

BnS Implant

BASIC & STANDARD



Derbarzt
Inspire Your Life

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Derbarzt Dental
Inspire Your Life

**Derbarzt is the Master Brand of Hub Biotech
Specializing in Spine & Dental Implants**

Derbarzt is dedicated to inspiring life through medical solutions that help restore the value of living. Together with doctors and patients, Derbarzt aims to enhance the quality and value of everyone's life. Through relentless innovation and determination, Derbarzt aspires to become a global leader in medical healthcare solutions.

We go beyond traditional medical solutions by delivering exceptionally safe and highly customized premium solutions. Our mission is to empower you to envision a healthier and brighter tomorrow. With Derbarzt, your journey toward a better life is always supported.

BnS
Implant
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BnS Implant

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Best N Super
The Pure & Clean Implant



BnS Implant, **SOS to Dentists!**

Strong Self-Tapping
Osseointegration Enhancement
Secure Primary Stability



Residual Acid Zero, Clean & Pure

7-step & 15-cycle cleaning ensures acid-free, clean & pure implants.



Internal Hex and 11° Taper Connection

Submerged-type implant ensures excellent osseointegration and easy placement.



Ensures Stability and Reduces Fracture Risk

Upper threads boost stability, and robust thickness reduces fracture risk.



Optimized Osseointegration by SLA

SLA surface creates an ideal environment, enhancing long-term success.



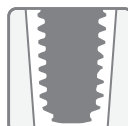
Self-Tapping Minimizes Bone Damage

The Cutting-Edge design enables easy adjustment during placement, reducing bone damage.



Implant & Bone Stress-Free

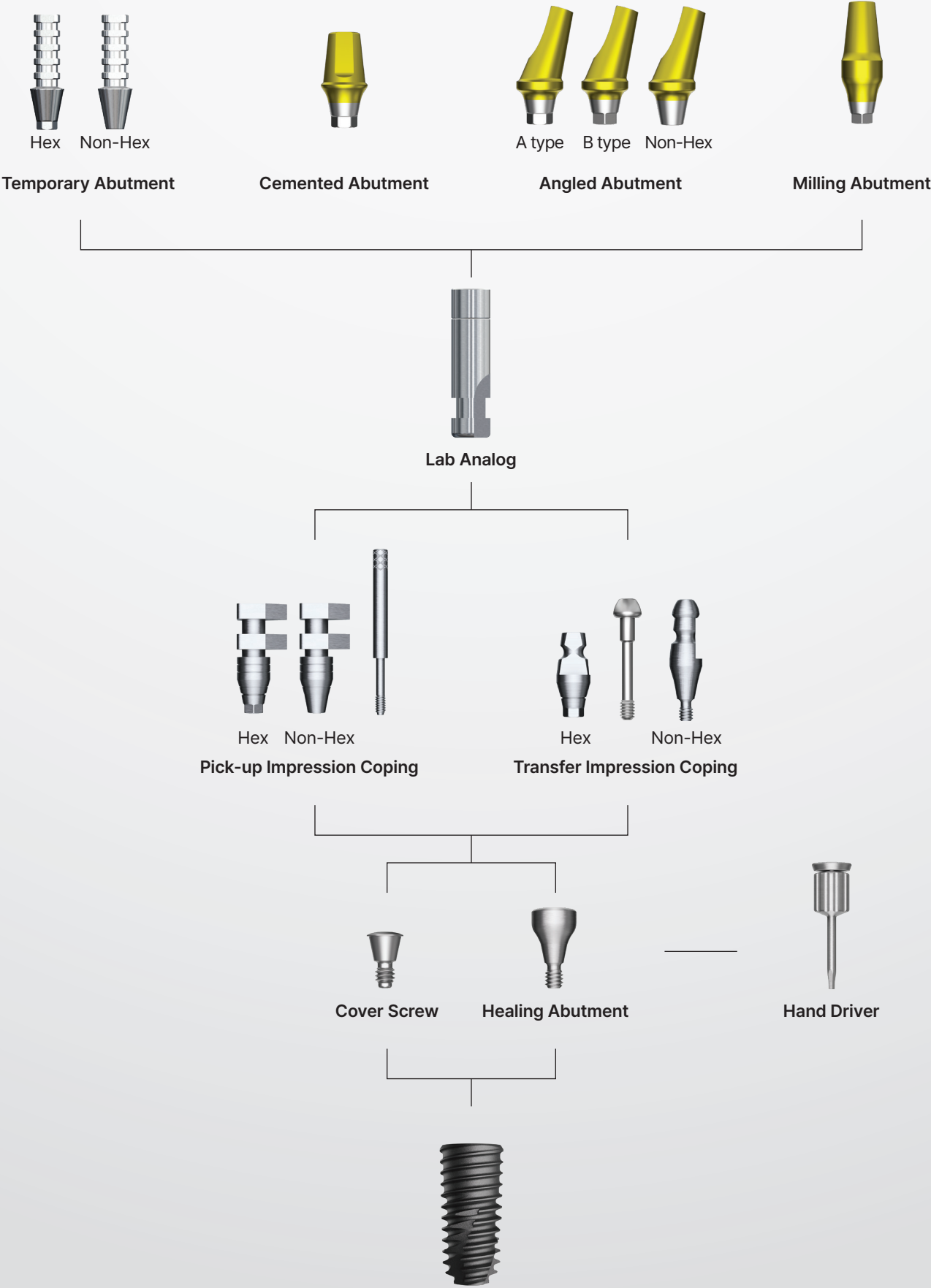
Corkscrew threads distribute stress for stable placement.



Superior Initial Stability with Tapered Body

Tapered design lowers bone resistance and enhances initial stability.

Prosthetic Flow Diagram



Fixture & Abutment

- BnS Fixture Line-up
- Cover & Abutment Screw
- Healing Abutment



BnS Fixture Line-up

- Cutting-edge design for strong self-tapping
- Small thread enhances stability in soft bone
- SLA surface optimizes osseointegration
- Corkscrew threads distribute stress for stable placement
- Immediate loading stability in soft bone
- Tapered body for superior initial stability
- Submerged implant with Internal hex and 11° taper
- Suitable for narrow bone widths
- Easy angulation correction in anterior regions
- Ideal for molar extraction and failed implant replacements
- Optimized apex for stability in lower 3mm
- Recommended torque: below 40Ncm

* For single molars, use implants 4.5mm or larger.



BnS Implant Specification		
Size	Mini	Regular
Diameter(Ø)	Ø3.5	Ø4.0, Ø4.5, Ø5.0
Hex	2.1	2.5
Length(mm)	8.5, 10, 11.5, 13	7, 8.5, 10, 11.5, 13



Size	D	Hex	L	Order Code
Mini	Ø3.5	2.1	8.5	BNS3508C
			10.0	BNS3510C
			11.5	BNS3511C
			13.0	BNS3513C



Size	D	Hex	L	Order Code
Regular	Ø4.0	2.5	7.0	BNS4007C
			8.5	BNS4008C
			10.0	BNS4010C
			11.5	BNS4011C
			13.0	BNS4013C



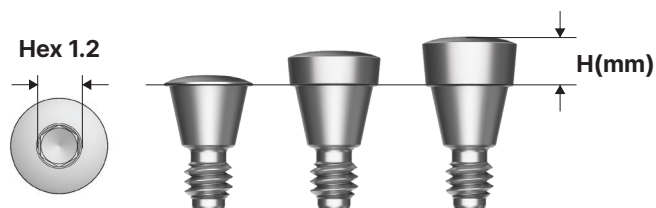
Size	D	Hex	L	Order Code
Regular	Ø4.5	2.5	7.0	BNS4507C
			8.5	BNS4508C
			10.0	BNS4510C
			11.5	BNS4511C
			13.0	BNS4513C



Size	D	Hex	L	Order Code
Regular	Ø5.0	2.5	7.0	BNS5007C
			8.5	BNS5008C
			10.0	BNS5010C
			11.5	BNS5011C
			13.0	BNS5013C

Cover Screw

- Select height(H) based on implant insertion depth
- Use a designated cover screw for Ø3.5 implants
- Tighten by hand using a 1.2 hex driver



Size	Hex	H	Order Code
Mini	1.2	0.4	BNSCS35
		1.4	BNSCS35M
		2.0	BNSCS35L



Size	Hex	H	Order Code
Regular	1.2	0.4	BNSCS40SG
		1.4	BNSCS40MG
		2.0	BNSCS40LG



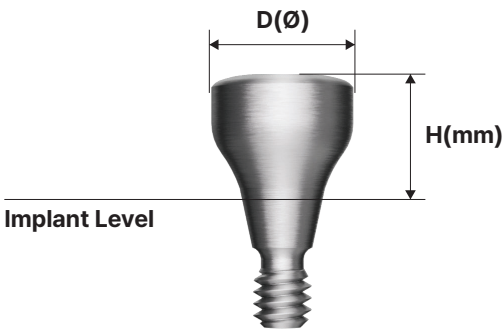
Abutment Screw

Size	Order Code
Mini	BNSABSM
Regular	BNSABSS



Healing Abutment

- Use the Mini specification for implants smaller than Ø3.5
- Tighten by hand using a 1.2 hex driver



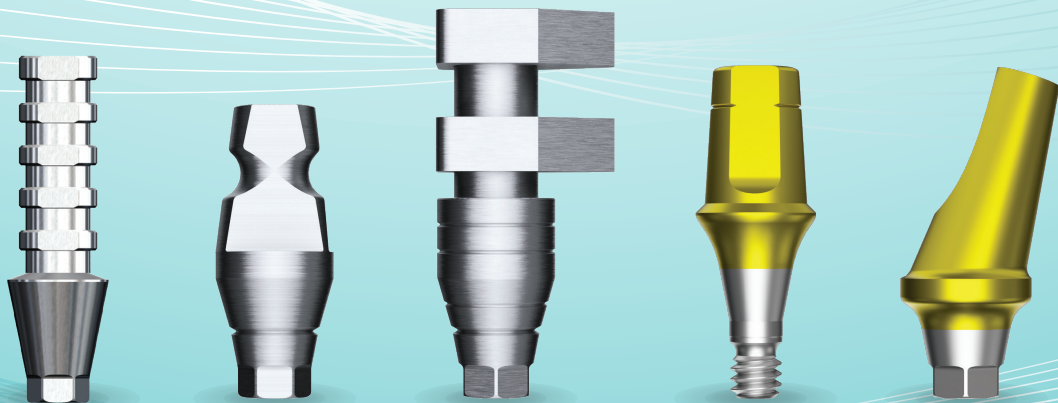
Size	D \ H	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Mini	Ø4.0	BNSHA403M	BNSHA404M	BNSHA405M	BNSHA406M	BNSHA407M	BNSHA408M	BNSHA409M
	Ø4.5	BNSHA453M	BNSHA454M	BNSHA455M	BNSHA456M	BNSHA457M	BNSHA458M	BNSHA459M



