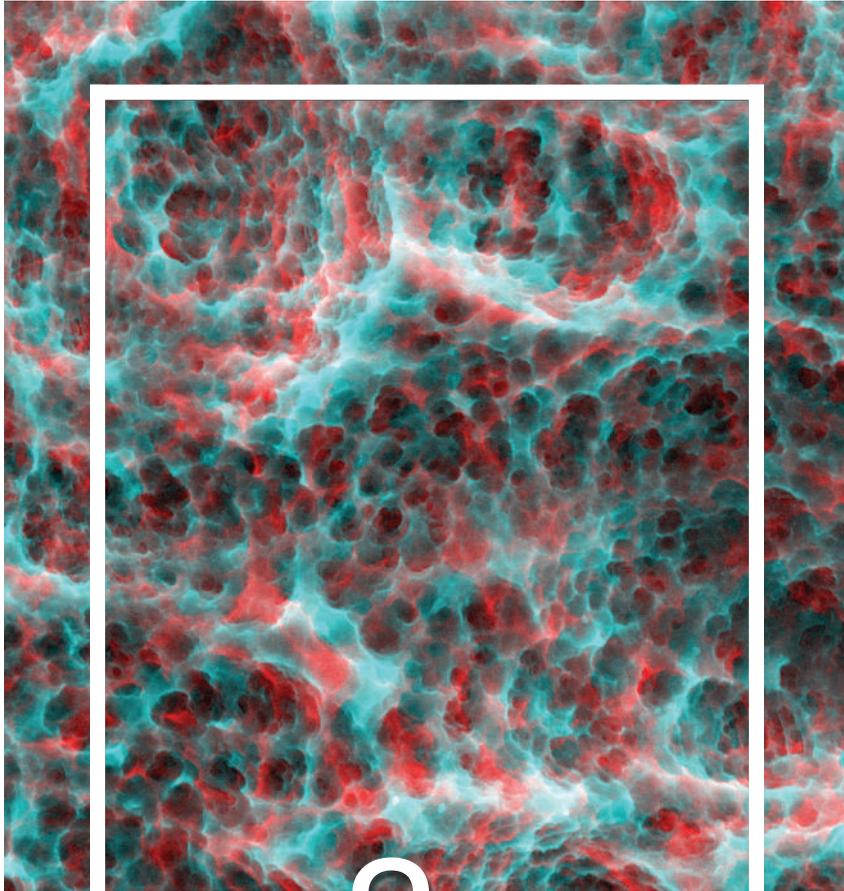


Implant Surface

The implant rough surface topography combines macro roughness, produced using sand-blasting and micro roughness created by acid-etching process. The resulting topography ensures reliable osseointegration.



3D Implant Surface



3D

Implant System

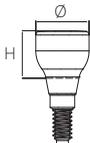
Diameter	Ø3.75mm	Ø4.20mm	Ø4.50mm	Ø5mm
				
	2.10mm	2.10mm	2.50mm	2.50mm
				
Length				
8mm	7101006	7101011	-	-
9mm	-	-	7101016	7101020
10mm	7101007	7101012	-	-
11.50mm	7101008	7101013	7101017	7101021
13mm	7101009	7101014	7101018	7101022
16mm	7101010	7101015	7101019	7101023



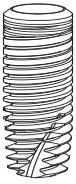
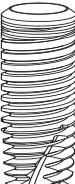
Cover Screw Ø3.75-Ø4.20 mm 7201027



Cover Screw Ø4.50-Ø5mm 7201028

	Anatomic Healing Cap Ø4.0mm, Coni con. SP	Anatomic Healing Cap Ø4.5mm, Coni con. SP	Anatomic Healing Cap Ø5.5mm, Coni con. SP	Anatomic Healing Cap Ø5.0mm, Coni con. WP	Anatomic Healing Cap Ø5.5mm, Coni con. WP	Anatomic Healing Cap Ø6.5mm, Coni con. WP
						
Height						
2mm	7201030	7201033	7201036	7201039	7201042	7201045
4mm	7201031	7201034	7201037	7201040	7201043	7201046
6mm	7201032	7201035	7201038	7201041	7201044	7201047

