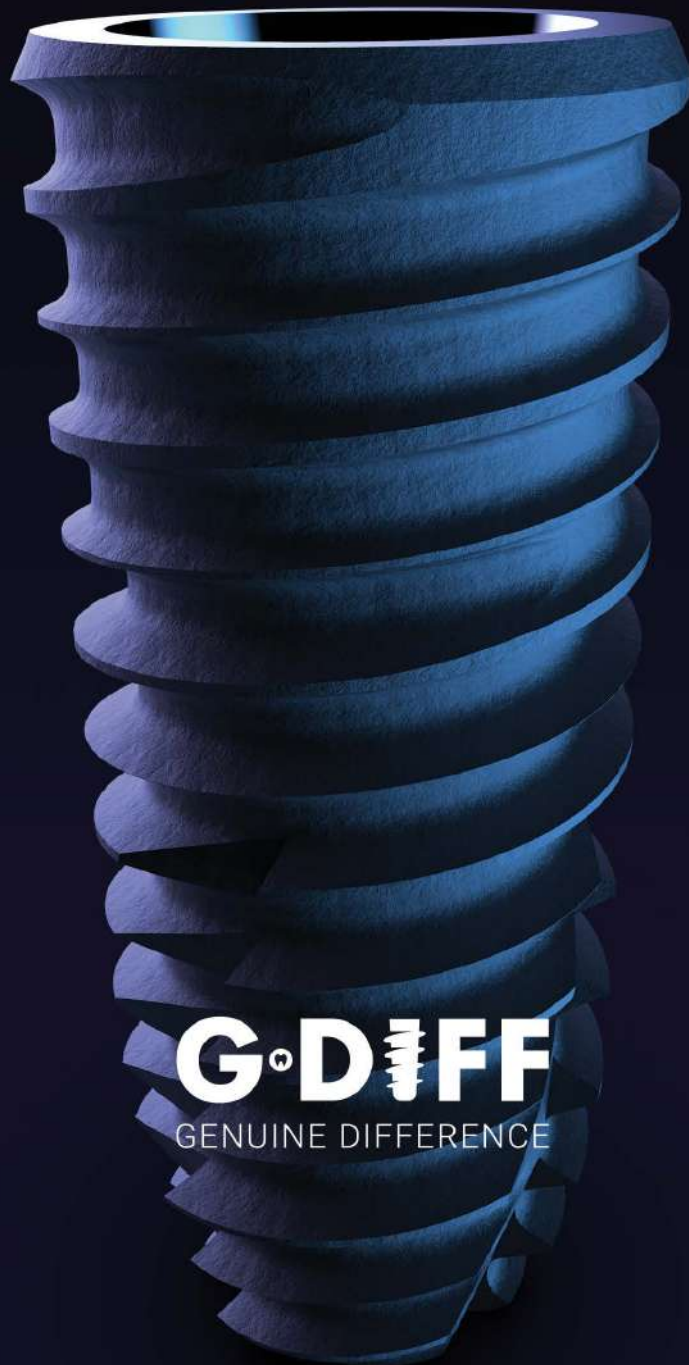


www.achmedical.com

P R O D U C T
C A T A L O G



G^oD_{IFF}
GENUINE DIFFERENCE

G^oD_{iff}FF

GENUINE DIFFERENCE



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ACH Medical What We Do



**DENTAL IMPLANTS
SYSTEM**



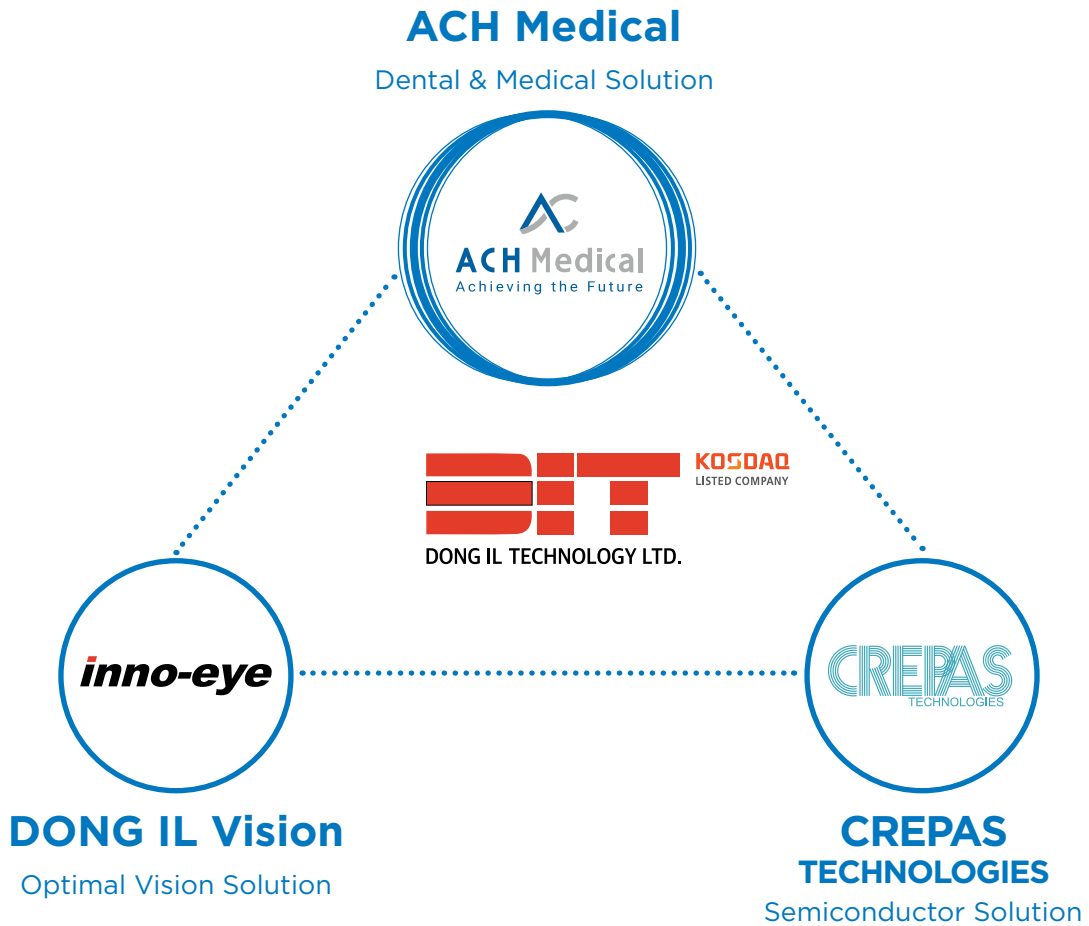
**MEDICAL INSTRUMENT
SYSTEM**

ACH Medical Co., Ltd is an established manufacturer of premium products for dental and medical devices. Since its establishment in 2008, ACH Medical has desired to keep people well by supporting clinicians through high quality products and services.

Our first priority is quality assurance to satisfy all our customer`s demands. We also guarantee to keep developing more advanced products in collaboration with global research institutes and universities.

We are pursuing a reliable company that provides innovative products and services to improve patient`s health.

INTRODUCTION DIT FAMILY



DIT was founded in 1986, the sense of mission has enabled DIT to grow from a modest beginning to become a world leader in EMI/EMC solutions. In line with on-going technological evolution, DIT has been expanding its product line-up and market reach, investing heavily in R&D and modernizing production facilities.



ACH MEDICAL

Brief History

- 2008.04** Established Biogenesis Co., Ltd.
- 2009.04** Certified 160 kinds dental implant prosthetic components, Approval of Manufacturing from KFDA
09 Designated as venture business (No. 20090108770)
CE Mark certified (Medical devices Class IIb)
- 2010.02** Registered dental implant surgical instrument sales
- 2011.03** Certified as R&D center affiliated company (No. 2011110466)
06 Designated as promising small and medium sized business by Gyeongnam small and medium size biz admin. dept.
- 2012.04** Registered Kisses dental implant system completed with S.L.A surface treatment
08 Certified manufacturing of medical device and good quality management
- 2013.01** Certified Technical Innovation Business (INNO-BIZ)
02 Developed New Fixture Ampule (Pre-mount, No-mount type)
03 FDA certified
- 2014.02** ACH Medical Co., Ltd. established and acquired Biogenesis Co., Ltd.
- 2016.09** Decided to enter the Laparoscopic surgery instruments business
- 2017.10** Certified Venture Business by KOSME(Korea SME's and Startups Agency)
- 2018.03** Designated as IP STAR corp. by Gyeonggi-do RIPC (Regional Intellectual Property Center)
08 Launched Laparoscopic surgical instruments in Korea
- 2019.04** ISO 13485 ; 2016 certified
06 Launched GDIFF as new dental brand
Launched NEXSURG as new medical brand
- 2020.04** ACH Medical®, GDIFF®, NEXSURG® are registered internationally as trademark (Rep. of Korea, U.S.A, EU, Russia, India, China, Taiwan, Japan)
11 Launched Laparoscopic Suction Irrigation Device
12 Designated as Participating company for Export voucher by KOTRA, KOSME
- 2021. 05** CE renewal(249804-2017-CE-KOR-NA-PS)
08 FDA 510(k) Approved for CCM and Multi Unit Abutment
Registered in Ministry of Health of Ukraine
12 NEXSURG® trademark won the 2021 Trademark · Design Right Award

Intellectual Properties & Certificates



CE 2460



FDA



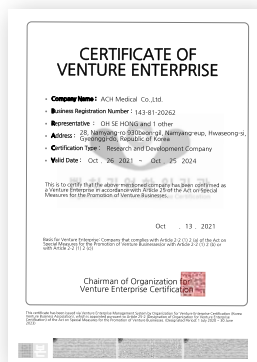
ISO 13485



UA.TR.101(Ukraine)



Certificate of Manufacturer



Venture Business



Certificate of GMP



Patent
Drill for Operating Implant



Patent
Dental Implant Fixture



Patent
Dental Implant Package

Manufacturing Procedure

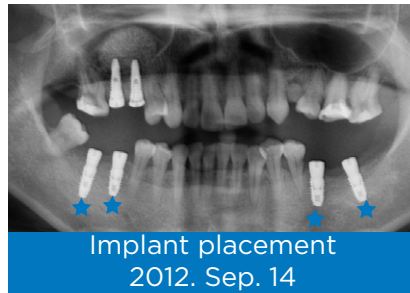
Ensuring we deliver high quality products to our customers, we keep high quality standards for our products and services.