Size	D \ H	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Regular	Ø4.0	BNSHA403R	BNSHA404R	BNSHA405R	BNSHA406R	BNSHA407R	BNSHA408R	BNSHA409R
	Ø4.5	BNSHA453R	BNSHA454R	BNSHA455R	BNSHA456R	BNSHA457R	BNSHA458R	BNSHA459R
	Ø5.0	BNSHA503R	BNSHA504R	BNSHA505R	BNSHA506R	BNSHA507R	BNSHA508R	BNSHA509R
	Ø6.0	BNSHA603R	BNSHA604R	BNSHA605R	BNSHA606R	BNSHA607R	BNSHA608R	BNSHA609R
	Ø7.0	BNSHA703R	BNSHA704R	BNSHA705R	BNSHA706R	BNSHA707R	BNSHA708R	BNSHA709R
	Ø8.0			BNSHA805R				

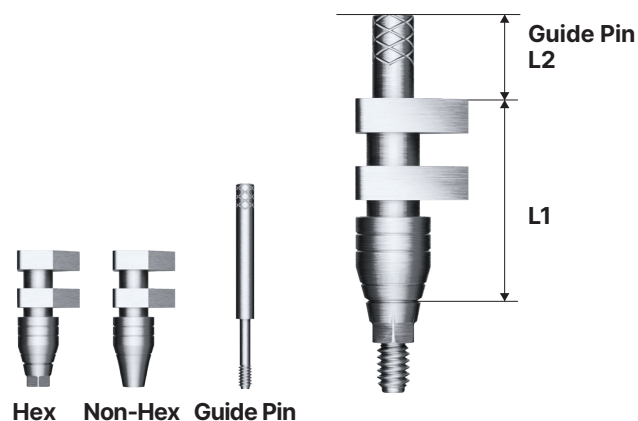
Prosthetic

- Pick-Up Impression Coping
- Transfer Impression Coping
- Lab Analog
- Rigid Abutment
- Cemented Abutment
- Angled Abutment
- Milling Abutment
- Pre-Milled Abutment



Pick-Up Impression Coping

- Components for Implant-Level Impression Taking
- Designed for use with an Open Tray technique
- Ensures stable fixation within the impression material
- Tightened manually using a 1.2 Hex Driver
- Packing Unit: Impression Coping Body(1ea) + Guide Pin*(1ea)



Impression Coping body

(mm)

L1	Size	D	Hex	Non-Hex
12	Mini	Ø4.0	BNSPIM4012	BNSPIM4012N
		Ø4.5	BNSPIM4512	BNSPIM4512N
	Regular	Ø4.0	BNSPIS4012	BNSPIS4012N
		Ø4.5	BNSPIS4512	BNSPIS4512N
		Ø5.0	BNSPIS5012	BNSPIS5012N
		Ø6.0	BNSPIS6012	BNSPIS6012N
		Ø7.0	BNSPIS7012	BNSPIS7012N
15	Mini	Ø4.0	BNSPIM4015	BNSPIM4015N
		Ø4.5	BNSPIM4515	BNSPIM4515N
	Regular	Ø4.0	BNSPIS4015	BNSPIS4015N
		Ø4.5	BNSPIS4515	BNSPIS4515N
		Ø5.0	BNSPIS5015	BNSPIS5015N
		Ø6.0	BNSPIS6015	BNSPIS6015N
		Ø7.0	BNSPIS7015	BNSPIS7015N

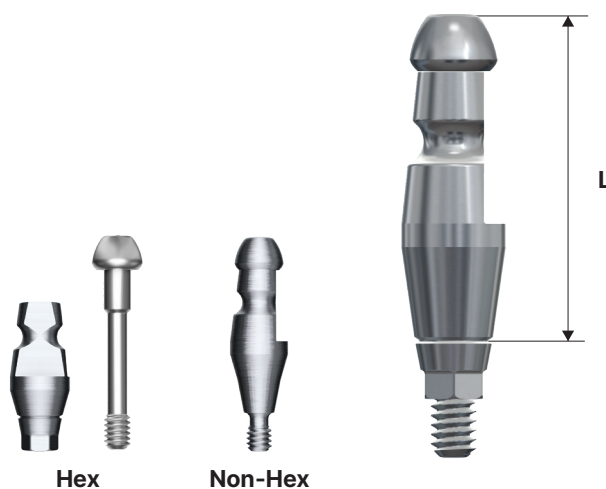
Guide Pin

(mm)

L1 \ L2	Size	0	5.0	9.0
12	Mini	BNSPGPM100	BNSPGPM150(*)	BNSPGPM150L
	Regular	BNSPGPR100	BNSPGPR150(*)	BNSPGPR150L
15	Mini	BNSPGPM100L	BNSPGPM150L(*)	BNSPGPM200L
	Regular	BNSPGPR100L	BNSPGPR150L(*)	BNSPGPR200L

Transfer Impression Coping

- Components for Implant-Level Impression Taking
- Designed for use with a Closed Tray technique
- Triangular arc structure ensures stable engagement and precise repositioning
- Tightened manually using a 1.2 Hex Driver
- Packing Unit:
Hex: Impression Coping Body(1ea) + Guide Pin(1ea)
Non-Hex: Impression Coping(1ea)

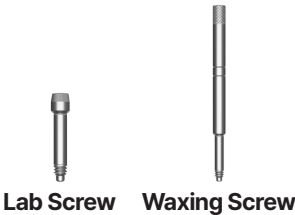


(mm)

L	Size	D	Hex	Non-Hex
11	Mini	Ø4.0	BNSTIM4011	BNSTIM4011N
		Ø4.5	BNSTIM4511	BNSTIM4511N
	Regular	Ø4.0	BNSTIS4011	BNSTIS4011N
		Ø4.5	BNSTIS4511	BNSTIS4511N
		Ø5.0	BNSTIS5011	BNSTIS5011N
		Ø6.0	BNSTIS6011	BNSTIS6011N
		Ø7.0	BNSTIS7011	BNSTIS7011N
14	Mini	Ø4.0	BNSTIM4014	BNSTIM4014N
		Ø4.5	BNSTIM4514	BNSTIM4514N
	Regular	Ø4.0	BNSTIS4014	BNSTIS4014N
		Ø4.5	BNSTIS4514	BNSTIS4514N
		Ø5.0	BNSTIS5014	BNSTIS5014N
		Ø6.0	BNSTIS6014	BNSTIS6014N
		Ø7.0	BNSTIS7014	BNSTIS7014N

Laboratory Screw

- Lab Screw: Abutment screw for lab work
- Waxing Screw: Used to extend the screw hole upwards for screw-type prosthetics or transfer jig fabrication
- Packing Unit: Includes lab screw(1ea) and waxing screw(1ea)



Size	Lab Screw	Waxing Screw
Mini	BNSABSML	BNSABSMW
Regular	BNSABSSL	BNSABSSW

Lab Analog

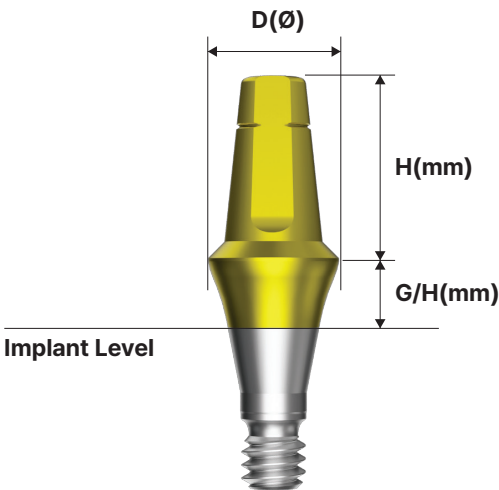
- Lab Analog for implant-level impressions
- Use based on implant diameter, categorized as Ø3.5 or Ø4.0 and above



Size	D	Order Code
Mini	Ø3.5	BNSTLA350
Regular	Ø4.0	BNSTLA400

Rigid Abutment

- Rigid abutments are typically screw-retained abutments, which are designed for a solid, non-movable connection
- Abutment for cement-retained prosthesis fabrication
- Abutment level impression
- Ø4.0: Tighten using outer driver
- Ø4.5/5.0/6.0: Tighten using outer driver or 1.2 hex driver
- Ø7.0: Tighten using 1.2 hex driver
- Recommended tightening torque: 30 Ncm



Size	D	H \ G/H	1.0	2.0	3.0	4.0	5.0
Mini	Ø4.0	4.0	BNSRA4410	BNSRA4420	BNSRA4430	BNSRA4440	BNSRA4450
		5.5	BNSRA4610	BNSRA4620	BNSRA4630	BNSRA4640	BNSRA4650
		7.0	BNSRA4710	BNSRA4720	BNSRA4730	BNSRA4740	BNSRA4750



Size	D	H \ G/H	1.0	2.0	3.0	4.0	5.0
Mini	Ø4.5	4.0	BNSRA4411	BNSRA4421	BNSRA4431	BNSRA4441	BNSRA4451
		5.5	BNSRA4611	BNSRA4621	BNSRA4631	BNSRA4641	BNSRA4651
		7.0	BNSRA4711	BNSRA4721	BNSRA4731	BNSRA4741	BNSRA4751



(mm)

Size	D	$\frac{G}{H}$	1.0	2.0	3.0	4.0	5.0
Regular	Ø4.0	4.0	BNSRAS4410	BNSRAS4420	BNSRAS4430	BNSRAS4440	BNSRAS4450
		5.5	BNSRAS4610	BNSRAS4620	BNSRAS4630	BNSRAS4640	BNSRAS4650
		7.0	BNSRAS4710	BNSRAS4720	BNSRAS4730	BNSRAS4740	BNSRAS4750



(mm)

Size	D	$\frac{G}{H}$	1.0	2.0	3.0	4.0	5.0
Regular	Ø4.5	4.0	BNSRAS4411	BNSRAS4421	BNSRAS4431	BNSRAS4441	BNSRAS4451
		5.5	BNSRAS4611	BNSRAS4621	BNSRAS4631	BNSRAS4641	BNSRAS4651
		7.0	BNSRAS4711	BNSRAS4721	BNSRAS4731	BNSRAS4741	BNSRAS4751



(mm)

Size	D	$\frac{G}{H}$	1.0	2.0	3.0	4.0	5.0
Regular	Ø5.0	4.0	BNSRA5410	BNSRA5420	BNSRA5430	BNSRA5440	BNSRA5450
		5.5	BNSRA5610	BNSRA5620	BNSRA5630	BNSRA5640	BNSRA5650
		7.0	BNSRA5710	BNSRA5720	BNSRA5730	BNSRA5740	BNSRA5750



(mm)

Size	D	$\frac{G}{H}$	1.0	2.0	3.0	4.0	5.0
Regular	Ø6.0	4.0	BNSRA6410	BNSRA6420	BNSRA6430	BNSRA6440	BNSRA6450
		5.5	BNSRA6610	BNSRA6620	BNSRA6630	BNSRA6640	BNSRA6650
		7.0	BNSRA6710	BNSRA6720	BNSRA6730	BNSRA6740	BNSRA6750