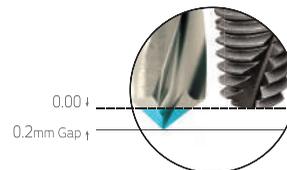
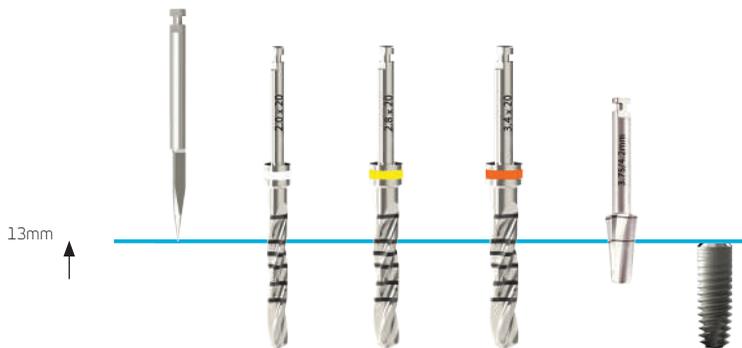
Ø3.75mm Implants

8mm	10mm	11.50mm	13mm	16mm
				
7101006	7101007	7101008	7101009	7101010



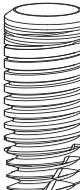
Ø3.75 mm Implant Procedure

Drill Speed [rpm]	1200-1500	900-1200	500-700	400-700	200-400
		Ø2	Ø2.80	Ø3.40	Ø3.75-4.20
			Optional For D1, D2	Optional For D3, D4	



* The procedures described does not replace adequate training.

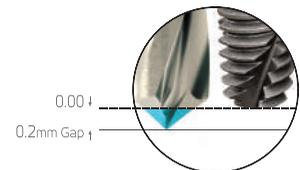
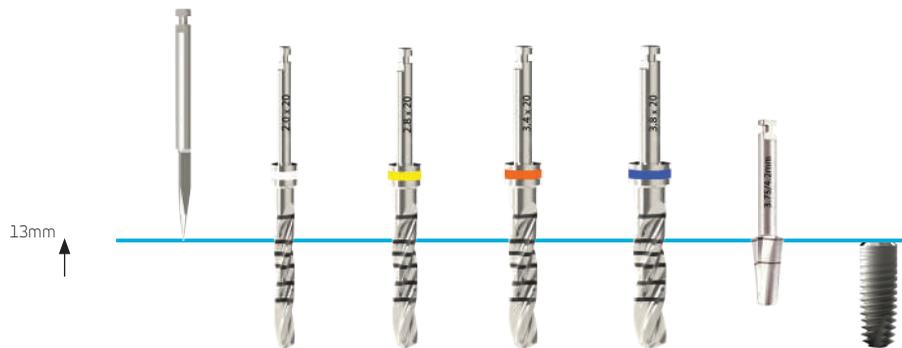
Ø4.20mm Implants

8mm	10mm	11.50mm	13mm	16mm
				
7101011	7101012	7101013	7101014	7101015



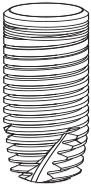
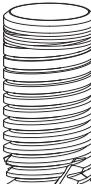
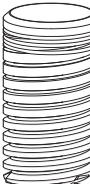
Ø4.20mm Implant Procedure

Drill Speed [rpm]	1200-1500	900-1200	500-700	400-700	400-600	200-400
		Ø2	Ø2.80	Ø3.40	Ø3.80	Ø3.75-4.20
					Optional For D1, D2	Optional For D3, D4



* The procedures described does not replace adequate training.

Ø4.50mm Implants

9mm	11.50mm	13mm	16mm
			
7101016	7101017	7101018	7101019



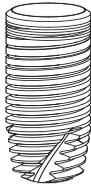
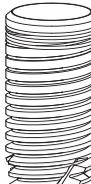
Ø4.50 mm Implant Procedure

Drill Speed [rpm]	1200-1500	900-1200	500-700	400-700	400-600	400-600	200-400
		Ø2	Ø2.80	Ø3.40	Ø3.80	Ø4.10	Ø4.50-5
						Optional For D1, D2	Optional For D3, D4



* The procedures described does not replace adequate training.