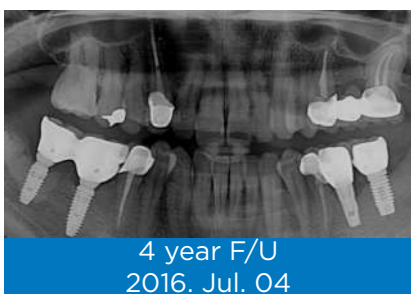
Long-term Clinical Case

9+ Years Report

■ Patient Info. : Patient A (Female)



■ Patient Info. : Patient B (Female)



G-DIFF SYSTEM

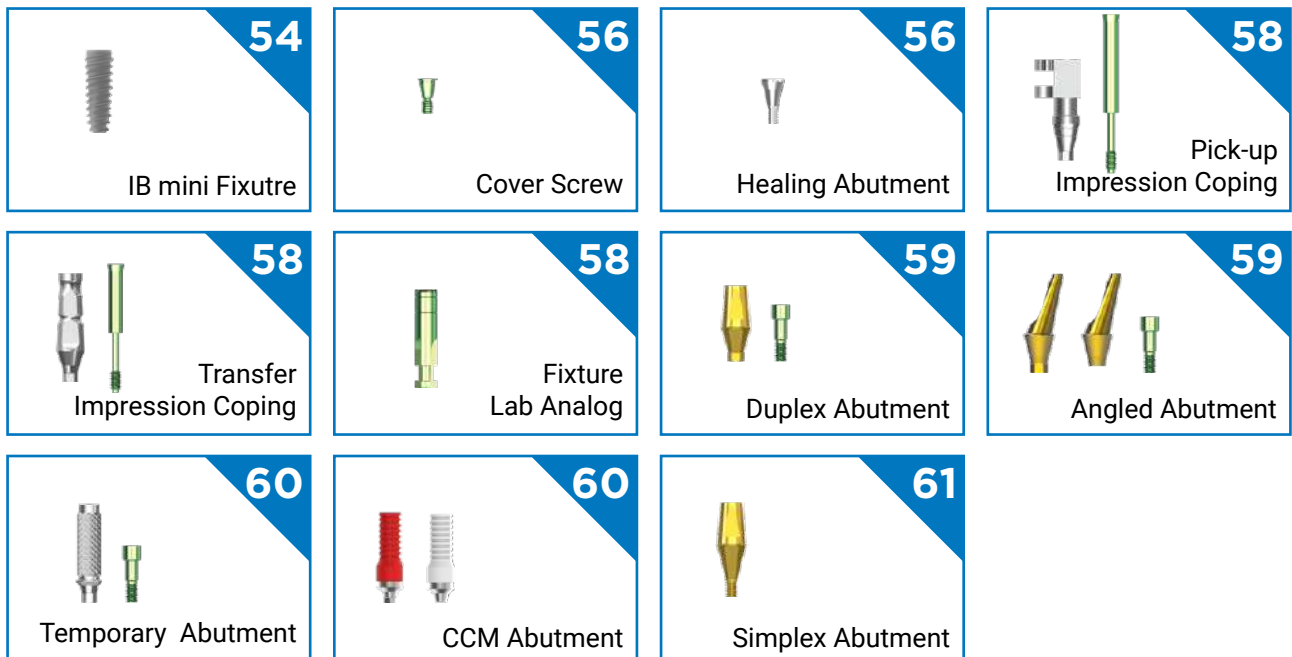
Indexing

| IB-T System








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 <p>41</p> <p>Digital Lab Analog</p>	 <p>44</p> <p>Multi Straight Abutment</p>	 <p>44</p> <p>Multi Angled Abutment</p>	 <p>45</p> <p>Multi Pick-up Impression Coping</p>

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| IB mini System

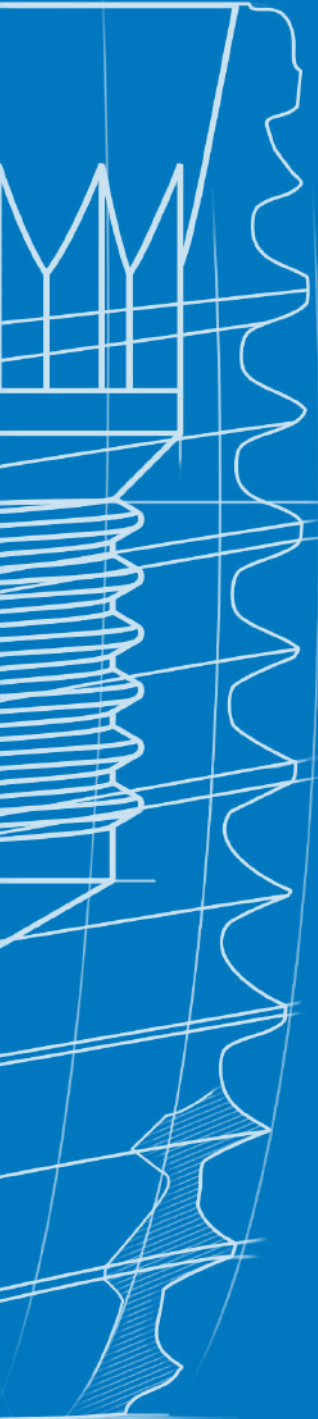


| G-DIFF Instrument

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Regular Surgical Kit	Advanced Surgical Kit	Full Surgical Kit	Mini Surgical Kit
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Prosthetic Kit	Bone Collector Kit	Surgical Engine	

GENUINE DIFFERENCE





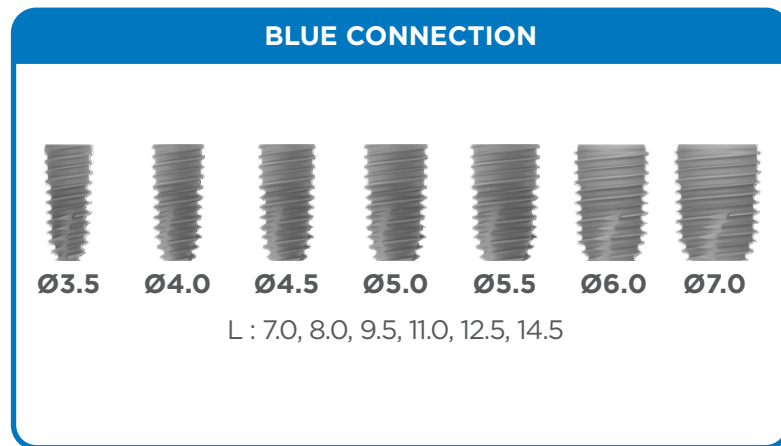
G[®]D_{IFF}FF

**IMPLANT
SYSTEM**

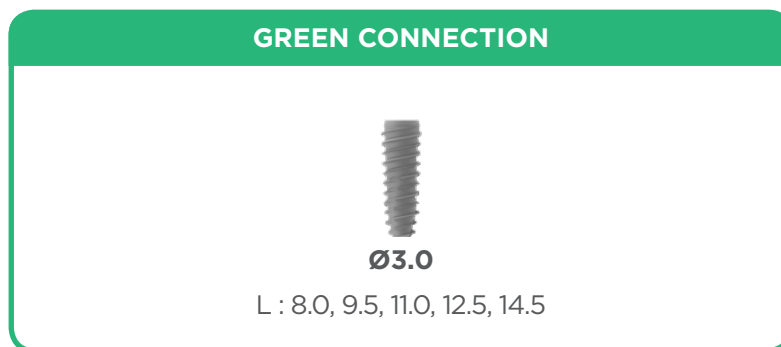
G-DIFF SYSTEM FIXTURE LINE-UP

Unit : mm

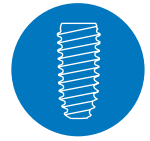
IB T



IB mini



Internal Bone Level - Tapered IB T System



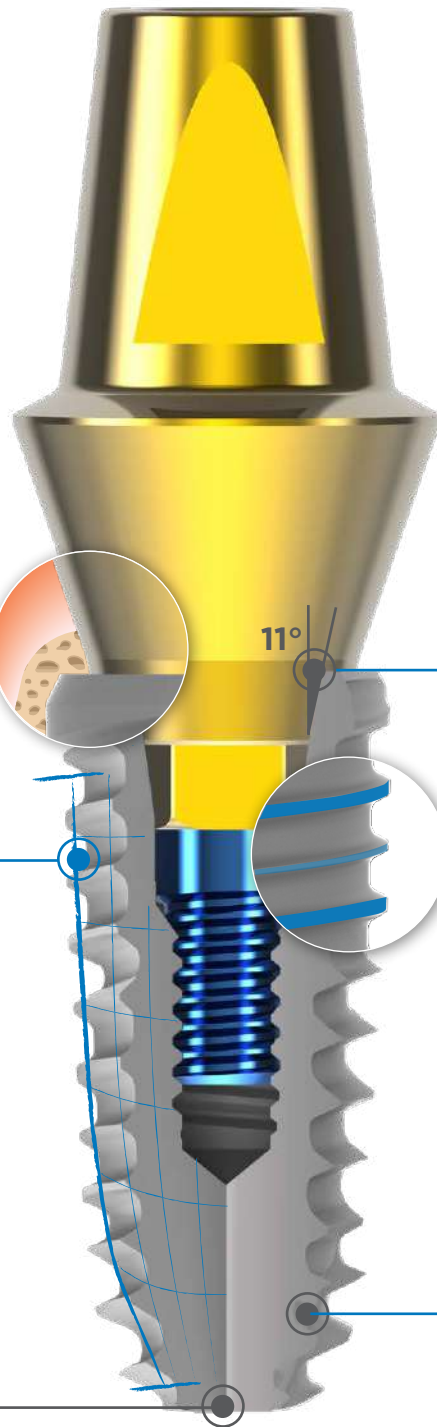
IB-T



TAPERED SHAPE



SINGLE CONNECTION



Platform Switching

Reduces the risk of inflammatory cell infiltration
Greatly contributes to marginal bone preservation and soft tissue attachment