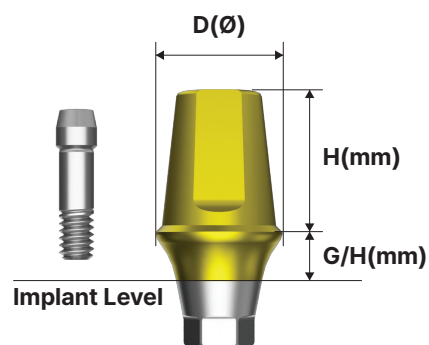


(mm)

Size	D	$\frac{G}{H}$	1.0	2.0	3.0	4.0	5.0
Regular	Ø7.0	5.5	BNSRA7610	BNSRA7620	BNSRA7630	BNSRA7640	BNSRA7650

Cemented Abutment

- Abutment for cement-retained or combination prosthesis
- Tightened using a 1.2 hex driver
- Recommended tightening torque: 20 Ncm (Mini), 30 Ncm (Regular)
- Packing Unit includes: Abutment(1ea) + Abutment Screw(1ea)



Size	D	H	G/H	Hex	Non-Hex
Mini	Ø4.0	4.0	1	BNSCA4412	BNSCA4412N
			2	BNSCA4422	BNSCA4422N
			3	BNSCA4432	BNSCA4432N
			4	BNSCA4442	BNSCA4442N
			5	BNSCA4452	BNSCA4452N
			6	BNSCA4462	BNSCA4462N
			7	BNSCA4472	BNSCA4472N
		5.5	1	BNSCA4612	BNSCA4612N
			2	BNSCA4622	BNSCA4622N
			3	BNSCA4632	BNSCA4632N
			4	BNSCA4642	BNSCA4642N
			5	BNSCA4652	BNSCA4652N
			6	BNSCA4662	BNSCA4662N
			7	BNSCA4672	BNSCA4672N
		7.0	1	BNSCA4712	BNSCA4712N
			2	BNSCA4722	BNSCA4722N
			3	BNSCA4732	BNSCA4732N
			4	BNSCA4742	BNSCA4742N
			5	BNSCA4752	BNSCA4752N
			6	BNSCA4762	BNSCA4762N
			7	BNSCA4772	BNSCA4772N
	Ø4.5	4.0	1	BNSCA4411	BNSCA4411N
			2	BNSCA4421	BNSCA4421N
			3	BNSCA4431	BNSCA4431N
			4	BNSCA4441	BNSCA4441N
			5	BNSCA4451	BNSCA4451N
			6	BNSCA4461	BNSCA4461N
			7	BNSCA4471	BNSCA4471N
		5.5	1	BNSCA4611	BNSCA4611N
			2	BNSCA4621	BNSCA4621N
			3	BNSCA4631	BNSCA4631N
			4	BNSCA4641	BNSCA4641N
			5	BNSCA4651	BNSCA4651N
			6	BNSCA4661	BNSCA4661N
			7	BNSCA4671	BNSCA4671N
		7.0	1	BNSCA4711	BNSCA4711N
			2	BNSCA4721	BNSCA4721N
			3	BNSCA4731	BNSCA4731N
			4	BNSCA4741	BNSCA4741N
			5	BNSCA4751	BNSCA4751N
			6	BNSCA4761	BNSCA4761N
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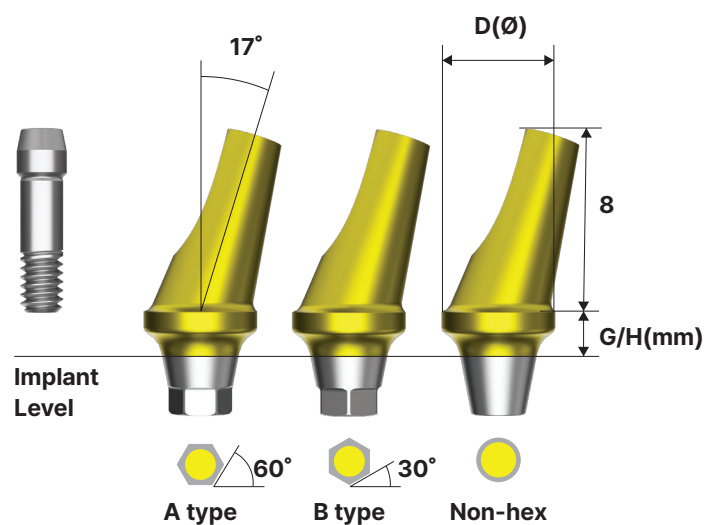
Size	D	H	G/H	Hex	Non-Hex
Regular	Ø4.5	4.0	1	BNSCAS4411	BNSCAS4411N
			2	BNSCAS4421	BNSCAS4421N
			3	BNSCAS4431	BNSCAS4431N
			4	BNSCAS4441	BNSCAS4441N
			5	BNSCAS4451	BNSCAS4451N
			6	BNSCAS4461	BNSCAS4461N
			7	BNSCAS4471	BNSCAS4471N
		5.5	1	BNSCAS4611	BNSCAS4611N
			2	BNSCAS4621	BNSCAS4621N
			3	BNSCAS4631	BNSCAS4631N
			4	BNSCAS4641	BNSCAS4641N
			5	BNSCAS4651	BNSCAS4651N
			6	BNSCAS4661	BNSCAS4661N
			7	BNSCAS4671	BNSCAS4671N
		7.0	1	BNSCAS4711	BNSCAS4711N
			2	BNSCAS4721	BNSCAS4721N
			3	BNSCAS4731	BNSCAS4731N
			4	BNSCAS4741	BNSCAS4741N
			5	BNSCAS4751	BNSCAS4751N
			6	BNSCAS4761	BNSCAS4761N
			7	BNSCAS4771	BNSCAS4771N
	Ø5.0	4.0	1	BNSCA5410	BNSCA5410N
			2	BNSCA5420	BNSCA5420N
			3	BNSCA5430	BNSCA5430N
			4	BNSCA5440	BNSCA5440N
			5	BNSCA5450	BNSCA5450N
			6	BNSCA5460	BNSCA5460N
			7	BNSCA5470	BNSCA5470N
		5.5	1	BNSCA5610	BNSCA5610N
			2	BNSCA5620	BNSCA5620N
			3	BNSCA5630	BNSCA5630N
			4	BNSCA5640	BNSCA5640N
			5	BNSCA5650	BNSCA5650N
			6	BNSCA5660	BNSCA5660N
			7	BNSCA5670	BNSCA5670N
		7.0	1	BNSCA5710	BNSCA5710N
			2	BNSCA5720	BNSCA5720N
			3	BNSCA5730	BNSCA5730N
			4	BNSCA5740	BNSCA5740N
			5	BNSCA5750	BNSCA5750N
			6	BNSCA5760	BNSCA5760N
			7	BNSCA5770	BNSCA5770N

Cemented Abutment

Size	D	H	G/H	Hex	Non-Hex
Regular	Ø6.0	4.0	1	BNSCA6410	BNSCA6410N
			2	BNSCA6420	BNSCA6420N
			3	BNSCA6430	BNSCA6430N
			4	BNSCA6440	BNSCA6440N
			5	BNSCA6450	BNSCA6450N
			6	BNSCA6460	BNSCA6460N
			7	BNSCA6470	BNSCA6470N
		5.5	1	BNSCA6610	BNSCA6610N
			2	BNSCA6620	BNSCA6620N
			3	BNSCA6630	BNSCA6630N
			4	BNSCA6640	BNSCA6640N
			5	BNSCA6650	BNSCA6650N
			6	BNSCA6660	BNSCA6660N
			7	BNSCA6670	BNSCA6670N
		7.0	1	BNSCA6710	BNSCA6710N
			2	BNSCA6720	BNSCA6720N
			3	BNSCA6730	BNSCA6730N
			4	BNSCA6740	BNSCA6740N
			5	BNSCA6750	BNSCA6750N
			6	BNSCA6760	BNSCA6760N
			7	BNSCA6770	BNSCA6770N
	Ø7.0	4.0	1	BNSCA7410	BNSCA7410N
			2	BNSCA7420	BNSCA7420N
			3	BNSCA7430	BNSCA7430N
			4	BNSCA7440	BNSCA7440N
			5	BNSCA7450	BNSCA7450N
			6	BNSCA7460	BNSCA7460N
			7	BNSCA7470	BNSCA7470N
		5.5	1	BNSCA7610	BNSCA7610N
			2	BNSCA7620	BNSCA7620N
			3	BNSCA7630	BNSCA7630N
			4	BNSCA7640	BNSCA7640N
			5	BNSCA7650	BNSCA7650N
			6	BNSCA7660	BNSCA7660N
			7	BNSCA7670	BNSCA7670N
		7.0	1	BNSCA7710	BNSCA7710N
			2	BNSCA7720	BNSCA7720N
			3	BNSCA7730	BNSCA7730N
			4	BNSCA7740	BNSCA7740N
			5	BNSCA7750	BNSCA7750N
			6	BNSCA7760	BNSCA7760N
			7	BNSCA7770	BNSCA7770N

Angled Abutment

- Abutment for cement-retained or combination prosthesis fabrication
- Compensates for implant placement angles up to 23° without the need for adjustment
- Implant level impression
- Tightened using a 1.2 hex driver
- Recommended tightening torque: 20 Nern(Mini), 30 Nern(Regular)
- Packing Unit includes: Abutment(1ea) + Abutment screw(1ea)

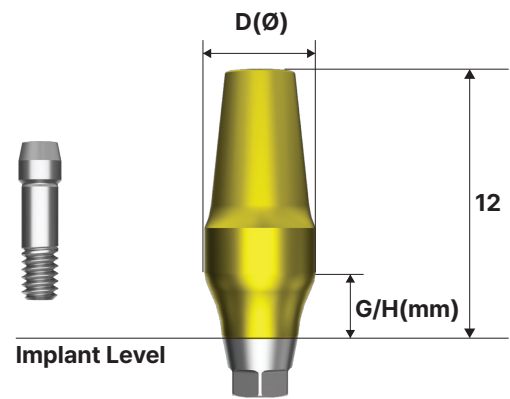


Size	D	G/H	A type	B type	Non-Hex
Mini	Ø4.0	2.0	BNSAA4020MA	BNSAA4020MB	BNSAA4020MN
		4.0	BNSAA4040MA	BNSAA4040MB	BNSAA4040MN
	Ø4.5	2.0	BNSAA4520MA	BNSAA4520MB	BNSAA4520MN
		4.0	BNSAA4540MA	BNSAA4540MB	BNSAA4540MN