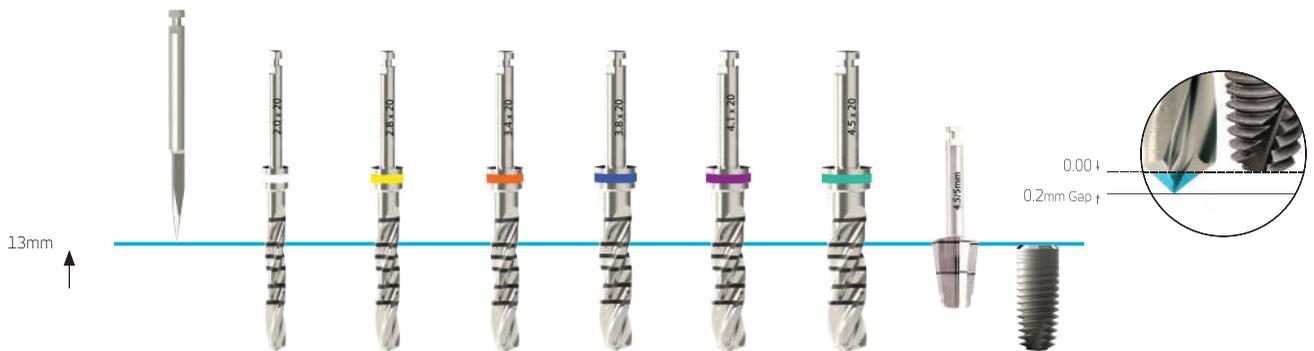
Ø5mm Implants

9mm	11.50mm	13mm	16mm
			
7101020	7101021	7101022	7101023



Ø5mm Implant Procedure

Drill Speed [rpm]	1200-1500	900-1200	500-700	400-700	400-600	400-600	300-500	200-400
		Ø2	Ø2.80	Ø3.40	Ø3.80	Ø4.10	Ø4.50	Ø4.50-5
							Optional For D1, D2	Optional For D3, D4



* The procedures described does not replace adequate training.

Packaging

TAV Dental develop and manufacture unique and innovative plastic dental packaging solutions for implants and accessories. This is the principal advantage of the company, which manufactures all plastic packaging IN HOUSE.

The implant packaging is designed to ensure maximum comfort for the dentist, easy opening and clear identification of implant type, diameter and length.



Packaging system

The packaging system of TAV Dental implants has three parts:
External implant packaging, Sealed internal tube and Titanium sleeve.

- 1 External implant packaging
- 2 Cover for sleeve
- 3 Cover screw
- 4 TAV Dental implant
- 5 Titanium sleeve
- 6 Sealed internal tube
- 7 Patient labels
- 8 Instruction for use



Implant Diameter Color Code

The implant tube is color-coded by a round sticker as follows:



Signs Index

- | | | |
|--|--|---|
| REF Catalogue number | Do not re-sterilize | Consult accompanying documents |
| LOT Batch Number | Use by date | STERILE Sterilized using gamma irradiation |
| Do not use if package is opened or damaged | Rx only Prescription only | Manufacturer |
| Do not re-use | Caution: This device is to be used by a licensed dentist only | EC/REP Authorized representative in the European Community |
| | | CE CE conformity marking |

TAV Dental Torque Ratchet Advantages

- One piece instrument.
- Easy to clean and maintain.
- Comfortable handling.
- Features both a Torque and Ratchet function.
- Mechanical integral stopper.
- High precision.
- Black matte coating avoiding light reflection.



Torque Ratchet | 7300045

Tools

TAV Dental tools has been designed to simplify the surgical procedure for clinicians and to match the shape of the implant. All tools are manufactured using high-quality materials and with high precision, ensuring easy performance and reliable use.