Tapered Body

Allows the compressive load to be transferred to the apex of implant
Allows excellent primary stability especially in soft bone

3 Blade Cutting Edge

Self-tapping function allows smooth insertion with minimal bone destruction
Rounded implant apex reduces risk of bone perforation

Morse Tapered Hex Connection

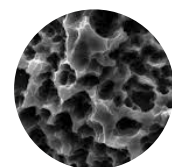
Provides anti-rotation and allows for convenient indexing of the abutment
Distributes the load to the fixture evenly and helps to reduce the micro movement

Hybrid Double Thread

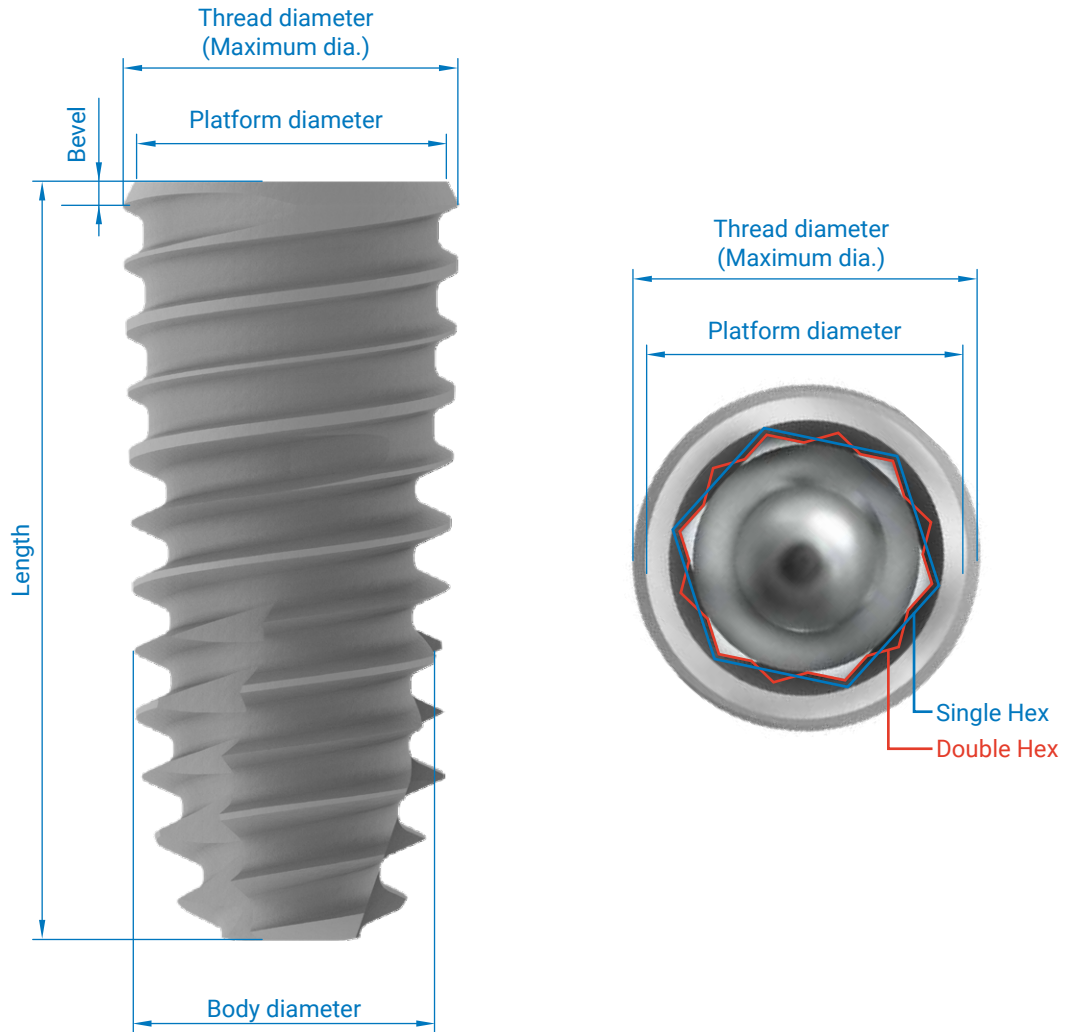
Allows Easier and quicker implant insertion in various bone condition
Helps to reduce bone stress during insertion and penetrate the bone with ease

S.L.A Surface Treatment Sandblasted, Large grits, Acid etched

Most researched and proven surface technology



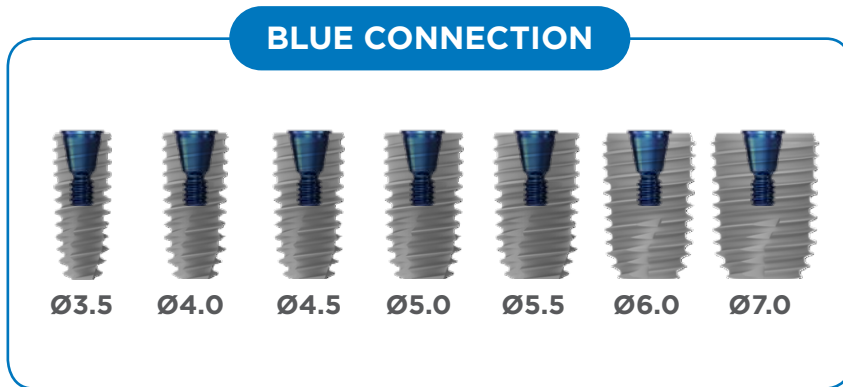
G-DIFF SYSTEM IB T Specification



Fixture	Ø3.5	Ø4.0	Ø4.5	Ø5.0	Ø5.5	Ø6.0	Ø7.0
Connection	Blue	Blue	Blue	Blue	Blue	Blue	Blue
Body diameter	3.5	4.0	4.5	5.0	5.5	6.0	7.0
Thread diameter (Maximum dia.)	3.9	4.2	4.6	5.1	5.5	6.0	7.0
Platform diameter	3.7	3.9	4.3	4.8	5.2	5.5	6.5
Bevel length	0.3	0.3	0.3	0.3	0.3	0.6	0.6
Length	7.0 / 8.0 / 9.5 / 11.0 / 12.5 / 14.5						

**14.5mm length is not available for Diameter 6.0mm and 7.0mm

Internal Bone Level - Tapered IB^T Fixture Line-Up

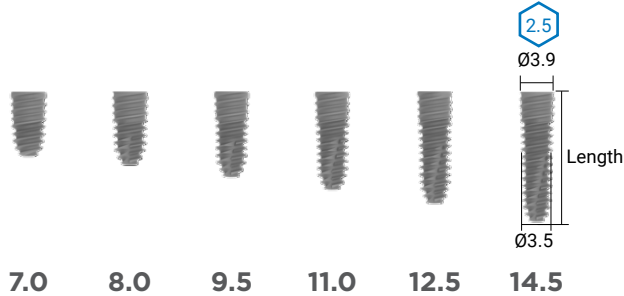


*Recommended placement torque (to prevent any damage) - Fixture : less than 50Ncm
- Cover Screw : 5-8Ncm

Unit : mm, Scale 1 : 1.2 / mm

Body Ø3.5 | Thread(Maximum) Ø3.9

*PFX-XX XX SD:Double hex

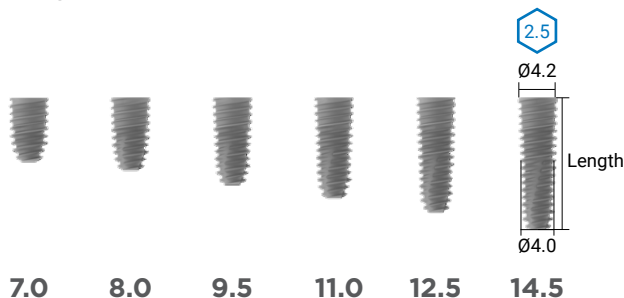


Connection	BLUE	
	Double Hex	Single Hex
Length		
7.0	N/A	PFX-39 07 SS
8.0		PFX-39 08 SS
9.5		PFX-39 10 SS
11.0		PFX-39 11 SS
12.5		PFX-39 13 SS
14.5		PFX-39 15 SS

 • Cover screw **ATCS 20 R** is included

Body Ø4.0 | Thread(Maximum) Ø4.2

*PFX-XX XX SD:Double hex

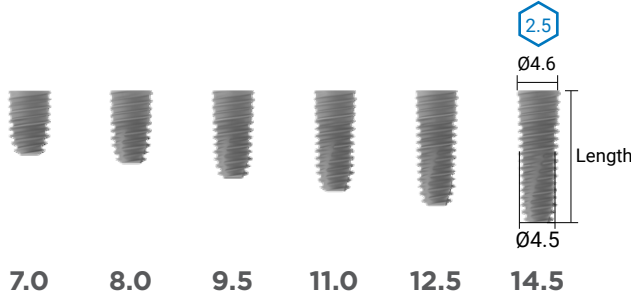


Connection	BLUE	
	Double Hex	Single Hex
Length		
7.0	KK 40 07 SA	PFX-42 07 SS
8.0	KK 40 08 SA	PFX-42 08 SS
9.5	KK 40 10 SA	PFX-42 10 SS
11.0	KK 40 11 SA	PFX-42 11 SS
12.5	KK 40 13 SA	PFX-42 13 SS
14.5	KK 40 15 SA	PFX-42 15 SS