Size	D	G/H	A type	B type	Non-Hex
Regular	Ø4.5	2.0	BNSAA4520A	BNSAA4520B	BNSAA4520N
		4.0	BNSAA4540A	BNSAA4540B	BNSAA4540N
	Ø5.0	2.0	BNSAA5020A	BNSAA5020B	BNSAA5020N
		4.0	BNSAA5040A	BNSAA5040B	BNSAA5040N
	Ø6.0	2.0	BNSAA6020A	BNSAA6020B	BNSAA6020N
		4.0	BNSAA6040A	BNSAA6040B	BNSAA6040N

Milling Abutment

- Abutment for cement-retained or combination prosthesis fabrication
- Used for modifying the margin shape of the abutment
- Implant level impression
- Tightened using a 1.2 hex driver
- Recommended tightening torque: 20 Ncm (Mini), 30 Ncm (Regular)
- Packing unit includes: Abutment(1ea) + Abutment Screw(1ea)



Size	D	G/H	Hex	Non-Hex
Mini	Ø4.0	1.5	BNSFAM4015	BNSFAM4015N
		3.0	BNSFAM4030	BNSFAM4030N

Size	D	G/H	Hex	Non-Hex
Regular	Ø5.0 Straight	1.5	BNSFAS5015	BNSFAS5015N
		3.0	BNSFAS5030	BNSFAS5030N
	Ø4.0	1.5	BNSFA4015	BNSFA4015N
		3.0	BNSFA4030	BNSFA4030N
	Ø5.0	1.5	BNSFA5015	BNSFA5015N
		3.0	BNSFA5030	BNSFA5030N
	Ø6.0	1.5	BNSFA6015	BNSFA6015N
		3.0	BNSFA6030	BNSFA6030N
	Ø7.0	1.5	BNSFA7015	BNSFA7015N
		3.0	BNSFA7030	BNSFA7030N

Pre-Milled Abutment

- Custom abutment fabricated using milling machines for laboratory use
- Various dedicated lineups for different milling machines such as ARUM, Cameleon, MANIX and so on
- Packing Unit includes: Abutment(1ea) + Abutment Screw(2ea)



Equipment	Size	D	Type	Order Code
• ARUM • lmes-icore • Dental plus	Mini	Ø10	Hex	BNSPM10ARM
		Ø10	Non-Hex	BNSPM10ARMN
	Regular	Ø10	Hex	BNSPM10ARR
		Ø10	Non-Hex	BNSPM10ARRN
	Mini	Ø14	Hex	BNSPM14ARM
		Ø14	Non-Hex	BNSPM14ARMN
	Regular	Ø14	Hex	BNSPM14ARR
		Ø14	Non-Hex	BNSPM14ARRN
• Cameleon (Neo Biotech)	Mini	Ø10	Hex	BNSPM10CAM
		Ø10	Non-Hex	BNSPM10CAMN
	Regular	Ø10	Hex	BNSPM10CAR
		Ø10	Non-Hex	BNSPM10CARN
	Mini	Ø14	Hex	BNSPM14CAM
		Ø14	Non-Hex	BNSPM14CAMN
	Regular	Ø14	Hex	BNSPM14CAR
		Ø14	Non-Hex	BNSPM14CARN
• MANIX	Mini	Ø10	Hex	BNSPM10MXM
		Ø10	Non-Hex	BNSPM10MXMN
	Regular	Ø10	Hex	BNSPM10MXR
		Ø10	Non-Hex	BNSPM10MXRN
	Mini	Ø14	Hex	BNSPM14MXM
		Ø14	Non-Hex	BNSPM14MXMN
	Regular	Ø14	Hex	BNSPM14MXR
		Ø14	Non-Hex	BNSPM14MXRN

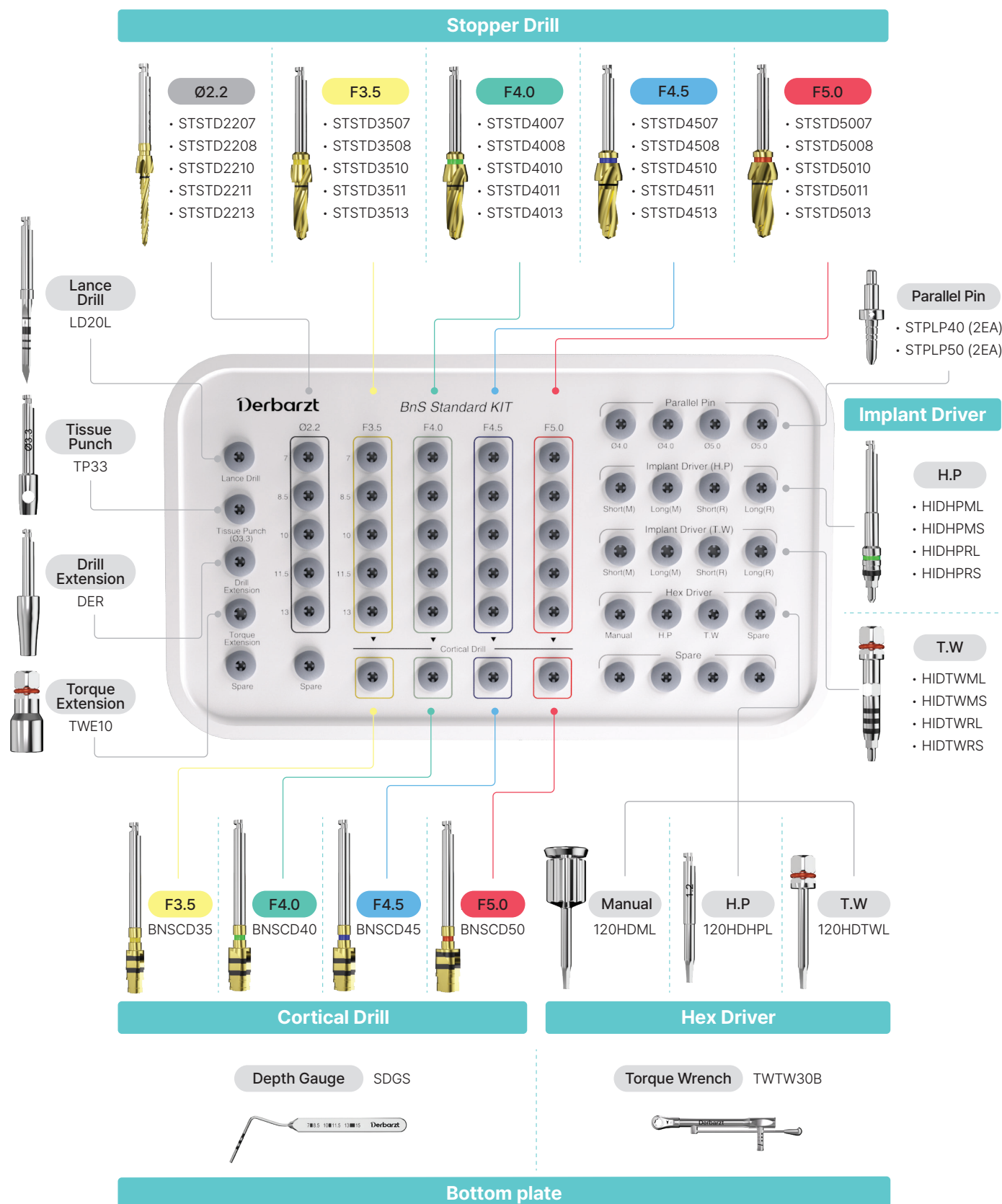
KIT

- Standard KIT
- Drilling Sequence
- Surgical Instrument

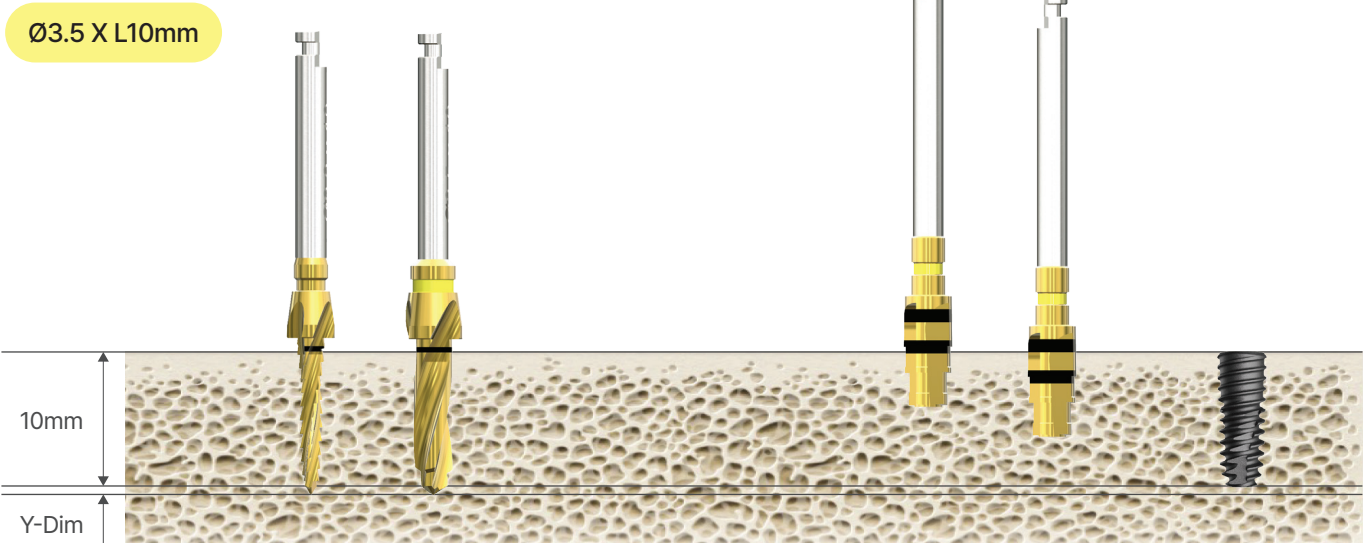
.....

