

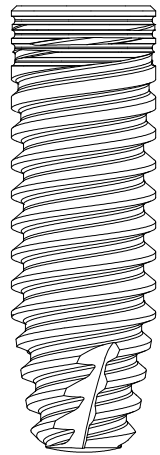


TAVDental

PRECISION. PASSION. PARTNERSHIP

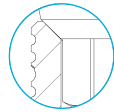
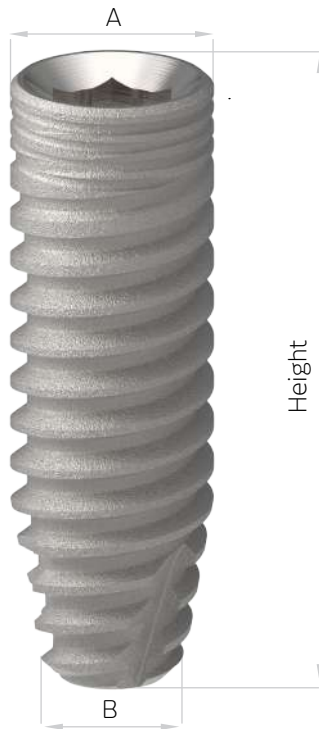
sole

Implant Guide



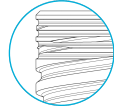
Sole Internal Hex. Implant

A Cylindrical screw type implant, self-tapping design.



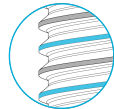
Platform Switching

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



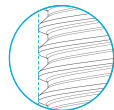
Micro Thread at the Coronal Region

Quadruple micro thread offering optimal load distribution and stress values, allowing maximum crestal bone preservation.



Double Thread Design

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



Cylindrical Implant Body

An ideal implant for most bone types.



Self Tapping

Enables easy insertion and stabilizes the implant.



Apically Tapered Implant Body

The apically tapered body allows bone condensation during implant insertion from apical to coronal area resulting in increased primary stability.

Sole Implant System

TAV Dental Sole internal hex implants are available in a wide range of diameters and lengths. It is recommended that implants Ø5 & Ø6 shall be used in the posterior areas, while Ø3.3, Ø3.75 and Ø4.2 shall be used in the anterior areas.

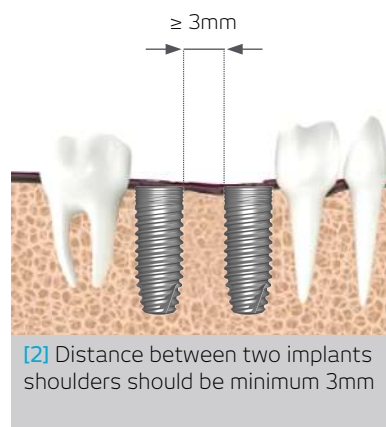
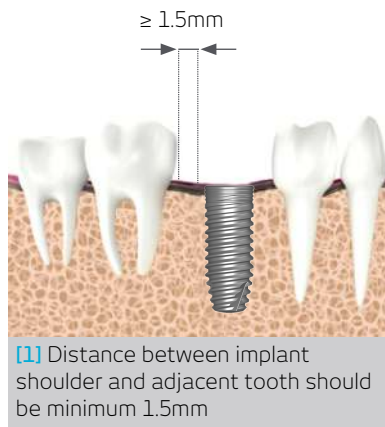
	Ø3.30	Ø3.75	Ø4.20	Ø5	Ø6
A					
B	Ø1.95	Ø2.40	Ø2.85	Ø3.65	Ø4.65
H	10,11.5,13,16	8,10,11.5,13,16	8,10,11.5,13,16	8,10,11.5,13	8,10,11.5,13

Diameter	Ø3.30mm	Ø3.75mm	Ø4.20mm	Ø5mm	Ø6mm
	2.10mm	2.44mm	2.44mm	2.44mm	2.44mm

Length	8mm				
	10mm	-	7100063	7100069	7100075
11.50mm	7100059	7100064	7100070	7100076	7100081
13mm	7100060	7100065	7100071	7100077	7100082
16mm	7100061	7100066	7100072	7100078	7100083
	7100062	7100067	7100073	-	-