 • Cover screw **ATCS 20 R** is included

Body Ø4.5 | Thread(Maximum) Ø4.6

*PFX-XX XX SD:Double hex

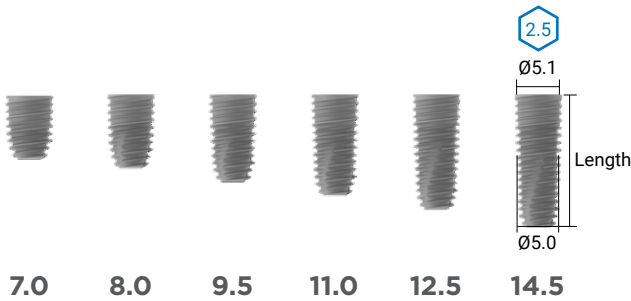


Connection	BLUE	
Length	Double Hex	Single Hex
7.0	KK 45 07 SA	PFX-46 07 SS
8.0	KK 45 08 SA	PFX-46 08 SS
9.5	KK 45 10 SA	PFX-46 10 SS
11.0	KK 45 11 SA	PFX-46 11 SS
12.5	KK 45 13 SA	PFX-46 13 SS
14.5	KK 45 15 SA	PFX-46 15 SS

 • Cover screw **ATCS 20 R** is included

Body Ø5.0 | Thread(Maximum) Ø5.1

*PFX-XX XX SD:Double hex

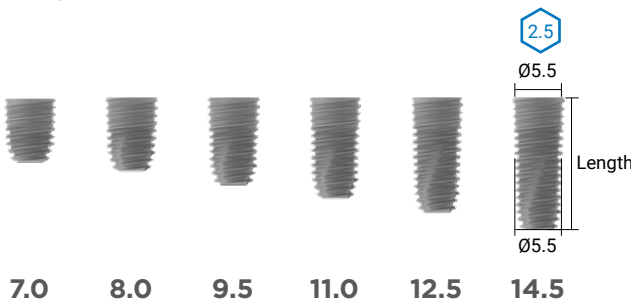


Connection	BLUE	
Length	Double Hex	Single Hex
7.0	KK 50 07 SA	PFX-51 07 SS
8.0	KK 50 08 SA	PFX-51 08 SS
9.5	KK 50 10 SA	PFX-51 10 SS
11.0	KK 50 11 SA	PFX-51 11 SS
12.5	KK 50 13 SA	PFX-51 13 SS
14.5	KK 50 15 SA	PFX-51 15 SS

 • Cover screw **ATCS 20 R** is included

Body Ø5.5 | Thread(Maximum) Ø5.5

*PFX-XX XX SD:Double hex

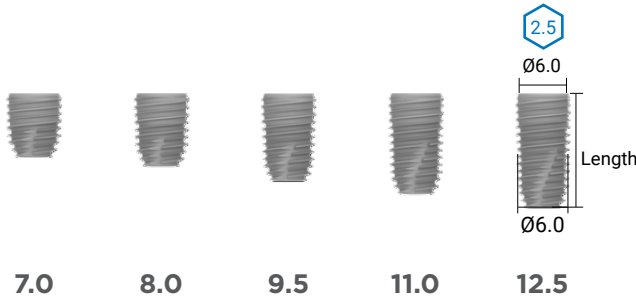


Connection	BLUE	
Length	Double Hex	Single Hex
7.0	KK 55 07 SA	PFX-55 07 SS
8.0	KK 55 08 SA	PFX-55 08 SS
9.5	KK 55 10 SA	PFX-55 10 SS
11.0	KK 55 11 SA	PFX-55 11 SS
12.5	KK 55 13 SA	PFX-55 13 SS
14.5	KK 55 15 SA	PFX-55 15 SS

 • Cover screw **ATCS 20 R** is included

Body Ø6.0 | Thread(Maximum) Ø6.0

*PFX-XX XX SD:Double hex

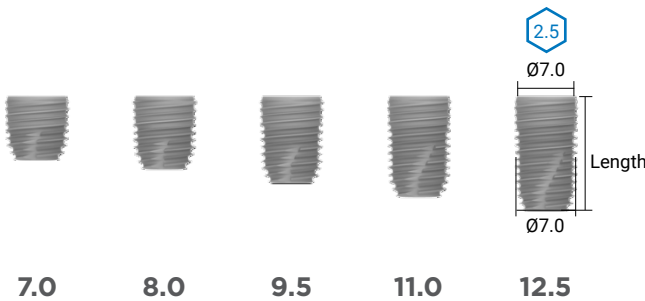


Connection	BLUE	
Length	Double Hex	Single Hex
7.0	N/A	PFX-60 07 SS
8.0		PFX-60 08 SS
9.5		PFX-60 10 SS
11.0		PFX-60 11 SS
12.5		PFX-60 13 SS

• Cover screw **ATCS 20 R** is included

Body Ø7.0 | Thread(Maximum) Ø7.0

*PFX-XX XX SD:Double hex

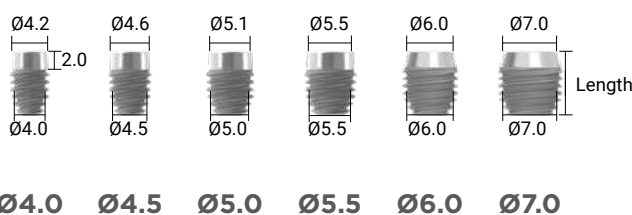


Connection	BLUE	
Length	Double Hex	Single Hex
7.0	N/A	PFX-70 07 SS
8.0		PFX-70 08 SS
9.5		PFX-70 10 SS
11.0		PFX-70 11 SS
12.5		PFX-70 13 SS

• Cover screw **ATCS 20 R** is included

Special Length

*PFX-XX XX SD:Double hex



Connection		BLUE	
Dia.	Length	Double Hex	Single Hex
Ø4.0	7.0	N/A	PFX-42 07 SSP
Ø4.5		KS 45 05 SA	PFX-46 07 SSP
Ø5.0		KS 50 05 SA	PFX-51 07 SSP
Ø5.5		KS 55 05 SA	PFX-55 07 SSP
Ø6.0		N/A	PFX-60 07 SSP
Ø7.0		N/A	PFX-70 07 SSP

*Note : The insertion depth of the special length fixture is at least 7mm.

• Cover screw **ATCS 20 R** is included.

Mount & Screw

Unit : mm, Scale 1 : 1.2 / mm



Connection	BLUE
-	ATFM32S

- Color coding (**Blue**) for easy identification
- Use 1.25 Hex Driver
- Optimum torque : 8-10Ncm
- **Blue** : Hex 2.5

Screw is included
 • **Blue** : ATFMS32S(M2.0)

Cover Screw

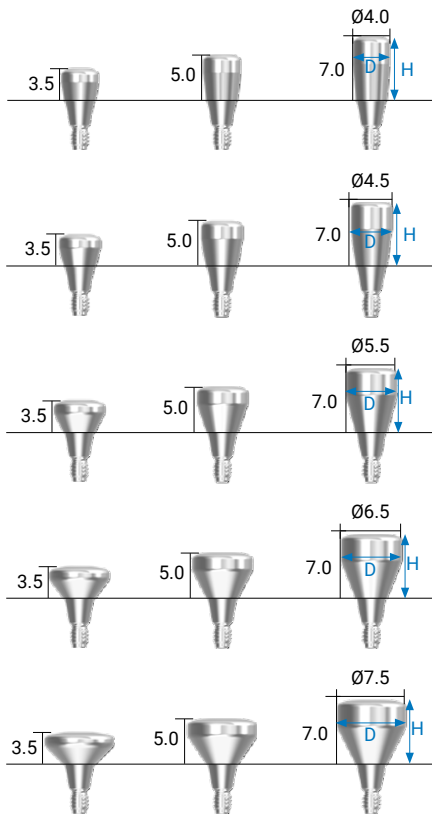


Connection	BLUE
-	ATCS 20 R

- Color coding (**Blue**) for easy identification
- Use 1.25 Hex Driver
- Optimum torque : 5-8Ncm
- Single use only