- Simple KIT
- Drilling Sequence
- Surgical Instrument

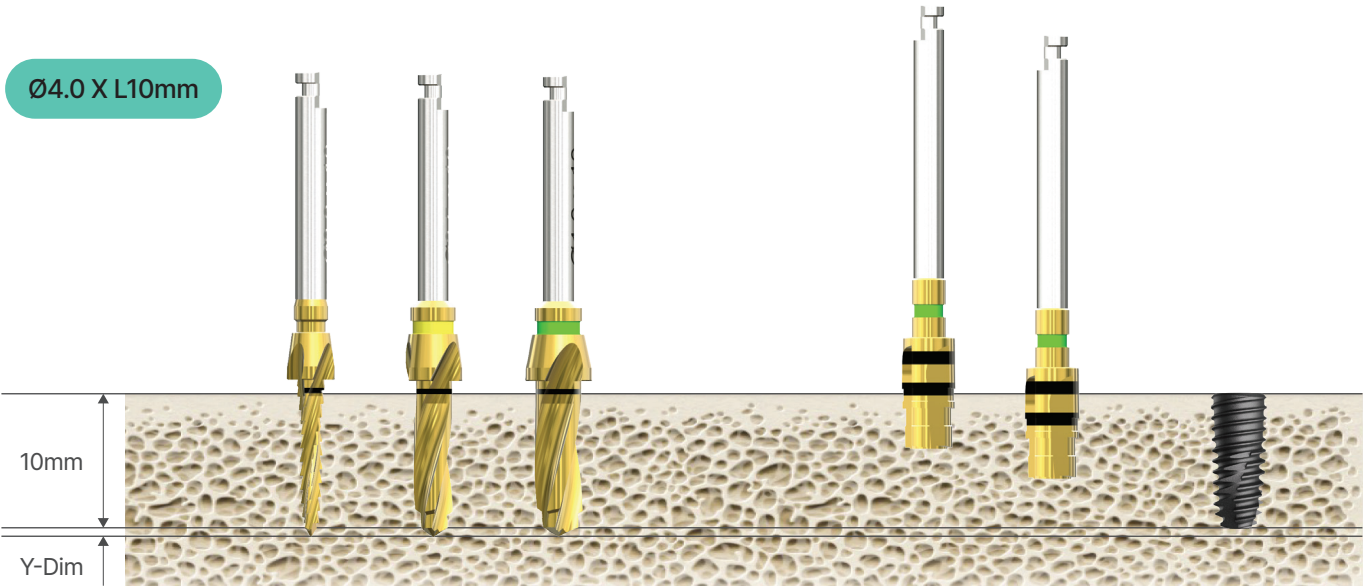
Standard KIT



Drilling Sequence



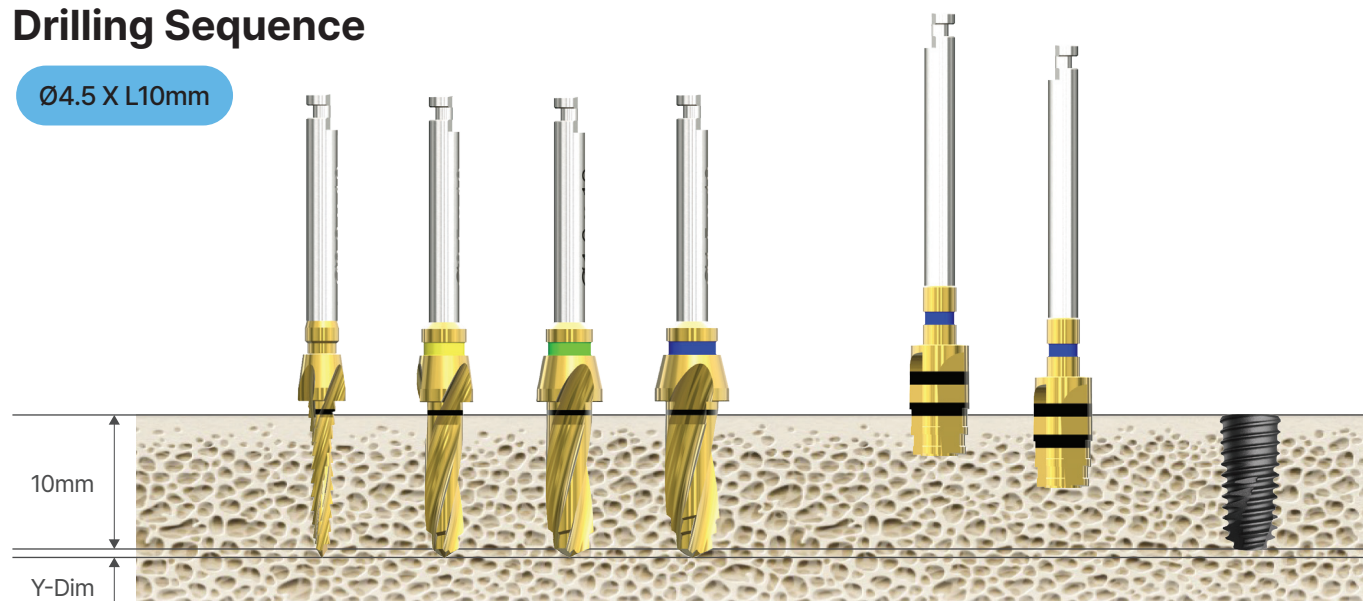
Implant	Bone Density	Drill Ø2.2	Drill F3.5				Cortical Drill F3.5 Lower Line	Cortical Drill F3.5 Upper Line	Implant Driver (H.P)	Implant Driver (T.W)
Ø3.5	Soft Normal Hard								Implant Placement (Up to 80%)	Implant Placement



Implant	Bone Density	Drill Ø2.2	Drill F3.5	Drill F4.0			Cortical Drill F4.0 Lower Line	Cortical Drill F4.0 Upper Line	Implant Driver (H.P)	Implant Driver (T.W)
Ø4.0	Soft Normal Hard								Implant Placement (Up to 80%)	Implant Placement

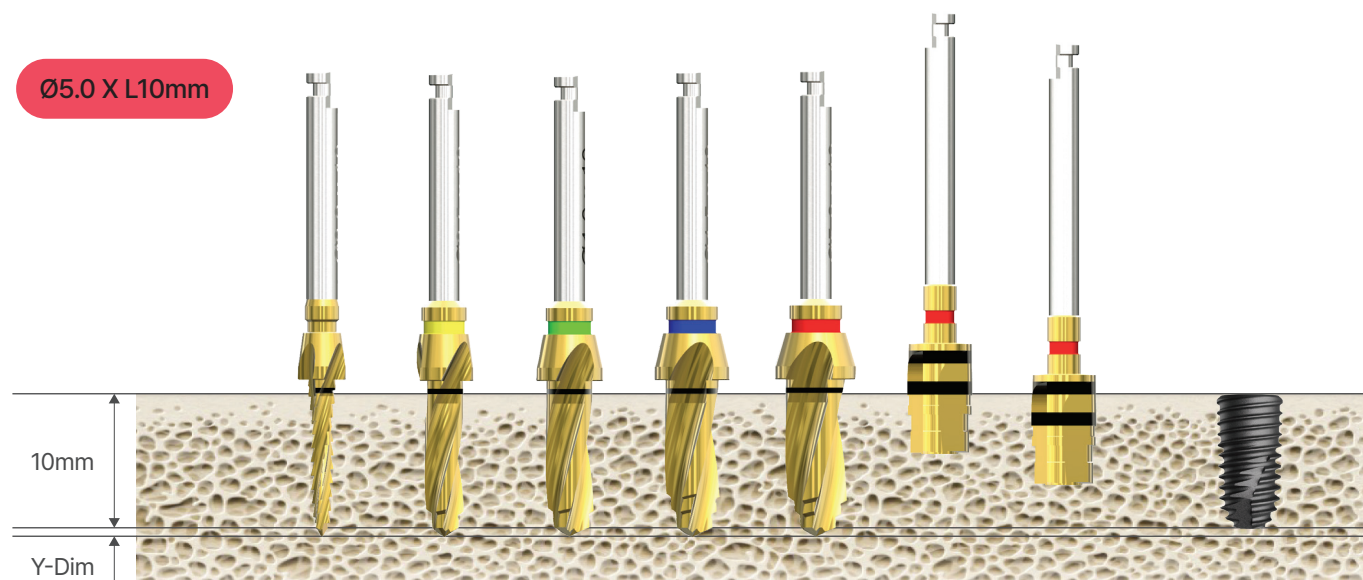
Drilling Sequence

Ø4.5 X L10mm



Implant	Bone Density	Drill Ø2.2	Drill F3.5	Drill F4.0	Drill F4.5		Cortical Drill F4.5 Lower Line	Cortical Drill F4.5 Upper Line	Implant Driver (H.P)	Implant Driver (T.W)
Ø4.5	Soft	●	●	●						
	Normal	●	●	(●)	●		●		Implant Placement (Up to 80%)	Implant Placement
	Hard	●	●	(●)	●			●		

Ø5.0 X L10mm



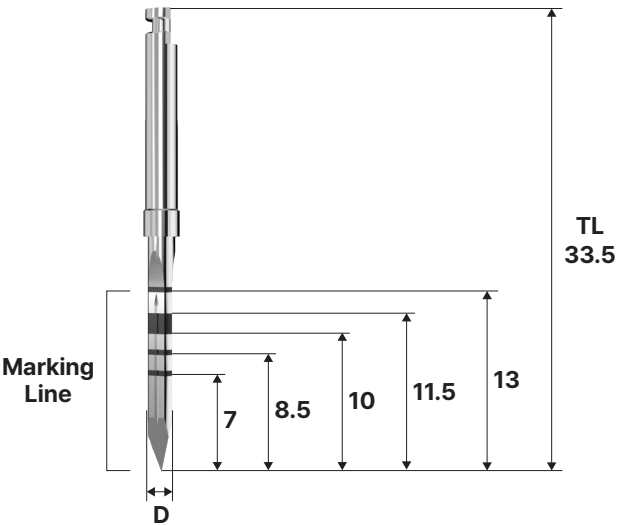
Implant	Bone Density	Drill Ø2.2	Drill F3.5	Drill F4.0	Drill F4.5	Drill F5.0	Cortical Drill F5.0 Lower Line	Cortical Drill F5.0 Upper Line	Implant Driver (H.P)	Implant Driver (T.W)
Ø5.0	Soft	●	●	(●)	●					
	Normal	●	●	(●)	(●)	●	●		Implant Placement (Up to 80%)	Implant Placement
	Hard	●	●	(●)	(●)	●		●		

Lance Drill

- Hole formation for easy initial drilling
- Marking line length based on bottom edge

(mm)

D	TL	Order Code
Ø2.0	33.5	LD20L

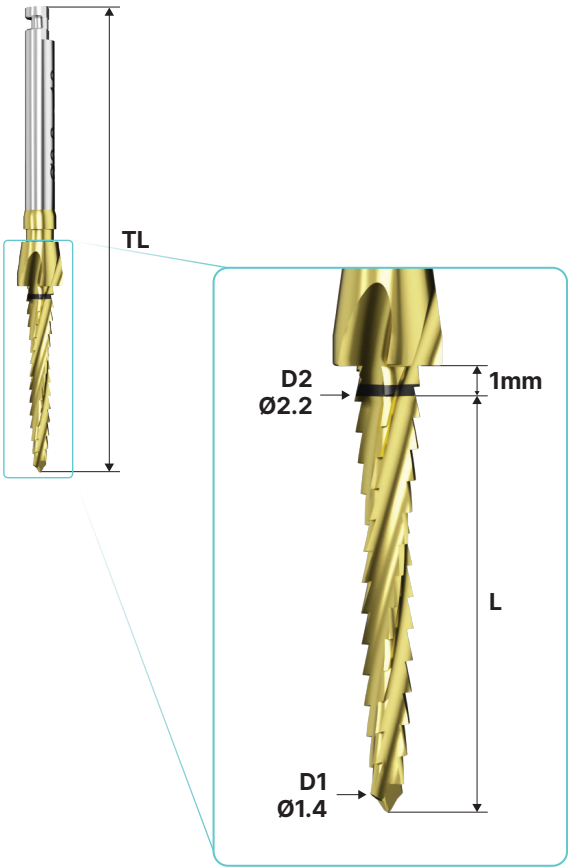


Stopper Drill Ø2.2

- Creates hole for easy initial drilling
- Built-in stopper with 1mm safety margin
- Enables ridge removal in extraction sockets
- Facilitates site preparation post-extraction
- Side-cutting possible via cutting blades on drill body