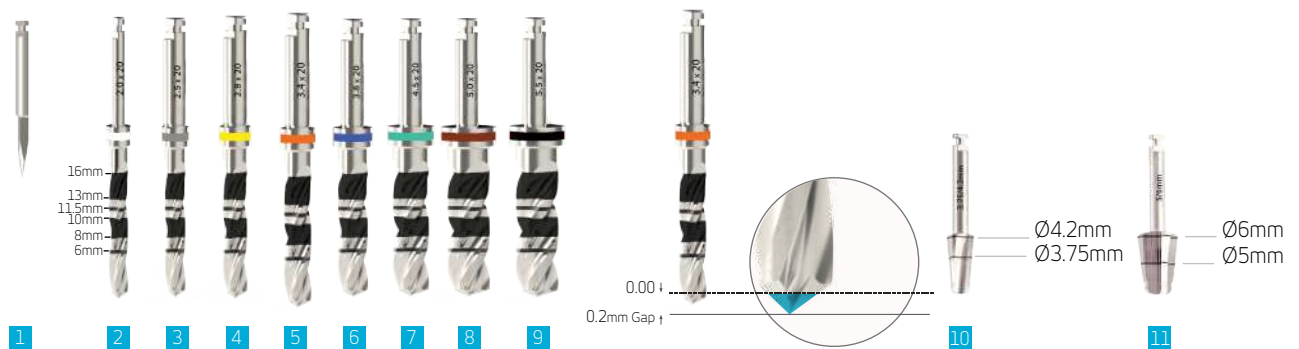
Recommended Planning Guidelines

Two basic rules must be followed while planning implant positioning. The need for careful planning is critical and shall be performed by dentists who are licensed and trained to perform these procedures. Adequate preoperative studies should as well be performed, in order to examine the anatomic structures and to assess the biomechanical, functional, and esthetic requirements of each case.



Surgical Procedure

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. TAV Dental drills are color-coded and marked for depths of 6, 8, 10, 11.5, 13 and 16mm.



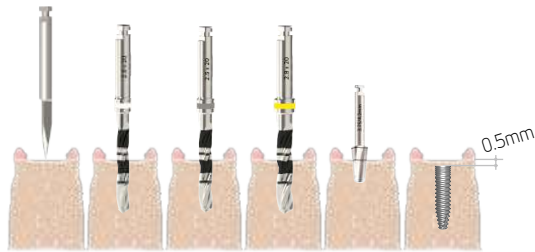
Tool	Catalog No.	Speed[rpm]
1 Precision Drill	7300001	1200-1500
2 Drill $\text{\O}2\text{mm}$	7300002	900-1200
3 Drill $\text{\O}2.5\text{mm}$	7300003	900-1200
4 Drill $\text{\O}2.8\text{mm}$	7300062	500-700
5 Drill $\text{\O}3.4\text{mm}$	7302005	400-700
6 Drill $\text{\O}3.8\text{mm}$	7300005	400-600
7 Drill $\text{\O}4.5\text{mm}$	7300006	300-500
8 Drill $\text{\O}5\text{mm}$	7300007	300-500
9 Drill $\text{\O}5.5\text{mm}$	7300008	250-450
10 Countersink $\text{\O}3.75\text{mm}-\text{\O}4.2\text{mm}$	7300009	200-400
11 Countersink $\text{\O}5\text{mm}-\text{\O}6\text{mm}$	7300010	200-400

Surgical Drilling Sequence

Please pay attention to the recommended drill speeds. The procedures described does not replace adequate training.

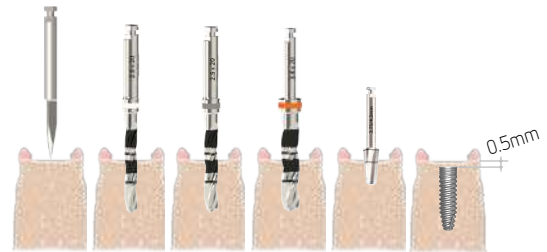
Ø3.30mm Implant Procedure

Drill Speed [rpm]	1200-1500	900-1200	900-1200	500-700	200-400
Diameter		Ø2	Ø2.50	Ø2.80	
				Optional for D1, D2	Optional for D3, D4



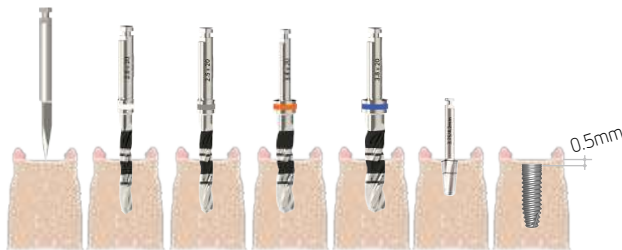
Ø3.75mm Implant Procedure

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



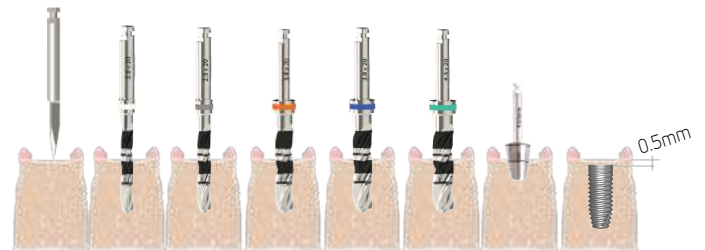
Ø4.20mm Implant Procedure

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



Ø5mm Implant Procedure

Drill Speed [rpm]	1200-1500	900-1200	500-700	400-700	400-600	300-500	200-400
Diameter		Ø2	Ø2.80	Ø3.40	Ø3.80	Ø4.50	Ø5-6
						Optional for D1, D2	Optional for D3, D4
























































Ø6mm Implant Procedure

Drill Speed [rpm]	1200-1500	900-1200	500-700	400-700	400-600	300-500	300-500	250-450	200-400
Diameter		Ø2	Ø2.80	Ø3.40	Ø3.80	Ø4.50	Ø5	Ø5.50	Ø5-6
								Optional for D1, D2	Optional for D3, D4



With sole implant, you have the choice between submerged or open healing. Each implant is supplied with cover screw, that can be used for submerged healing. Healing Time: Usually implants are allowed to heal for a period of 3-6 months prior to being restored.