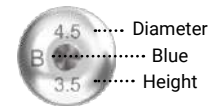
Healing Abutment

Unit : mm, Scale 1 : 1.2 / mm



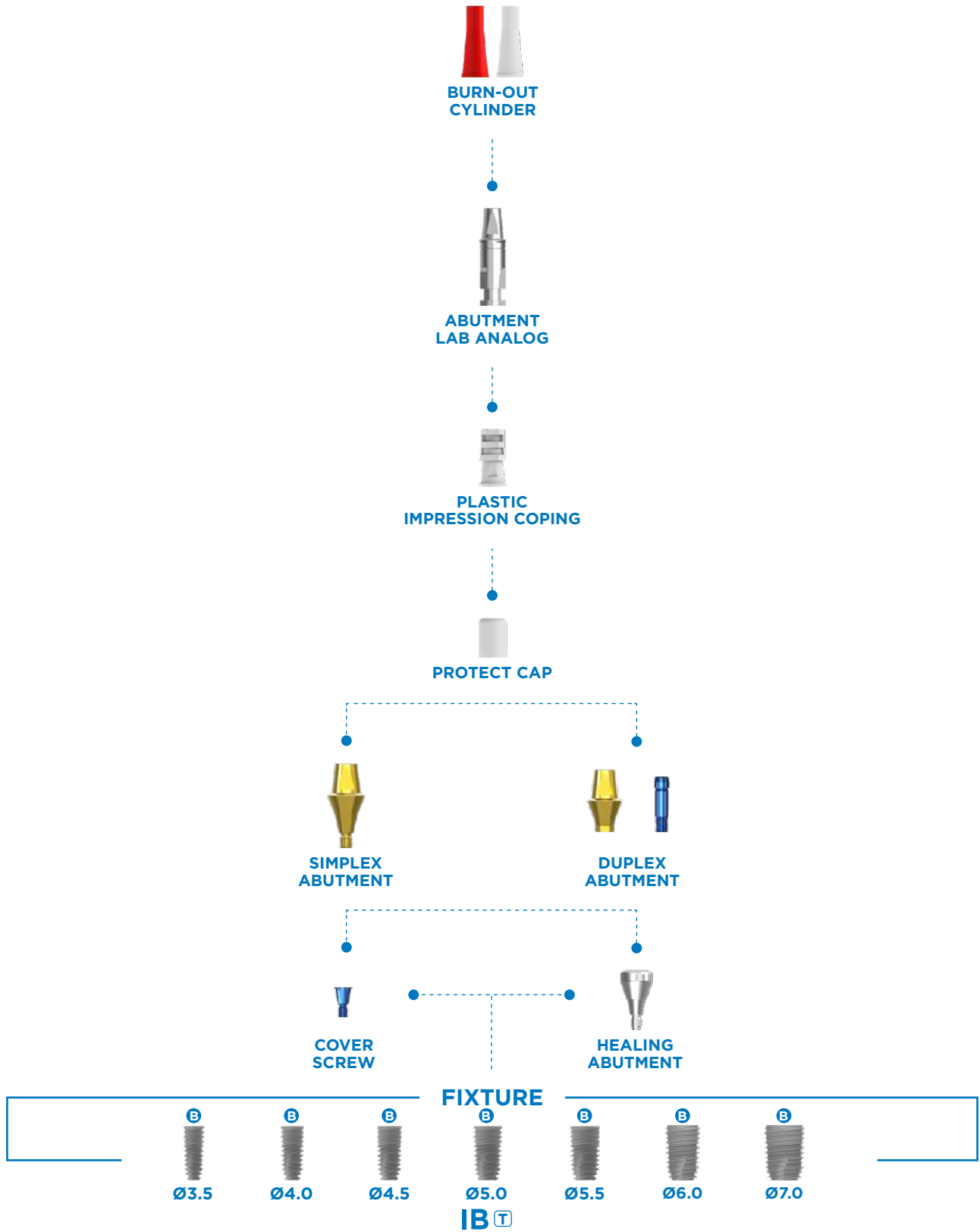
Connection		BLUE		
D \ H		3.5	5.0	7.0
Ø4.0		ATHA 40 35	ATHA 40 50	ATHA 40 70
Ø4.5		ATHA 45 35	ATHA 45 50	ATHA 45 70
Ø5.5		ATHA 55 35	ATHA 55 50	ATHA 55 70
Ø6.5		ATHA 65 35	ATHA 65 50	ATHA 65 70
Ø7.5		ATHA 75 35	ATHA 75 50	ATHA 75 70

- Use 1.25 Hex driver
- Optimum torque : 8-10Ncm
- Screw : M2.0
- Marking Guide (Top View)



Prosthetic Flow Chart Diagrams Abutment Level

Scale : 1 : 1 / mm

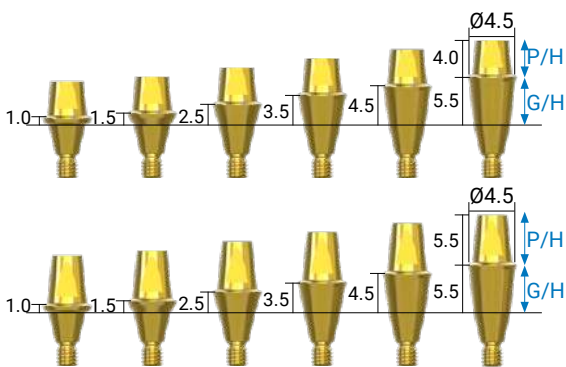


Simplex Abutment

Unit : mm, Scale 1 : 1.2 / mm

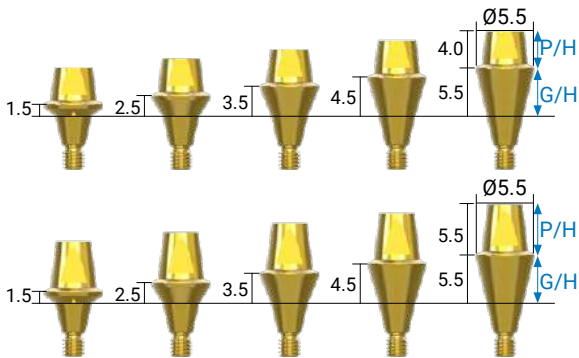
- Designed for general cement type prosthesis
- One body structure (Abutment with screw)
- Colored in gold for aesthetic satisfaction
- Use 1.25 Hex driver
- Maximum torque : 35Ncm
- Screw : M2.0

| Diameter Ø4.5



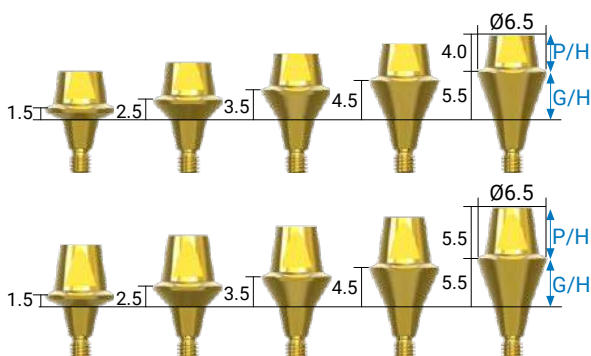
Connection		BLUE	
G/H	P/H	4.0	5.5
1		ATSA 45 10 40	ATSA 45 10
1.5		ATSA 45 15 40	ATSA 45 15
2.5		ATSA 45 25 40	ATSA 45 25
3.5		ATSA 45 35 40	ATSA 45 35
4.5		ATSA 45 45 40	ATSA 45 45
5.5		ATSA 45 55 40	ATSA 45 55

| Diameter Ø5.5



Connection		BLUE	
G/H	P/H	4.0	5.5
1.5		ATSA 55 15 40	ATSA 55 15
2.5		ATSA 55 25 40	ATSA 55 25
3.5		ATSA 55 35 40	ATSA 55 35
4.5		ATSA 55 45 40	ATSA 55 45
5.5		ATSA 55 55 40	ATSA 55 55

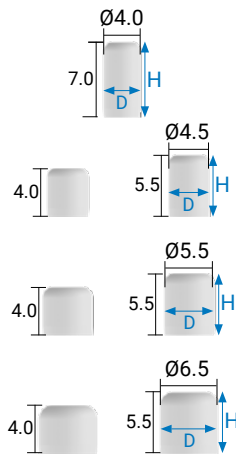
| Diameter Ø6.5



Connection		BLUE	
G/H	P/H	4.0	5.5
1.5		ATSA 65 15 40	ATSA 65 15
2.5		ATSA 65 25 40	ATSA 65 25
3.5		ATSA 65 35 40	ATSA 65 35
4.5		ATSA 65 45 40	ATSA 65 45
5.5		ATSA 65 55 40	ATSA 65 55

Protect Cap

Unit : mm, Scale 1 : 1.2 / mm



D \ H	4.0	5.5	7.0
Ø4.0	-	-	PC 40 70
Ø4.5	PC 45 40	PC 45 55	-
Ø5.5	PC 55 40	PC 55 55	-
Ø6.5	PC 65 40	PC 65 55	-

- Protecting the simplex abutment and minimizing mucosal irritation
- Can be applied as inner structure of temporary prosthesis