Drills

External Irrigation

Catalog No.	Description	Material	Length	Color Code	
7300001	Precision Drill	Stainless steel	24.5mm		
7300002	Pilot Drill Ø2mm Ext. Irrigation	Stainless steel	36.5mm	White	
7300003	Twist Drill Ø2.50mm Ext. Irrigation	Stainless steel	36.5mm	Silver	
7300062	Twist Drill Ø2.80mm Ext. Irrigation	Stainless steel	36.5mm	Yellow	
7302005	Twist Drill Ø3.40mm Ext. Irrigation	Stainless steel	36.5mm	Orange	
7300005	Twist Drill Ø3.80mm Ext. Irrigation	Stainless steel	36.5mm	Blue	
7300106	Twist Drill Ø4.10mm Ext. Irrigation	Stainless steel	36.5mm	Purple	
7300006	Twist Drill Ø4.50mm Ext. Irrigation	Stainless steel	36.5mm	Green	
7300009	Countersink Ø3.75-Ø4.20mm	Stainless steel	22.5mm		
7300010	Countersink Ø4.5-Ø5mm	Stainless steel	23mm		

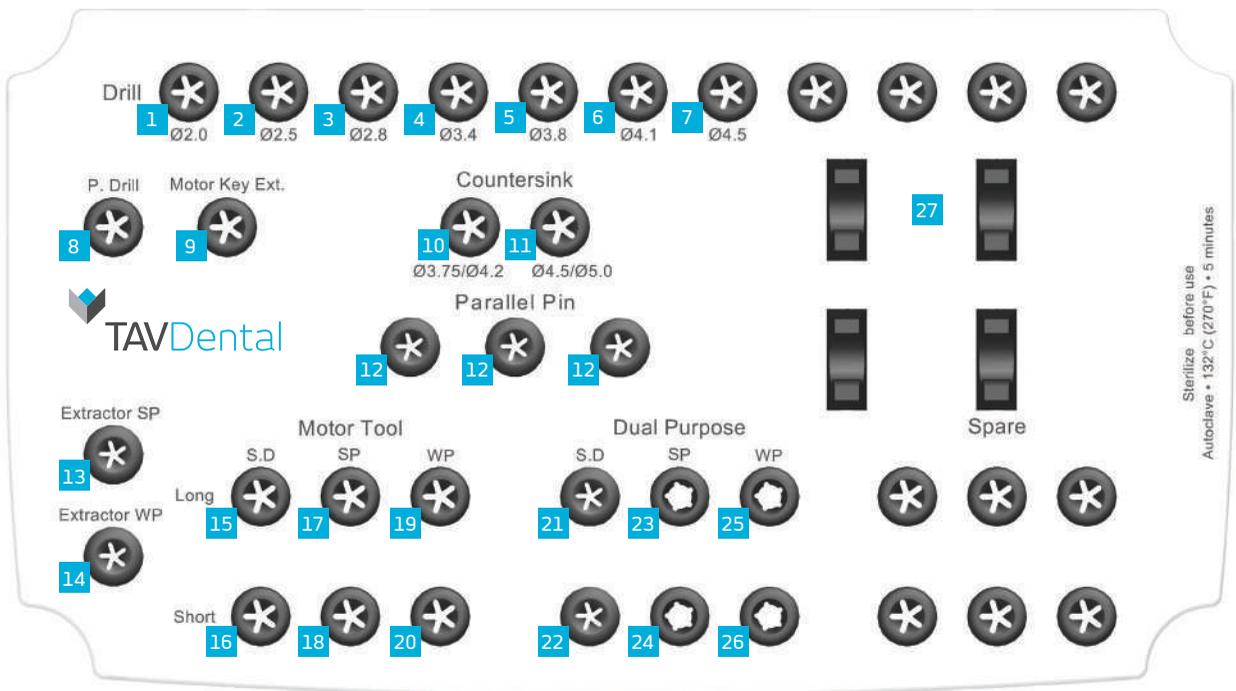
TAV Surgical Kit



Surgical Tools

Advanced

iCone Advanced Surgical Kit | 7300172



- 

1

Pilot Drill
Ø2mm
7300002
- 

2

Twist Drill
Ø2.50mm
7300003
- 

3

Twist Drill
Ø2.80mm
7300062
- 

4

Twist Drill
Ø3.40mm
7302005
- 

5

Twist Drill
Ø3.80mm
7300005
- 

6

Twist Drill
Ø4.10mm
7300106
- 

7

Twist Drill
Ø4.50mm
7300006
- 

8

Precision Drill
7300001
- 

9

Motor Key
Extender
7302015
- 

10

Countersink
Ø3.75-Ø4.20mm
7300009
- 

11

Countersink
Ø4.50-Ø5mm
7300010
- 

12

Parallel Pin
7300060
- 

13

Dual Purpose
Abutment Ext.
Coni con. SP
7301160
- 

14

Dual Purpose
Abutment Ext.
Coni con. WP
7301159
- 

15

Motor Screw
Driver Long
7300055
- 

16

Motor Screw
Driver Short
7300054
- 

17

Motor Implant
Driver Long
Coni con. SP
7301151
- 

18

Motor Implant
Driver Short
Coni con. SP