	Healing Caps	Impression Copying & Analogs	Temporary Abutments	Final Abutments	Anatomic Abutments	Overdenture
Ø3.30mm	<p>Anatomic Healing Cap Ø4.0mm, NP 7200265 7200268 7200266 7200269 7200267</p> <p>Zirconia Anatomic Healing Cap Ø4.0mm, NP 7200521 7200523 7200522 7200524</p>    	<p>Implant Analog, NP 7200273</p> <p>Open Tray Transfer Ø3.3mm, NP 7200359</p>  	<p>Temporary Cylinder Abutment Peek Hexagonal, NP 7200540</p> <p>Temporary Cylinder Abutment Peek Round, NP 7200541</p>  	<p>Esthetic Abutment Titanium, NP 7200270 7200271 7200272</p> <p>Titanium Abutment straight, NP 7200396</p>   	<p>Tav Anatomic Abutment L4mm, NP 7200373 7200375 7200374 7200376</p> <p>Tav Anatomic Abutment L6mm, NP 7200377 7200379 7200378 7200380</p>  	<p>Ball Attachment Kit, NP 7200352 7200355 7200353 7200356 7200354</p> <p>Zirconia Locker, NP 7200513 7200517 7200514 7200518 7200515 7200519 7200516</p>  
Ø3.75mm	<p>Healing Cap Ø3.8mm, SP 7200064 7200067 7200065 7200184 7200066</p> <p>Anatomic Healing Cap Ø4.7mm, SP 7200174 7200177 7200175 7200178 7200176</p> <p>Anatomic Healing Cap Ø5.5mm, SP 7200068 7200070 7200069 7200397</p> <p>Zirconia Anatomic Healing Cap Ø4.7mm, SP 7200254 7200257 7200255 7200258 7200256</p> <p>Zirconia Anatomic Healing Cap Ø5.5mm, SP 7200367 7200369 7200368 7200370</p>     	<p>Implant Analog, SP 7200092</p> <p>Open Tray Transfer Ø3.75mm, SP 7200096</p>  	<p>Esthetic Abutment PEEK Straight 7200010 7200011 7200012</p> <p>Esthetic Abutment PEEK 15° 7200013 7200014 7200015</p> <p>Esthetic Abutment PEEK 25° 7200016 7200017 7200018</p> <p>Temporary Cylinder Abutment PEEK Hexagonal, SP 7200289</p> <p>Temporary Cylinder Abutment PEEK Round, SP 7200288</p>     	<p>Esthetic Abutment Titanium Long, SP 7200229 7200233 7200237 7200230 7200234 7200238 7200231 7200235 7200239 7200232 7200236 7200240</p>    	<p>Tav Anatomic Abutment L4mm, SP 7200161 7200167 7200164 7200170</p> <p>Tav Anatomic Abutment L6mm, SP 7200162 7200168 7200165 7200171</p> <p>Tav Anatomic Abutment L8mm, SP 7200163 7200169 7200166 7200172</p> <p>TAV Prosthetic Kit, SP 7200186 7200193 7200189 7200196 7200192 7200188 7200195 7200191 7200187 7200194 7200190 7200197</p>    	<p>Ball Attachment Kit, SP 7200044 7200047 7200045 7200185 7200046</p> <p>Zirconia Locker, SP 7200290 7200294 7200291 7200330 7200292 7200331 7200293</p> <p>Zirconia Locker with Ti-Base, SP 7200608 7200578 7200576 7200579 7200577</p>   
Ø4.20mm	<p>Healing Caps</p> 	<p>Healing Caps</p> 	<p>Titanium Abutments SP</p> 	<p>Locker SP</p> 	<p>Ball Attachments NP</p> 	<p>Open Tray Transfer</p> 
Ø5mm	<p>Healing Caps</p> 	<p>Healing Caps</p> 	<p>Titanium Abutments NP</p> 	<p>Locker NP</p> 	<p>Ball Attachments NP</p> 	<p>Open Tray Transfer</p>
Ø6mm	<p>Healing Caps</p> 	<p>Healing Caps</p> 	<p>Titanium Abutments SP</p> 	<p>Locker SP</p> 	<p>Ball Attachments NP</p>	<p>Open Tray Transfer</p>

Prosthetic Recommended Tightening Torques	Healing Caps	Peek Abutments	Titanium Abutments SP	Titanium Abutments NP	Locker SP	Locker NP	Ball Attachments SP	Ball Attachments NP	Open Tray Transfer
[N·cm]	15	15	30	25	30	25	30	25	Max.15

The Locker Abutments are for full overdentures multi-unit restorations only. It is recommended to use minimum 4 Locker abutments, to be splinted together, for support and retention of multiple restorations in full overdentures.

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