(mm)

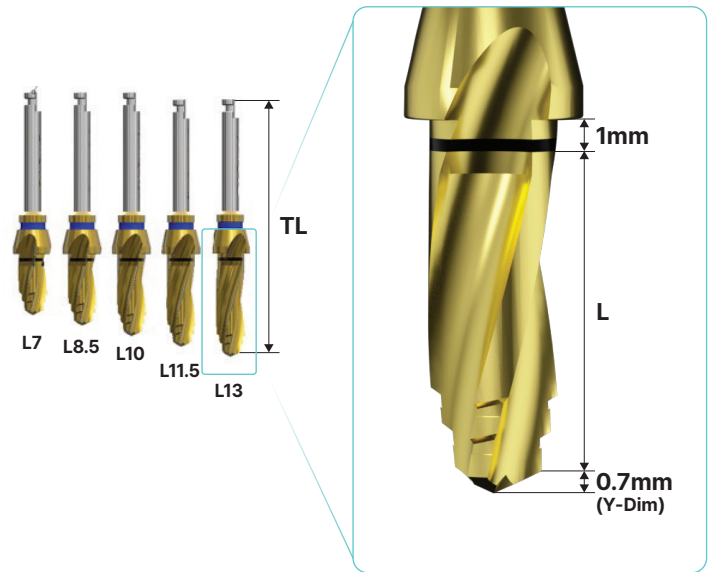
L	TL	Order Code
7.7	31.7	STSTD2207
9.2	33.2	STSTD2208
10.7	34.7	STSTD2210
12.2	35.2	STSTD2211
13.7	36.7	STSTD2213



Stopper Drill (F3.5~F5.0)

- Straight drill designed to reduce drilling steps
- Equipped with 1mm stopper for safety
- Color-coded shank indicates diameter and compatible main implant

* F = Final Drill | Y-Dim 0.7mm



(mm)

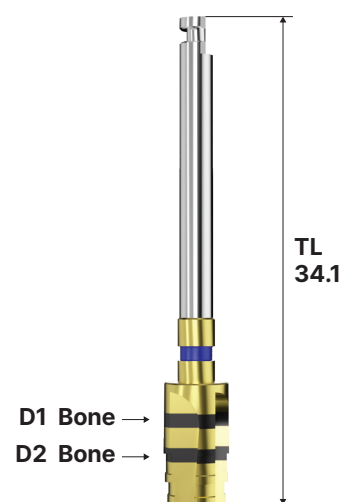
L	TL	F3.5	F4.0	F4.5	F5.0
7.0	31.0	STSTD3507	STSTD4007	STSTD4507	STSTD5007
8.5	32.5	STSTD3508	STSTD4008	STSTD4508	STSTD5008
10.0	34.0	STSTD3510	STSTD4010	STSTD4510	STSTD5010
11.5	34.5	STSTD3511	STSTD4011	STSTD4511	STSTD5011
13.0	36.0	STSTD3513	STSTD4013	STSTD4513	STSTD5013

Cortical Drill

- Used for removing cortical bone
- Recommended drilling up to bottom marking line
- Bottom line: normal bone / Top line: hard bone reference
- Color-coded shank indicates diameter and compatible main implant

* F = Final Drill

Standard KIT, Simple KIT



(mm)

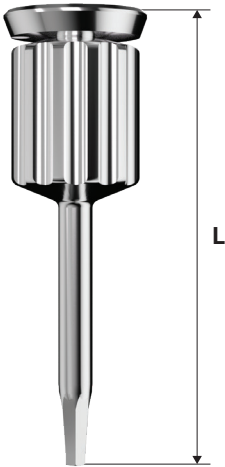
TL	F3.5	F4.0	F4.5	F5.0
34.1	BNSCD35	BNSCD40	BNSCD45	BNSCD50

Hex Driver (Manual)

- 1.2 Hex
- Manual driver
- Equipped with tip holding function

Standard KIT, Simple KIT

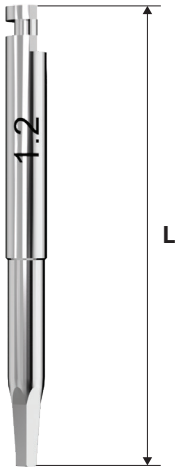
(mm)			
Size	Short	Middle	Long
L	22.8	24.8	27.8
Order Code	120HDMS	120HDMM	*120HDML



Hex Driver (H.P)

- 1.2 Hex
- Manual driver
- Equipped with tip holding function

(mm)		
Size	Short	Long
L	20.0	26.0
Order Code	120HDHPS	*120HDHPL



Hex Driver (T.W)

- 1.2 Hex
- For torque wrench connection
- Tip holding function included
- Follow recommended torque limits (excess torque may cause fracture)
- Fracture may occur even under low torque if not fully seated
- Apply torque vertically (do not tilt)
- Replace if tip is bent due to prolonged use or over-torque

Standard KIT, Simple KIT

(mm)			
Size	Short	Middle	Long
L	19.5	21.5	26.5
Order Code	120HDTWS	120HDTWM	*120HDTWL

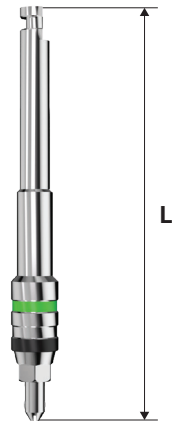


Implant Driver (H.P)

- Connects directly to implant for placement with surgical handpiece
- C = Connection

(mm)

C		Short	Long
Mini	L	27.0	32.0
	Order Code	HIDHPMS	HIDHPML
Regular	L	27.4	32.4
	Order Code	HIDHPRS	HIDHPRL



Implant Driver (T.W)

- Connects directly to implant for final depth adjustment and removal
- C = Connection

(mm)

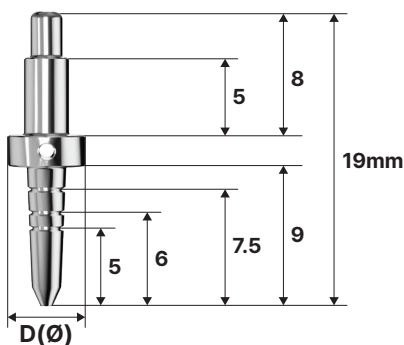
C		Short	Long
Mini	L	19.6	26.6
	Order Code	HIDTWMS	HIDTWML
Regular	L	19.8	26.8
	Order Code	HIDTWRS	HIDTWRL



Parallel Pin

Standard KIT, Simple KIT

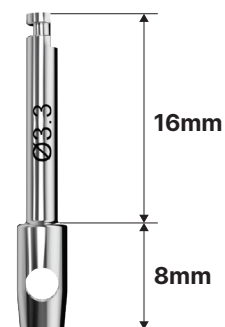
- Used to check position and direction during bone preparation
- Lower end: for initial drill, Upper end: for Ø2.2 or 3.0 to Ø3.5 drills



D	Ø4.0	Ø5.0
Order Code	STPLP40	STPLP50

Tissue Punch

- Used for gingiva removal in flapless surgery
- Recommended speed: 800–1,200 RPM



D	Ø3.3	Ø3.8	Ø4.3
Order Code	TP33	TP38	TP43

Drill Extension

- Extends length of drills and handpiece tools by 15mm
- Caution: Bending or fracture may occur if excessive force is applied without proper connection

	(mm)
L(Extension)	15
Order Code	DER



Torque Extension

- Extends driver length by 10mm when connected to torque wrench

	(mm)
L(Extension)	10
Order Code	TWE10



Depth Gauge

- Drilling Depth Indicator (7–15mm)

Order Code	SDGS
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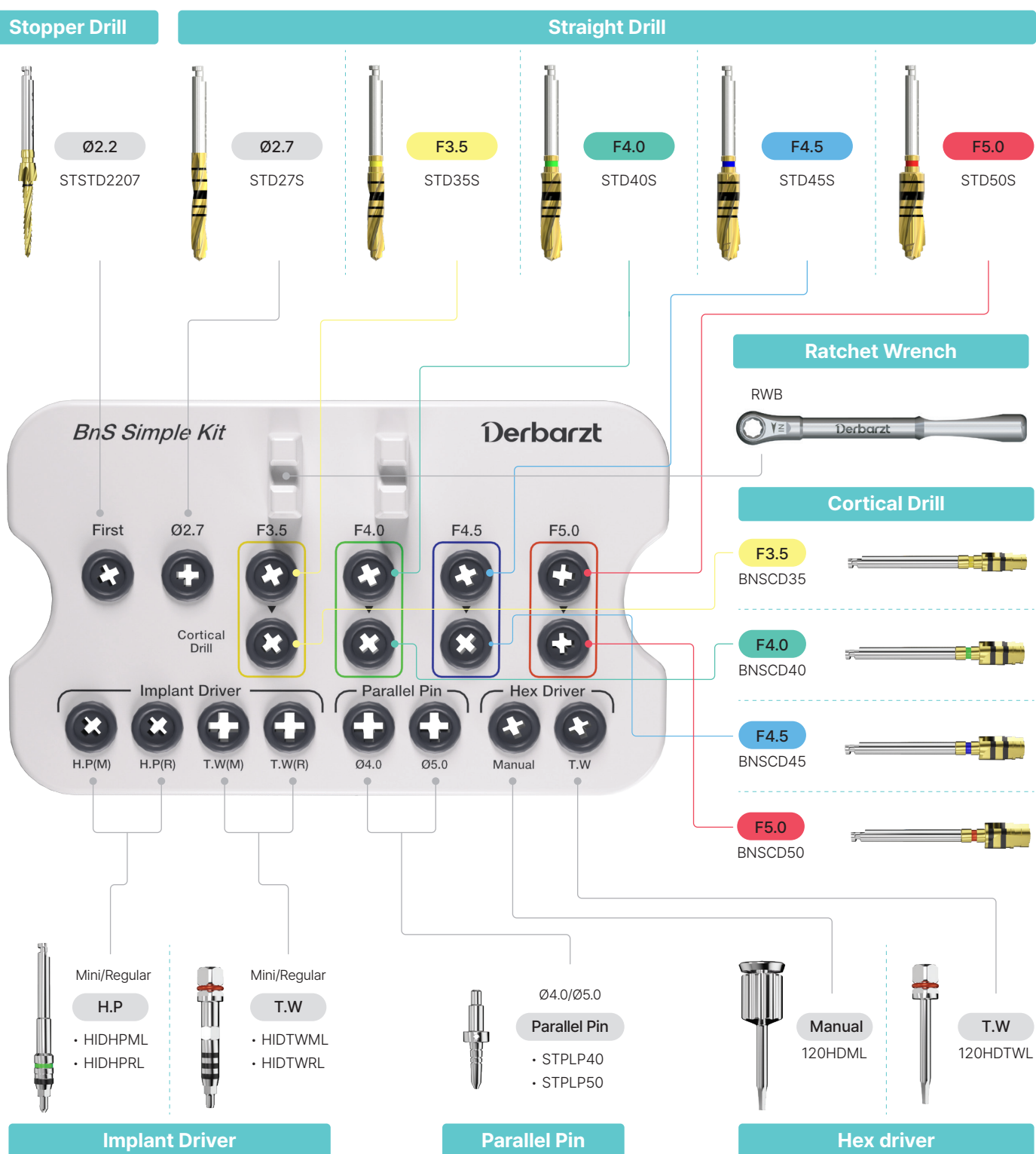
Torque Wrench (Bar Type)