7301152
- 

19

Motor Implant
Driver Long
Coni con. WP
7301153
- 

20

Motor Implant
Driver Short
Coni con. WP
7301154
- 

21

Dual Purpose
Screw Driver
Long
7300051
- 

22

Dual Purpose
Screw Driver
Short
7300050
- 

23

Dual Purpose
Implant Driver
Long Coni con. SP
7301155
- 

24

Dual Purpose
Implant Driver
Short Coni con. WP
7301156
- 

25

Dual Purpose
Implant Driver
Long Coni con. WP
7301157
- 

26

Dual Purpose
Implant Driver
Short Coni con. WP
7301158
- 

27

Ratchet
7300044
- 

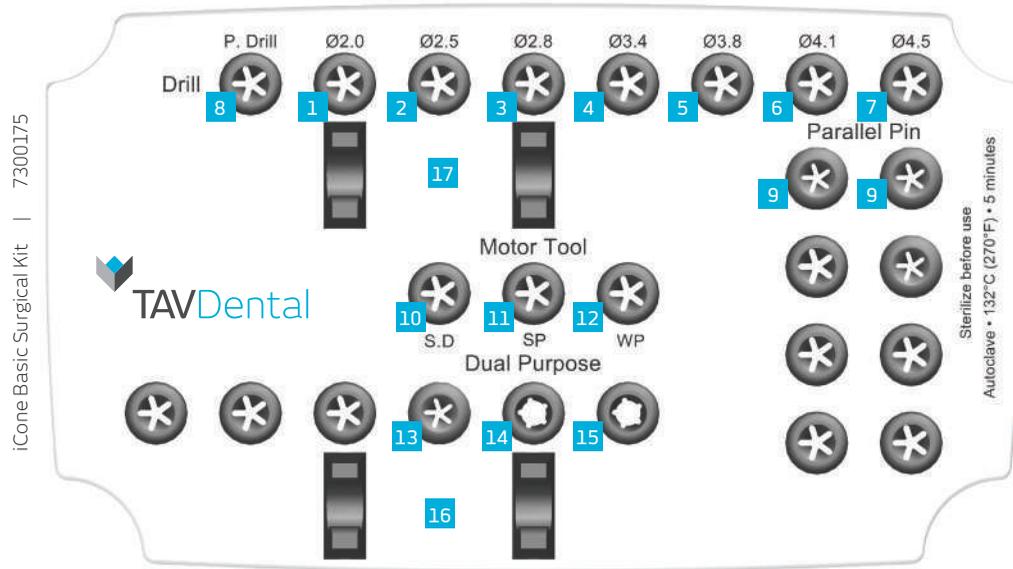
28

*Located at bottom tray
Implant Depth
Probe
7301002
- 

29

*Located at bottom tray
Gingiva Depth
Probe Coni con.
7301001

Basic



- 

1 Pilot Drill
Ø2mm
7300002
- 

2 Twist Drill
Ø2.50mm
7300003
- 

3 Twist Drill
Ø2.80mm
7300062
- 

4 Twist Drill
Ø3.40mm
7302005
- 

5 Twist Drill
Ø3.80mm
7300005
- 

6 Twist Drill
Ø4.10mm
7300106
- 

7 Twist Drill
Ø4.50mm
7300006
- 

8 Precision Drill
7300001
- 

9 Parallel Pin
7300060
- 

10 Motor Screw
Driver Long
7300055
- 

11 Motor Implant
Driver Long
Coni con. SP
7301151
- 

12 Motor Implant
Driver Long
Coni con. WP
7301153
- 

13 Dual Purpose
Screw Driver
Long
7300051
- 

14 Dual Purpose
Implant Driver
Long Coni con. SP
7301155
- 

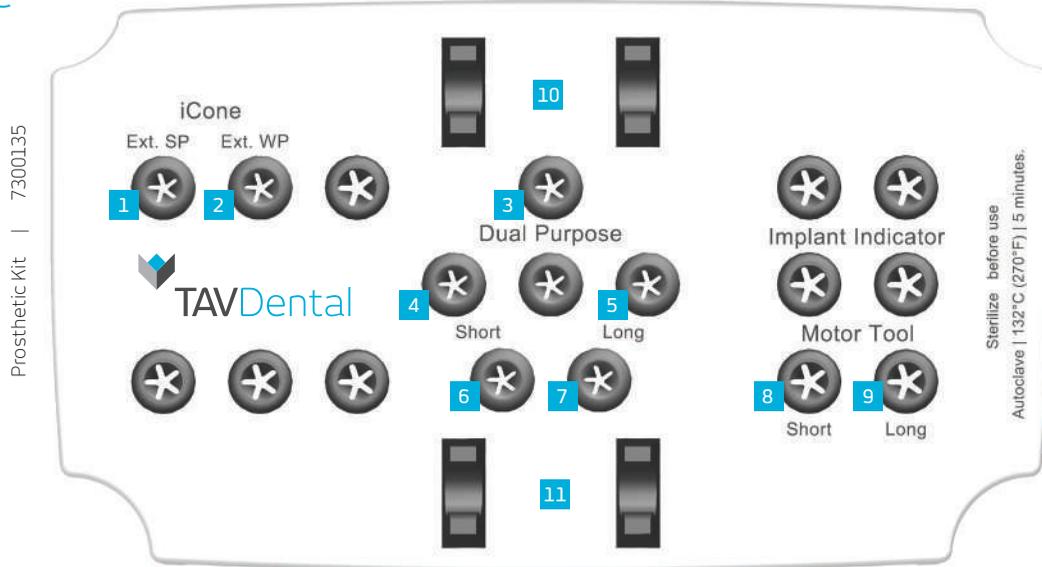
15 Dual Purpose
Implant Driver
Long Coni con. WP
7301157
- 

16 Ratchet
7300044
- 

17 Gingiva Depth
Probe Coni con.
7301001

*Located at bottom tray

Basic



1 Dual Purpose Abutment Extractor Coni con. SP 7301160



2 Dual Purpose Abutment Extractor Coni con. WP 7301159



3 Dual Purpose Abutment Extractor 7300058