Plastic Impression Coping

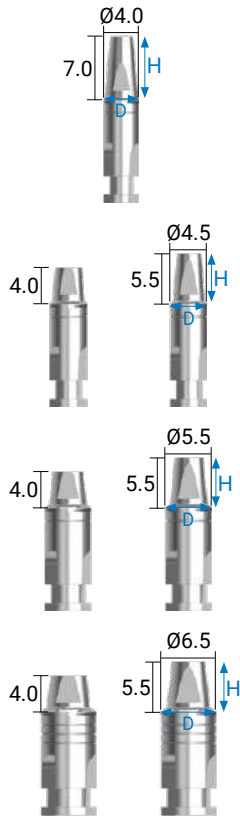


D	REF NO.
Ø4.5	ATPIC 45
Ø5.5	ATPIC 55
Ø6.5	ATPIC 65

- Used for taking impression of the simplex abutment

Abutment Lab Analog

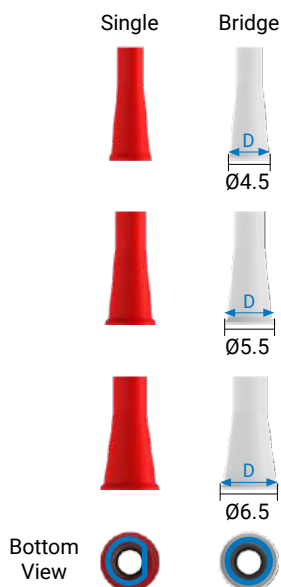
Unit : mm, Scale 1 : 1.2 / mm



D \ H	4.0	5.5	7.0
Ø4.0	-	-	ALA 40 70
Ø4.5	ALA 45 40	ALA 45 55	-
Ø5.5	ALA 55 40	ALA 55 55	-
Ø6.5	ALA 65 40	ALA 65 55	-

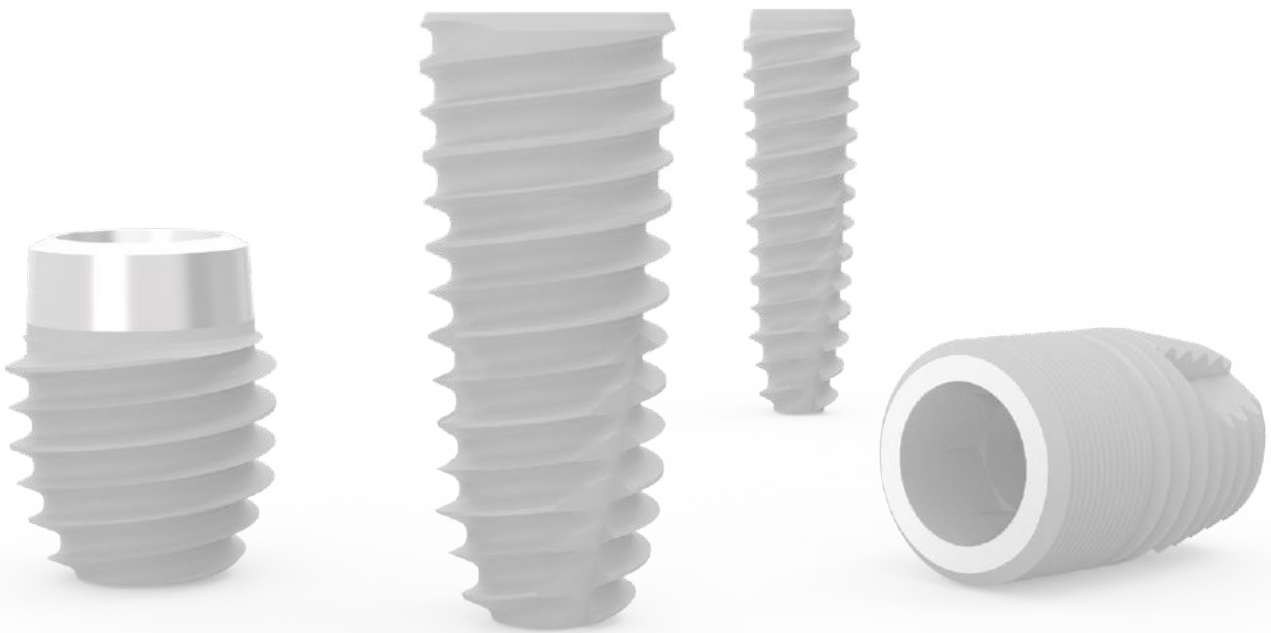
- Play a role of simplex abutment on a working model.

Burn-out Cylinder



D \ Type	Single	Bridge
Ø4.5	ATBOC 45 S	ATBOC 45 B
Ø5.5	ATBOC 55 S	ATBOC 55 B
Ø6.5	ATBOC 65 S	ATBOC 65 B

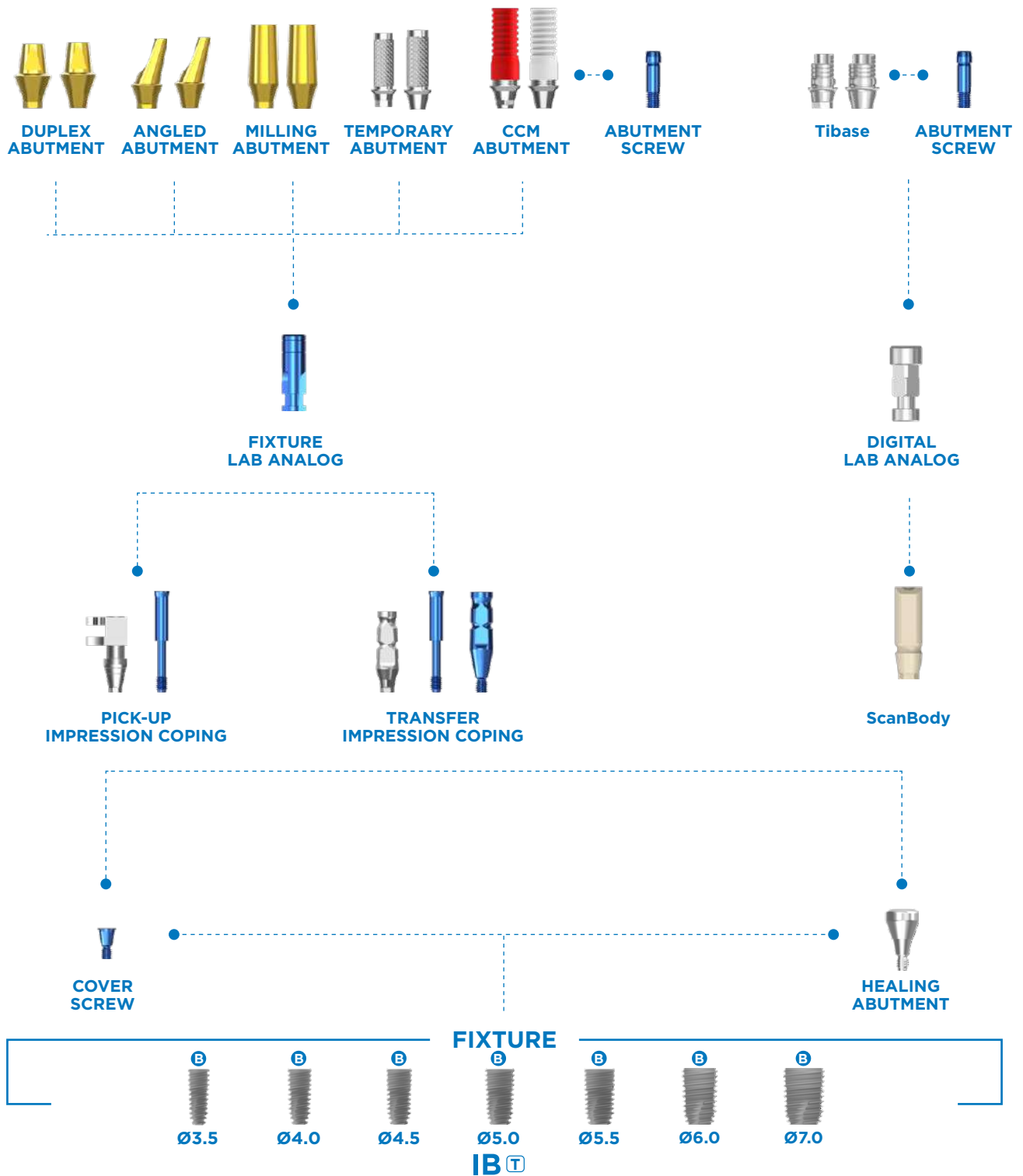
- Used as a frame of prosthesis after connection with the simplex abutment
- Easy discrimination between 'Single' and 'Bridge' type with its unique color. (Single : red / Bridge : white)



Prosthetic Flow Chart Diagrams

Fixture Level

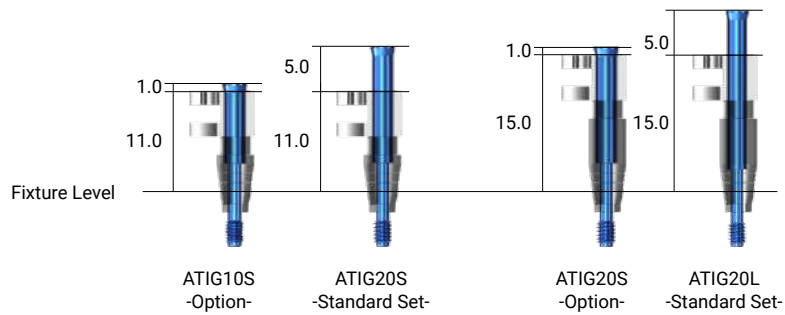
Scale : 1 : 1 / mm



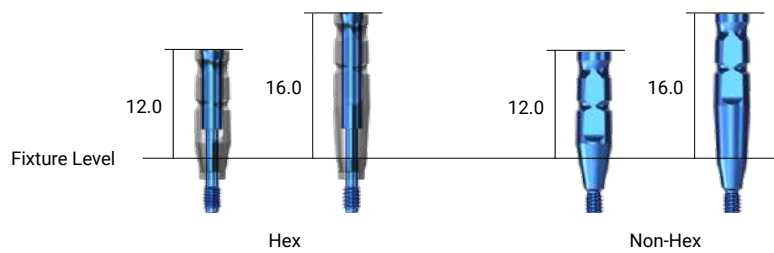
Impression Coping Guide

Unit : mm, Scale 1 : 1.2 / mm

| Pick-up Impression Coping Guide

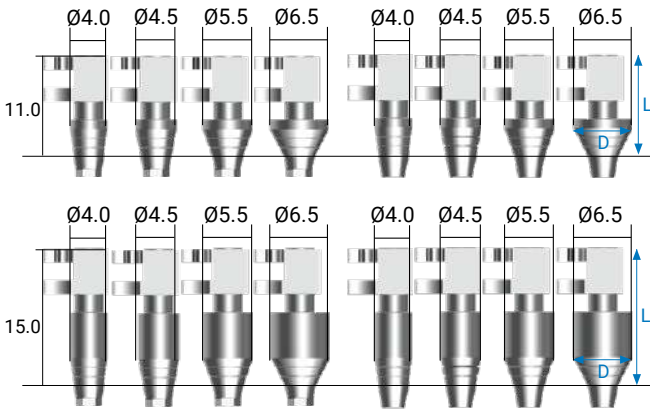


| Transfer Impression Coping Guide



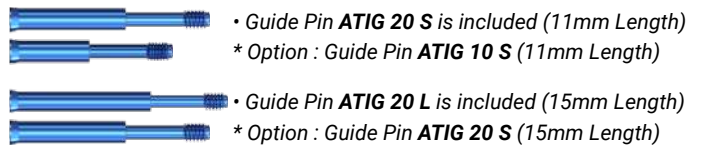
Pick-up Impression Coping

Unit : mm, Scale 1 : 1.2 / mm

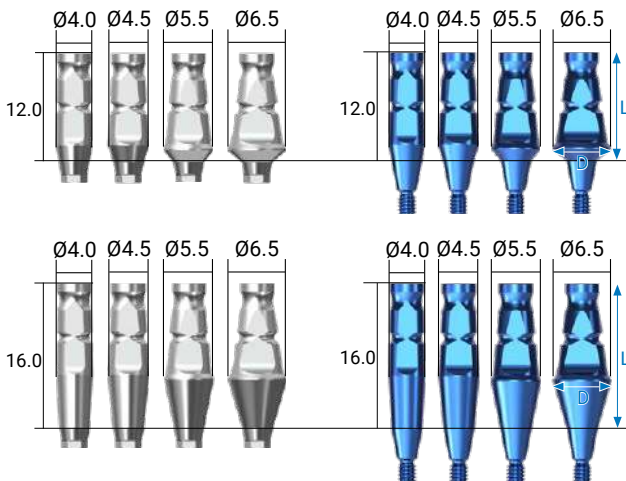


Connection		BLUE			
Length		11.0		15.0	
D	Type	Hex	Non-Hex	Hex	Non-Hex
Ø4.0	ATIPH 40S	ATIPN 40S	ATIPH 40L	ATIPN 40L	
Ø4.5	ATIPH 45S	ATIPN 45S	ATIPH 45L	ATIPN 45L	
Ø5.5	ATIPH 55S	ATIPN 55S	ATIPH 55L	ATIPN 55L	
Ø6.5	ATIPH 65S	ATIPN 65S	ATIPH 65L	ATIPN 65L	
Guide Pin		ATIG 20 S		ATIG 20 L	