- For implant positioning and tightening abutments/screws
- Pull bar to marked torque value

Order Code	TWTW30B
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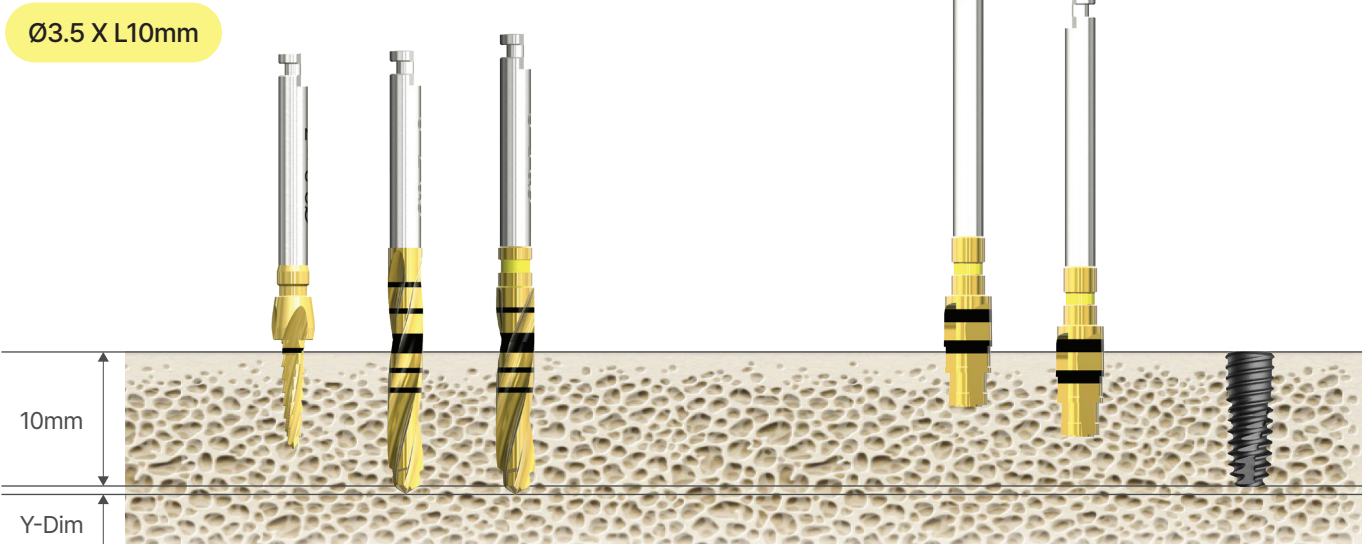


BnS Simple KIT

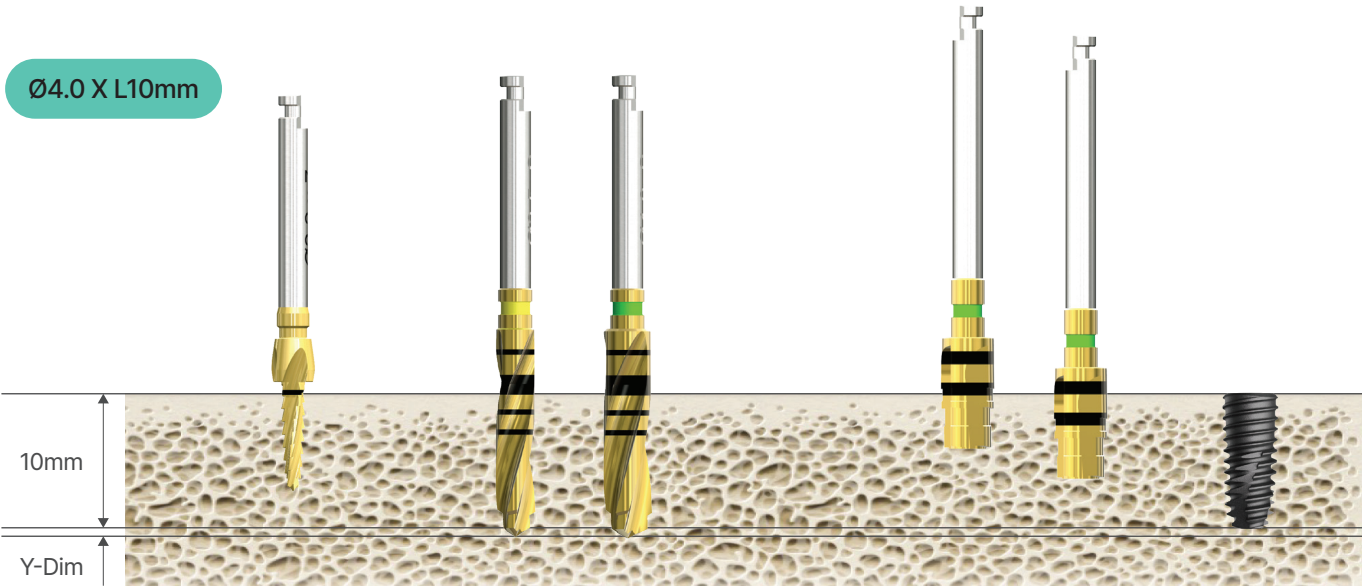


• For 7mm implant placement, drill Ø2.2 Stopper Drill to bottom of marking line
(Distance from drill tip to bottom line: 7.7mm)

Drilling Sequence



Implant	Bone Density	Drill Ø2.2	Drill Ø2.7	Drill F3.5	Drill F4.0	Drill F4.5	Drill F5.0	Cortical Drill F3.5 Lower Line	Cortical Drill F3.5 Upper Line	Implant Driver (H.P)	Implant Driver (T.W)
Ø3.5	Soft Normal Hard									Implant Placement (Up to 80%)	Implant Placement

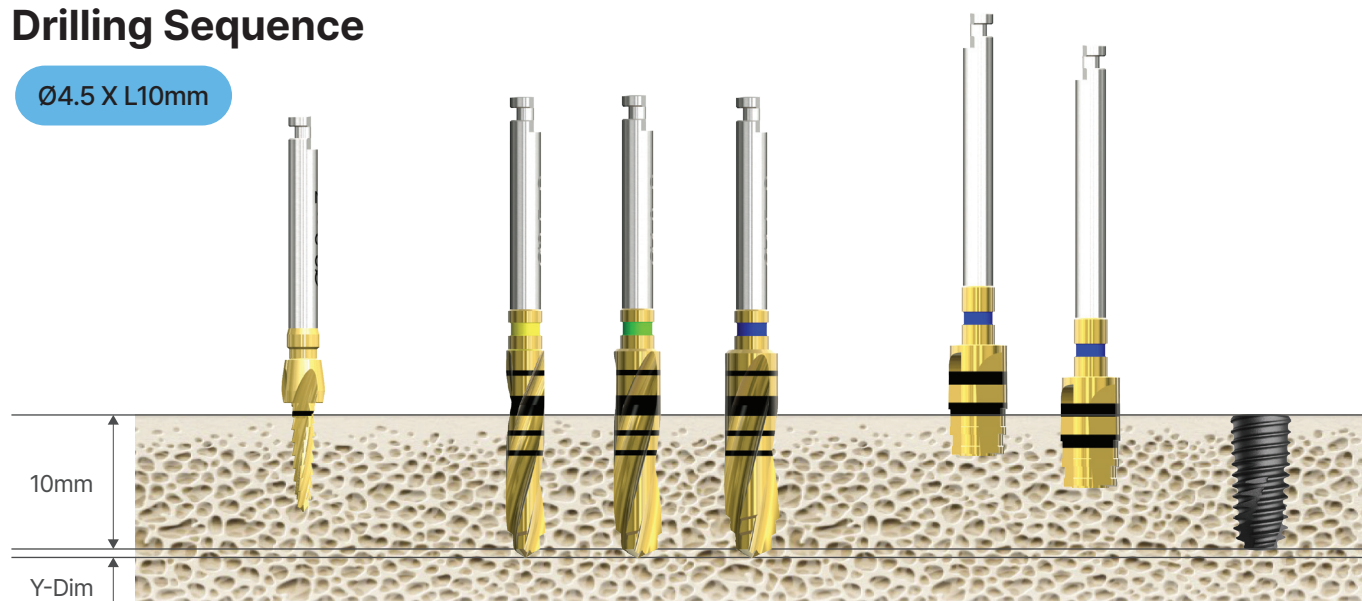


Implant	Bone Density	Drill Ø2.2	Drill Ø2.7	Drill F3.5	Drill F4.0	Drill F4.5	Drill F5.0	Cortical Drill F3.5 Lower Line	Cortical Drill F3.5 Upper Line	Implant Driver (H.P)	Implant Driver (T.W)
Ø4.0	Soft Normal Hard									Implant Placement (Up to 80%)	Implant Placement

- For 7mm implant placement, drill Ø2.2 Stopper Drill to bottom of marking line
(Distance from drill tip to bottom line: 7.7mm)