*Only for internal hex. implant



4 Dual Purpose Screw Driver Short 7300050



5 Dual Purpose Screw Driver Long 7300051



6 Dual Purpose Multi-Unit Screw Driver Short 7300104



7 Dual Purpose Multi-Unit Screw Driver Long 7300105



8 Motor Screw Driver Short 7300054



9 Motor Screw Driver Long 7300055



10 Locker Key 7300123



11 Torque Ratchet 7300045

TAV Dental presents a wide range of Zirconia dental products, manufactured using the advanced Ceramic Injection Molding (CIM) technology.

Our vision with the introduction of this breaking technology is to redefine, better than ever, the quality of zirconia dental products and its performances. With this vision, we are committed to lead the dental market into a new era of high quality, esthetic, accurate and definitive zirconia products, and to make this premium zirconia line common worldwide.

TAV Dental manufactures all zirconia dental products IN-HOUSE.

Prosthetics

Our system further supported by corresponding restorative components designed for optimized soft tissue management, long - term function, maximum flexibility and esthetics.



Anatomic Healing Cap

Diameter	Anatomic Healing Cap Ø4.0mm Coni con.	Anatomic Healing Cap Ø4.5mm Coni con.	Anatomic Healing Cap Ø5.5mm Coni con.
			
Length			
2mm	7201030	7201033	7201036
4mm	7201031	7201034	7201037
6mm	7201032	7201035	7201038

Analog



Implant Analog Coni con. SP

7201025

Open Tray



Open Tray Transfer Coni con. SP

7201094

Anatomic Healing Cap

Diameter	Anatomic Healing Cap Ø5.0mm Coni con.	Anatomic Healing Cap Ø5.5mm Coni con.	Anatomic Healing Cap Ø6.5mm Coni con.
			