- Pick-up type impression coping with the custom tray
- Asymmetric design is applied to minimize adjacent interference
- Hex 2.5 / Screw - M2.0
- Standard Set : 11mm Length - ATIG 20S / 15mm Length - ATIG 20 L

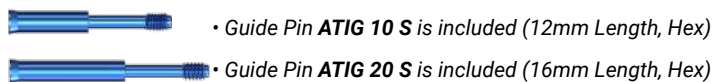


Transfer Impression Coping



Connection		BLUE			
Length		12.0		16.0	
D	Type	Hex	Non-Hex	Hex	Non-Hex
Ø4.0	ATITH 40S	ATITN 40S	ATITH 40L	ATITN 40L	
Ø4.5	ATITH 45S	ATITN 45S	ATITH 45L	ATITN 45L	
Ø5.5	ATITH 55S	ATITN 55S	ATITH 55L	ATITN 55L	
Ø6.5	ATITH 65S	ATITN 65S	ATITH 65L	ATITN 65L	
Guide Pin		ATIG 10 S	-	ATIG 20 S	-

- Transfer type impression coping with the custom tray
- Curved contour for increasing insertion ability
- Hex 2.5 / Screw - M2.0
- Guide pin is included in hex type coping only



Fixture Lab Analog



Connection		BLUE
-		KFLA 45

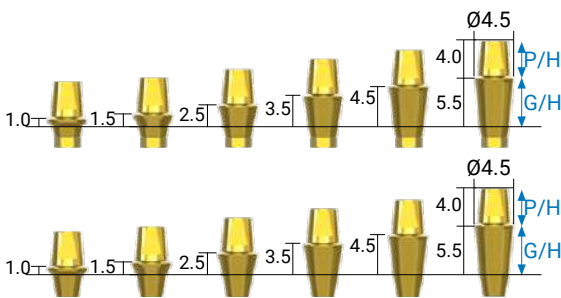
- Color coding (Blue) for easy identification

Duplex Abutment

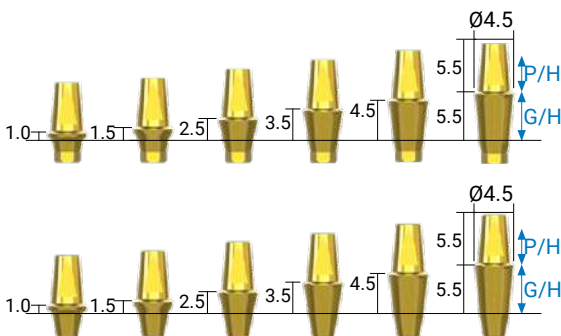
Unit : mm, Scale 1 : 1.2 / mm

- Designed for general cement type prosthesis
- Colored in gold for aesthetic satisfaction
- Use 1.25 Hex driver
- Maximum torque : 35Ncm
- Hex 2.5, Screw : M2.0

| Diameter Ø4.5



Connection		BLUE	
Type		Hex	Non-Hex
G/H	P/H	4.0	
1.0		ATDA 45 10 40H	ATDA 45 10 40N
1.5		ATDA 45 15 40H	ATDA 45 15 40N
2.5		ATDA 45 25 40H	ATDA 45 25 40N
3.5		ATDA 45 35 40H	ATDA 45 35 40N
4.5		ATDA 45 45 40H	ATDA 45 45 40N
5.5		ATDA 45 55 40H	ATDA 45 55 40N



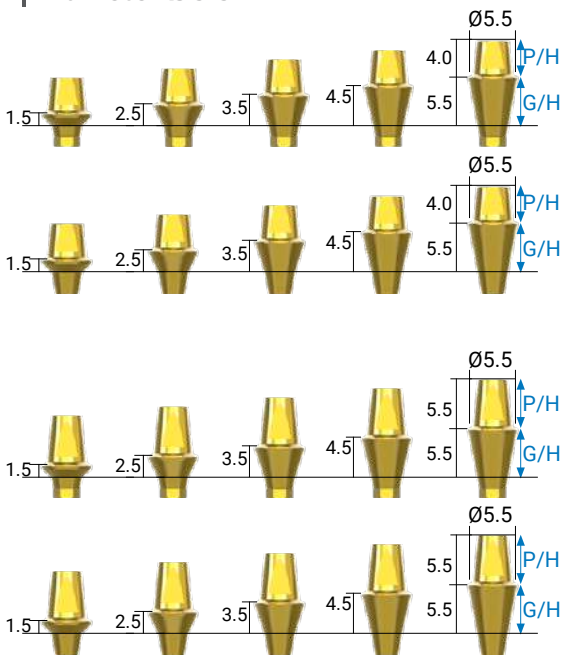
Connection		BLUE	
Type		Hex	Non-Hex
G/H	P/H	5.5	
1.0		ATDA 45 10 H	ATDA 45 10 N
1.5		ATDA 45 15 H	ATDA 45 15 N
2.5		ATDA 45 25 H	ATDA 45 25 N
3.5		ATDA 45 35 H	ATDA 45 35 N
4.5		ATDA 45 45 H	ATDA 45 45 N
5.5		ATDA 45 55 H	ATDA 45 55 N



• Abutment Screw **ATAS 20** is included

Unit : mm, Scale 1 : 1.2 / mm

| Diameter Ø5.5



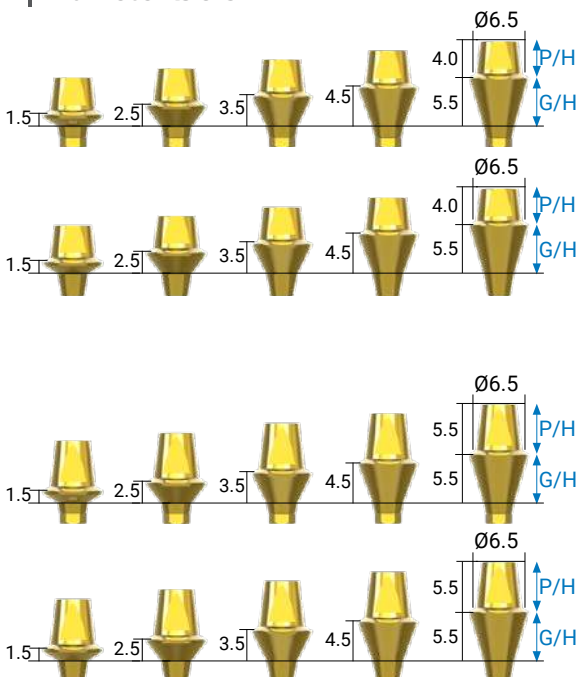
Connection		BLUE	
Type		Hex	Non-Hex
G/H	P/H	4.0	
1.5		ATDA 55 15 40H	ATDA 55 15 40N
2.5		ATDA 55 25 40H	ATDA 55 25 40N
3.5		ATDA 55 35 40H	ATDA 55 35 40N
4.5		ATDA 55 45 40H	ATDA 55 45 40N
5.5		ATDA 55 55 40H	ATDA 55 55 40N

Connection		BLUE	
Type		Hex	Non-Hex
G/H	P/H	5.5	
1.5		ATDA 55 15 H	ATDA 55 15 N
2.5		ATDA 55 25 H	ATDA 55 25 N
3.5		ATDA 55 35 H	ATDA 55 35 N
4.5		ATDA 55 45 H	ATDA 55 45 N
5.5		ATDA 55 55 H	ATDA 55 55 N



• Abutment Screw **ATAS 20** is included

| Diameter Ø6.5



Connection		BLUE	
Type		Hex	Non-Hex
G/H	P/H	4.0	
1.5		ATDA 65 15 40H	ATDA 65 15 40N
2.5		ATDA 65 25 40H	ATDA 65 25 40N
3.5		ATDA 65 35 40H	ATDA 65 35 40N
4.5		ATDA 65 45 40H	ATDA 65 45 40N
5.5		ATDA 65 55 40H	ATDA 65 55 40N

Connection		BLUE	
Type		Hex	Non-Hex
G/H	P/H	5.5	
1.5		ATDA 65 15 H	ATDA 65 15 N
2.5		ATDA 65 25 H	ATDA 65 25 N
3.5		ATDA 65 35 H	ATDA 65 35 N
4.5		ATDA 65 45 H	ATDA 65 45 N
5.5		ATDA 65 55 H	ATDA 65 55 N



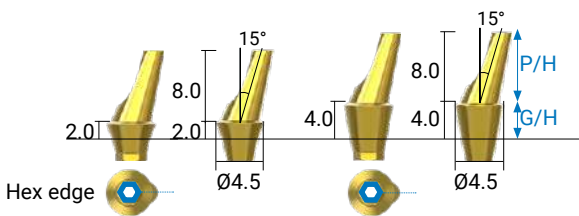
• Abutment Screw **ATAS 20** is included