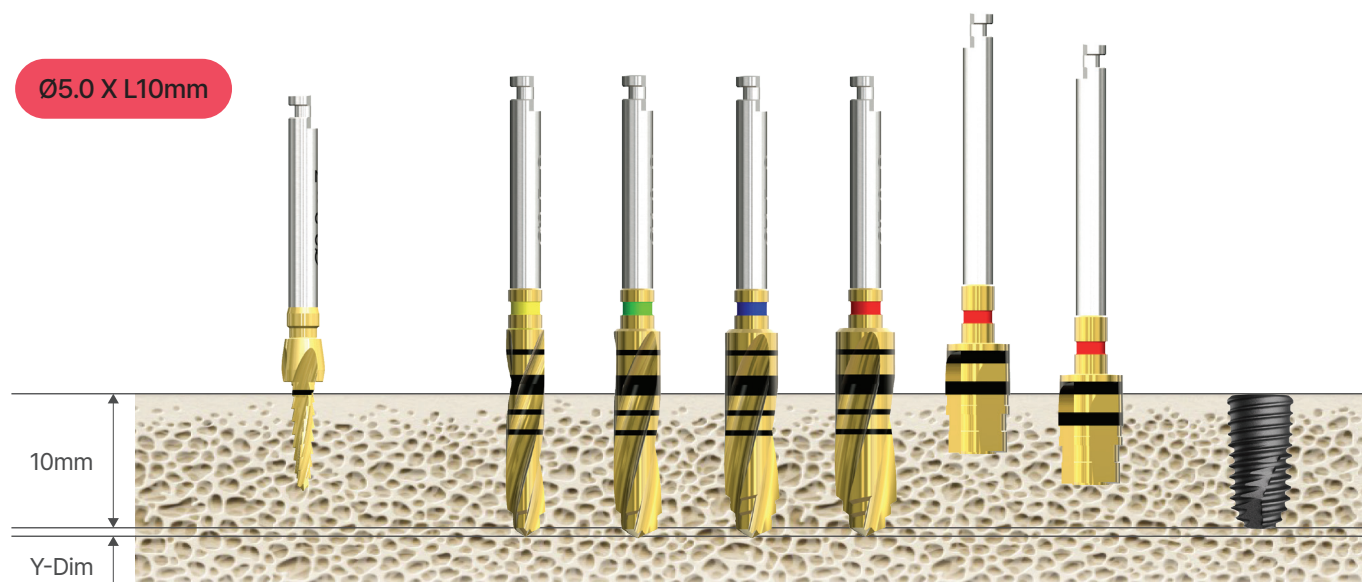
Drilling Sequence

Ø4.5 X L10mm



Implant	Bone Density	Drill Ø2.2	Drill Ø2.7	Drill F3.5	Drill F4.0	Drill F4.5	Drill F5.0	Cortical Drill F3.5 Lower Line	Cortical Drill F3.5 Upper Line	Implant Driver (H.P)	Implant Driver (T.W)
Ø4.5	Soft	●		●	●					Implant Placement (Up to 80%)	Implant Placement
	Normal	●		●	(●)	●		●			
	Hard	●		●	(●)	●			●		

Ø5.0 X L10mm



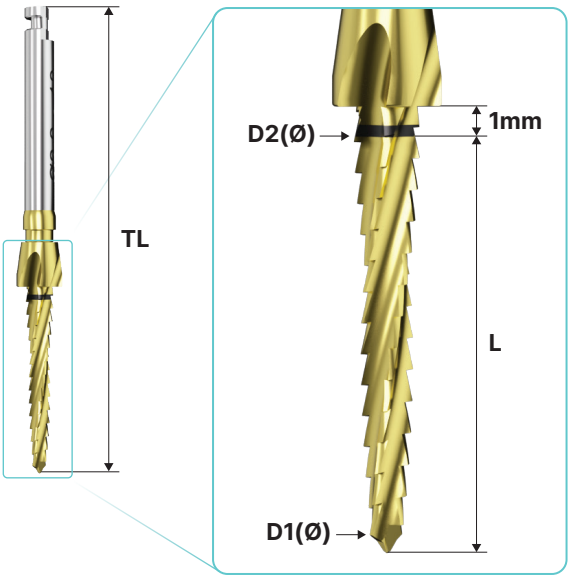
Implant	Bone Density	Drill Ø2.2	Drill Ø2.7	Drill F3.5	Drill F4.0	Drill F4.5	Drill F5.0	Cortical Drill F3.5 Lower Line	Cortical Drill F3.5 Upper Line	Implant Driver (H.P)	Implant Driver (T.W)
Ø5.0	Soft	●		●	(●)	●				Implant Placement (Up to 80%)	Implant Placement
	Normal	●		●	(●)	(●)	●	●			
	Hard	●		●	(●)	(●)	●		●		

Stopper Drill Ø2.2

- Forms hole for easy initial drilling
- Built-in stopper with 1mm safety margin
- Used for ridge removal in extraction sites
- Facilitates post-extraction site preparation
- Side-cutting enabled via body blade design

L	TL	Order Code
7.7	31.7	STSTD2207

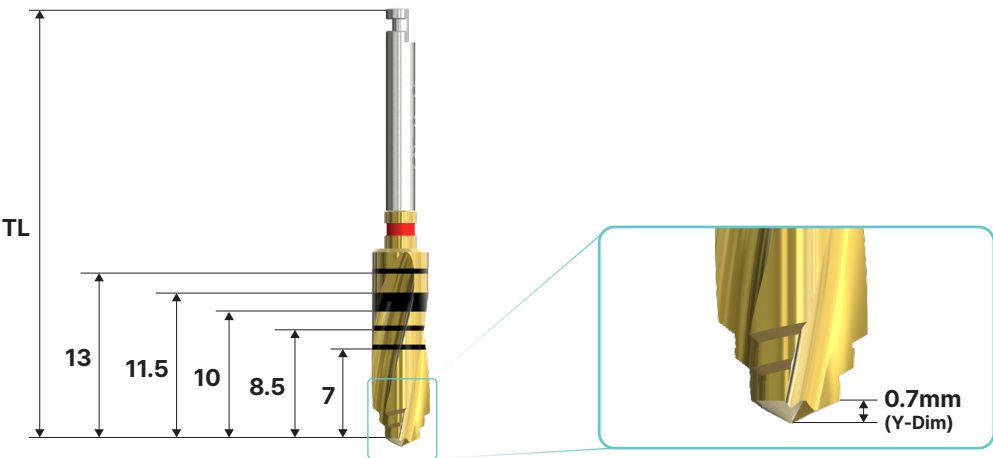
*D1 : Ø1.4, D2 : Ø2.2



Straight Drill

- Straight drill to reduce drilling steps
- Color-coded shank indicates diameter and compatible implant

※ F = Final Drill | Y-Dim 0.7mm



(mm)					
TL	Ø2.7	F3.5	F4.0	F4.5	F5.0
33	STD27S				
34		STD35S	STD40S	STD45S	STD50S

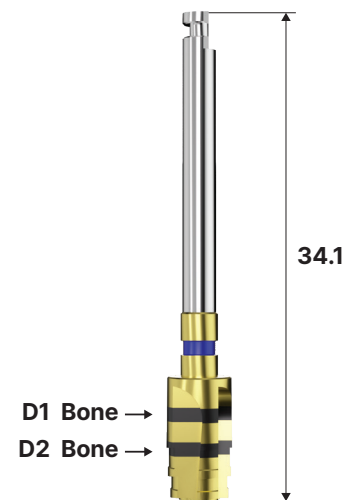
Cortical Drill

- Use for cortical bone removal
- Use up to bottom marking line
- Bottom line: normal bone / Top line: hard bone reference
- Color-coded shank shows diameter and compatible implant

* F = Final Drill

Standard KIT, Simple KIT

F3.5	F4.0	F4.5	F5.0
BNSCD35	BNSCD40	BNSCD45	BNSCD50

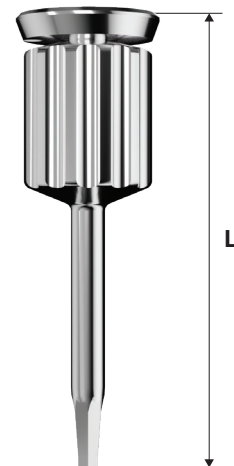


Hex Driver (Manual)

- 1.2 Hex
- Manual driver
- Equipped with tip holding function

Standard KIT, Simple KIT

	(mm)		
Size	Short	Middle	Long
L	22.8	24.8	27.8
Order Code	120HDMS	120HDMM	120HDML

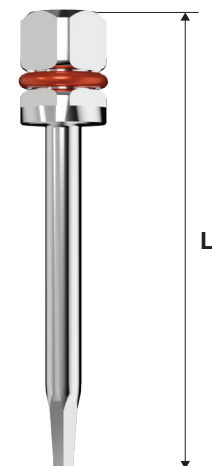


Hex Driver (T.W)

- 1.2 Hex
- For torque wrench connection
- Tip holding function included
- Follow recommended torque limits (excess torque may cause fracture)
- Fracture may occur even under low torque if not fully seated
- Apply torque vertically (do not tilt)
- Replace if tip is bent due to prolonged use or over-torque

Standard KIT, Simple KIT

	(mm)		
Size	Short	Middle	Long
L	19.5	21.5	26.5
Order Code	120HDTWS	120HDTWM	120HDTWL

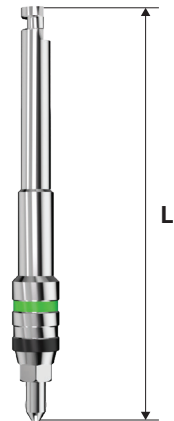


Implant Driver (H.P)

Standard KIT, Simple KIT

- Connects directly to implant for placement with surgical handpiece
- C = Connection (mm)

C		Long
Mini	L	32.0
	Order Code	HIDHPML
Regular	L	32.4
	Order Code	HIDHPRL



Implant Driver (T.W)

Standard KIT, Simple KIT

- Connects directly to implant for final depth adjustment and removal
- C = Connection (mm)

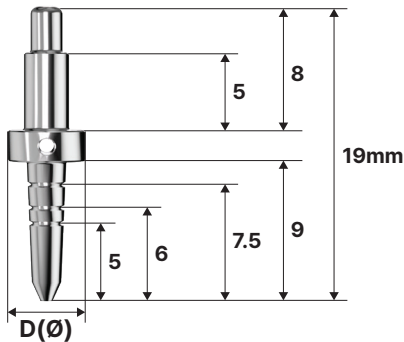
C		Long
Mini	L	26.6
	Order Code	HIDTWML
Regular	L	26.8
	Order Code	HIDTWRL



Parallel Pin

Standard KIT, Simple KIT

- Used to check position and direction during bone preparation
- Lower end: for initial drill, Upper end: for Ø2.2 or 3.0 to Ø3.5 drills



D	Ø4.0	Ø5.0
Order Code	STPLP40	STPLP50

Ratchet Wrench

- Avoid excessive torque – risk of bone or implant damage



Order Code	RWB
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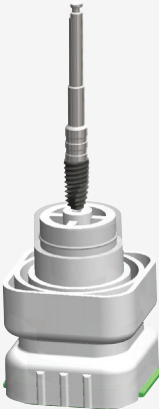
Implant Ampule User Guide

The BnS Implant is designed as a unified structure with an **"Air-Floating" type ampule**, separating the implant from external contaminants by rotation in a sterile environment. This prevents direct contact between the implant and the interior of the ampule, effectively blocking external contaminants and maintaining the implant in its optimal, pristine condition.

Air-Floating Ampule Components

			
	Implant	Ampule Cap	Ampule Cap Cover

How to Use the Implant Ampule

	1 	2 Simple & Easy 	3 
	Connect the Implant Driver	Set the engine to implant placement mode and rotate	Place the implant

BnS Implant
BASIC & STANDARD

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