Length			
2mm	7201039	7201042	7201045
4mm	7201040	7201043	7201046
6mm	7201041	7201044	7201047

Analog



Implant Analog Coni con. WP

7201026

Open Tray



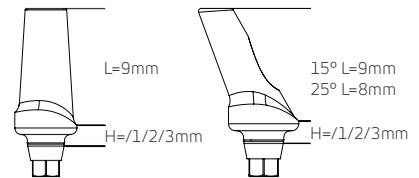
Open Tray Transfer Coni con. WP

7201093

Titanium Abutment

Esthetic Abutment SP

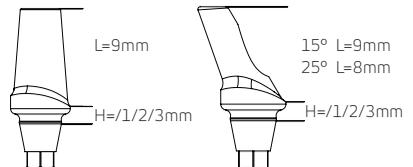
Angle	Straight	15°	25°
Height			
1mm	7201119	7201122	7201125
2mm	7201120	7201123	7201126
3mm	7201121	7201124	7201127



* TAV Dental Titanium abutment include screw 7201057.

Esthetic Abutment WP

Angle	Straight	15°	25°
Height			
1mm	7201128	7201131	7201134
2mm	7201129	7201132	7201135
3mm	7201130	7201133	7201136

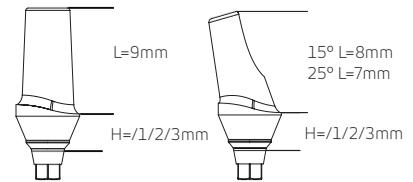


* TAV Dental Titanium abutment include screw 7201056.

Zirconia Abutment

Esthetic Abutment Zirconia With Ti-Base SP

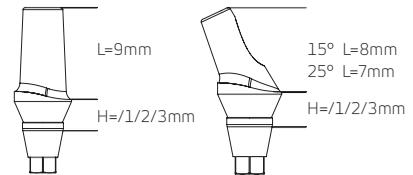
Angle	Straight	15°	25°
Height			
1mm	7201108	7201112	7201116
2mm	7201109	7201113	7201117
3mm	7201110	7201114	7201118



* TAV Dental Zirconia abutment include screw 7201059.

Esthetic Abutment Zirconia With Ti-Base WP

Angle	Straight	15°	25°
Height			
1mm	7201096	7201100	7201104
2mm	7201097	7201101	7201105
3mm	7201098	7201102	7201106



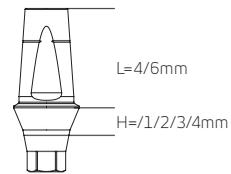
* TAV Dental Zirconia abutment H1 include screw 7201058.

* TAV Dental Zirconia abutment H2, H3 include screw 7201052.

TAV Anatomic Abutment

Direct Impression Coping for Closed Tray SP

Length	L4mm	L6mm
Height		
1mm	7201085	7201086
2mm	7201087	7201088
3mm	7201089	7201090
4mm	7201091	7201092



* TAV Dental Anatomic abutment include screw 7201060.

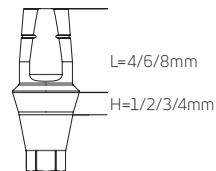


TAV Plastic Transfer SP

7200413

Direct Impression Coping for Closed Tray WP

Length	L4mm	L6mm	L8mm
Height			
1mm	7201073	7201074	7201075
2mm	7201076	7201077	7201078
3mm	7201079	7201080	7201081
4mm	7201082	7201083	7201084



* TAV Dental Anatomic abutment include screw 7201056.



TAV Plastic Transfer WP

7200179

Zirconia Locker Set



Locker Denture Cap

7200054



Locker Black Processing Male

7200055



Locker Soft Male Retention Cap

7200051



Locker Standard Male Retention Cap

7200053



Locker Hard Male Retention Cap

7200052



Locker Spacer Ring

7200329

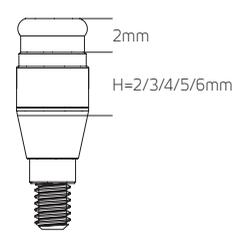
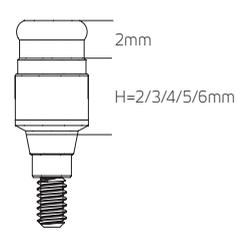
Zirconia Locker

Zirconia Locker SP

Height	
2mm	7201139
3mm	7201140
4mm	7201141
5mm	7201142
6mm	7201143

Zirconia Locker WP

Height	
2mm	7201146
3mm	7201147
4mm	7201148
5mm	7201149
6mm	7201150



Ball Attachment Kit



Ball Attachment Abutment H3mm
Ø2.50mm Coni con, SP

7201022



Metal Housing for Plastic Ball Cap

7200111



Plastic Disc for Ball Attachment

7200160



Ball Attachment Analog
*not included in the kit

7200159



Standard Plastic Cap for Ball Attachment

7200104



Soft Plastic Cap for Ball Attachment

7200105



Hard Plastic Cap for Ball Attachment

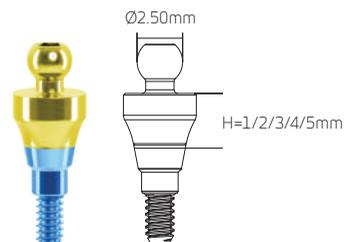
7200106

Ball Attachment Kit SP

Height	
1mm	7201185
2mm	7201184
3mm	7201183
4mm	7201182
5mm	7201181

Ball Attachment Abutment SP

Height	
1mm	7201024
2mm	7201023
3mm	7201022
4mm	7201021
5mm	7201020



Ball Attachment Kit



Ball Attachment Abutment H3mm
Ø2.50mm Coni con, WP

7201017



Metal Housing for Plastic Ball Cap

7200111



Plastic Disc for Ball Attachment

7200160



Ball Attachment Analog
*not included in the kit

7200159



Standard Plastic Cap for Ball Attachment

7200104



Soft Plastic Cap for Ball Attachment

7200105



Hard Plastic Cap for Ball Attachment

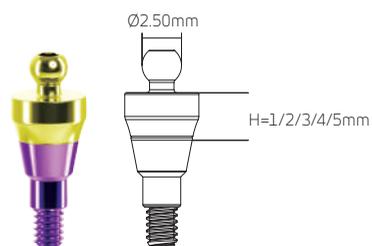
7200106

Ball Attachment Kit WP

Height	
1mm	7201190
2mm	7201189
3mm	7201188
4mm	7201187
5mm	7201186

Ball Attachment Abutment WP

Height	
1mm	7201019
2mm	7201018
3mm	7201017
4mm	7201016
5mm	7201015



Multi Unit

Multi Unit Abutment SP



Multi-Unit Impression Coping for Open Tray Stainless Steel
Multi-Unit Screw for Open Tray

7200220



Multi-Unit Temporary Cylinder Titanium

7200224



Multi-Unit Analog

7200223



Multi-Unit Plastic Cylinder Acetal

7200225



Multi-Unit Healing Cap

7200218



Multi-Unit Temporary cylinder PEEK

7200228



Multi-Unit Screw

7200219



Multi-Unit Crown Connector

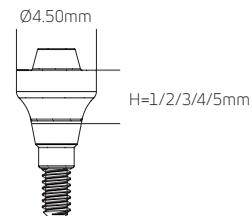
7200456



Multi-Unit Bridge Screw

7200604

Angle	Straight	17°	30°
Height			
1mm	7201151	-	-
2mm	7201152	7201162	7201172
3mm	7201153	7201163	7201173
4mm	7201154	-	-
5mm	7201155	-	-



Multi Unit

Multi Unit Abutment WP



Multi-Unit Impression Coping for Open Tray Stainless Steel
Multi-Unit Screw for Open Tray

7200220



Multi-Unit Analog

7200223



Multi-Unit Healing Cap

7200218



Multi-Unit Screw

7200219



Multi-Unit Bridge Screw

7200604



Multi-Unit Temporary Cylinder Titanium

7200224



Multi-Unit Plastic Cylinder Acetal

7200225



Multi-Unit Temporary cylinder PEEK

7200228



Multi-Unit Crown Connector

7200456

Angle	Straight	17°	30°
Height			
1mm	7201156	-	-
1.5mm	-	7201166	7201176
2mm	7201157	7201167	7201177
3mm	7201158	7201168	7201178
4mm	7201159	-	-
5mm	7201160	-	-