Angled Abutment - 15°

Unit : mm, Scale 1 : 1.2 / mm

- It is applied to adjust the path for prosthesis with its 15° axial angle
- Colored in gold for aesthetic satisfaction
- Use 1.25 Hex driver
- Maximum torque : 35Ncm
- Hex : 2.5, Screw : M2.0

| Diameter Ø4.5

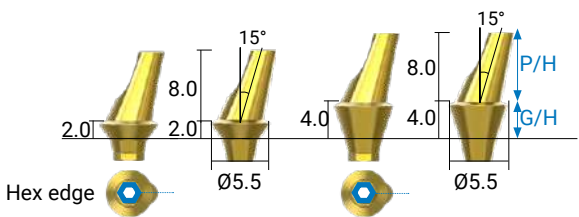


Connection		BLUE	
Type		Hex	Non-Hex
G/H	P/H	8.0	
2.0		ATAA 45 2 15H	ATAA 45 2 15N
4.0		ATAA 45 4 15H	ATAA 45 4 15N



• Abutment Screw **ATAS 20** is included

| Diameter Ø5.5



Connection		BLUE	
Type		Hex	Non-Hex
G/H	P/H	8.0	
2.0		ATAA 55 2 15H	ATAA 55 2 15N
4.0		ATAA 55 4 15H	ATAA 55 4 15N



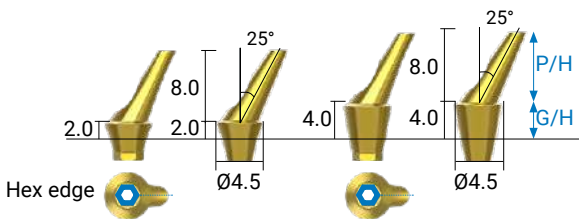
• Abutment Screw **ATAS 20** is included

Angled Abutment - 25°

Unit : mm, Scale 1 : 1.2 / mm

- It is applied to adjust the path for prosthesis with its 25° axial angle
- Colored in gold for aesthetic satisfaction
- Use 1.25 Hex driver
- Maximum torque : 35Ncm
- Hex : 2.5, Screw : M2.0

| Diameter Ø4.5

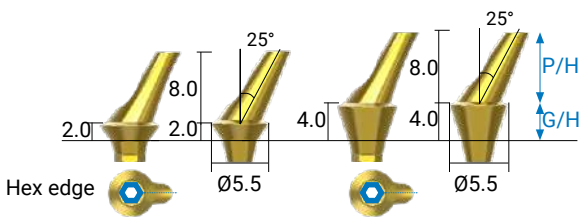


Connection		BLUE	
Type		Hex	Non-Hex
G/H	P/H	8.0	
2.0		ATAA 45 2 25H	ATAA 45 2 25N
4.0		ATAA 45 4 25H	ATAA 45 4 25N



• Abutment Screw **ATAS 20** is included

| Diameter Ø5.5



Connection		BLUE	
Type		Hex	Non-Hex
G/H	P/H	8.0	
2.0		ATAA 55 2 25H	ATAA 55 2 25N
4.0		ATAA 55 4 25H	ATAA 55 4 25N



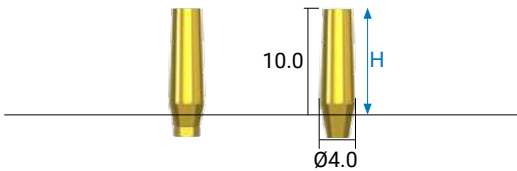
• Abutment Screw **ATAS 20** is included

Milling Abutment

Unit : mm, Scale 1 : 1.2 / mm

- It is applied to adjust a path for abutment or customize the margin of prosthesis
- Colored in gold for aesthetic satisfaction
- Use 1.25 Hex driver
- Maximum torque : 35Ncm
- Hex : 2.5, Screw : M2.0

| Diameter Ø4.0

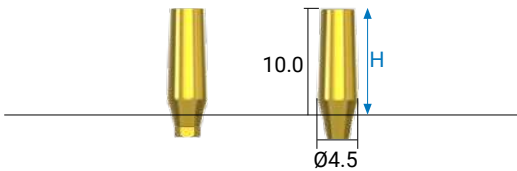


Connection		BLUE	
H	Type	Hex	Non-Hex
10.0		ATDMA 40H	ATDMA 40N



• Abutment Screw **ATAS 20** is included

| Diameter Ø4.5

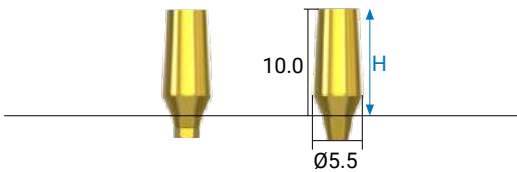


Connection		BLUE	
H	Type	Hex	Non-Hex
10.0		ATDMA 45H	ATDMA 45N



• Abutment Screw **ATAS 20** is included

| Diameter Ø5.5

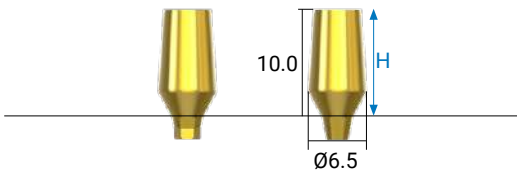


Connection		BLUE	
H	Type	Hex	Non-Hex
10.0		ATDMA 55H	ATDMA 55N



• Abutment Screw **ATAS 20** is included

| Diameter Ø6.5



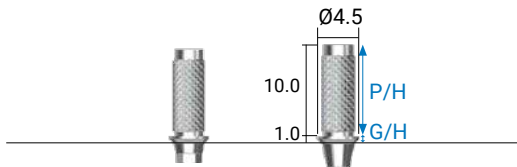
Connection		BLUE	
H	Type	Hex	Non-Hex
10.0		ATDMA 65H	ATDMA 65N



• Abutment Screw **ATAS 20** is included

Temporary Abutment

Unit : mm, Scale 1 : 1.2 / mm



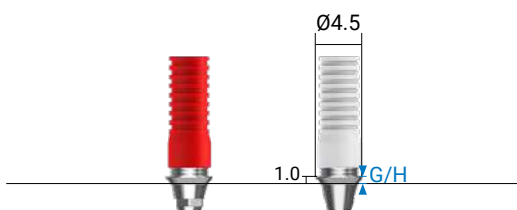
Connection		BLUE	
Type		Hex	Non-Hex
G/H \ P/H		10.0	
1.0		ATTA 45 H	ATTA 45 N

- Use to make the temporary prosthesis
- The structure is easy to customize
- Use 1.25 Hex Driver
- Maximum torque : 35Ncm
- Hex : 2.5, Screw : M2.0



• Abutment Screw **ATAS 20** is included

CCM Abutment



Connection		BLUE	
G/H \ Type		Hex	Non-Hex
1.0		ACC-H	ACC-N

- Easy manufacturing process due to plastic sleeve
- Improved physical connection strength due to the deep groove on the CCM abutment
- Easy recognition by color on the plastic sleeve
- **Single [red color]** Bridge [white color]
- Use 1.25 Hex Driver
- Maximum torque : 35Ncm
- Hex : 2.5, Screw : M2.0

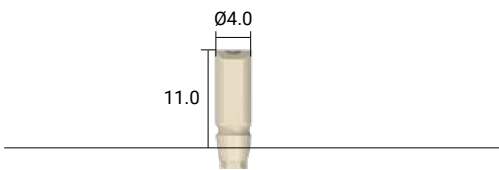


• Abutment Screw **ATAS 20** is included

ScanBody

Unit : mm, Scale 1 : 1.2 / mm

- High precision ScanBody for intra and extraoral CAD scanning procedure
- Accurate and easy to use
- Use 1.25 Hex driver
- Optimum torque : 8-10Ncm



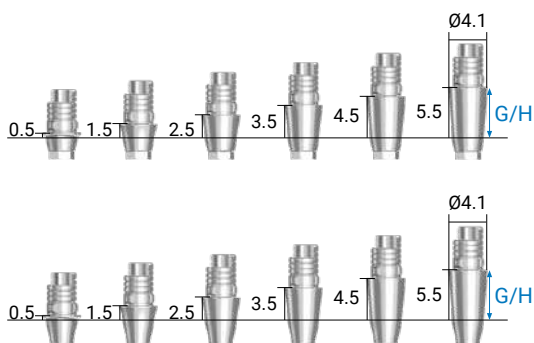
Connection	BLUE
Type	Hex
Diameter	Ø4.0
-	ASB-4011H



• Abutment Screw **ATAS 20** is included

TiBase

- A sidecut design allows an abutment screw to fit easily
- Digital libraries available for Exocad and 3shape
- Maximum angulation : 30°
- Use 1.25 Hex driver
- Maximum torque : 35Ncm
- 3 key shape(Top view)



Connection	BLUE	
G/H \ Type	Hex	Non-Hex
0.5	ATB-4105H	ATB-4105N
1.5	ATB-4115H	ATB-4115N
2.5	ATB-4125H	ATB-4125N
3.5	ATB-4135H	ATB-4135N
4.5	ATB-4145H	ATB-4145N
5.5	ATB-4155H	ATB-4155N

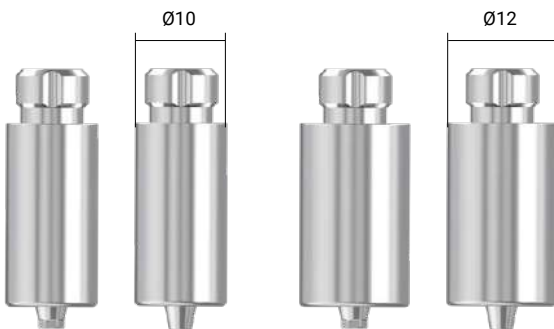


• Abutment Screw **ATAS 20** is included

Premill Abutment

Unit : mm, Scale 1 : 1.2 / mm

- Precise connection in both hex and non-hex
- Titanium allows to apply ceramics directly
- Digital libraries available for Exocad and 3shape
- Use 1.25 Hex driver
- Maximum torque - 35Ncm



Connection		BLUE	
Dia.	Type	Hex	Non-Hex
Ø10		APMA-10H	APMA-10N
Ø12		APMA-12H	APMA-12N



- Abutment Screw **ATAS 20** is included

Digital Lab Analog



REF NO.

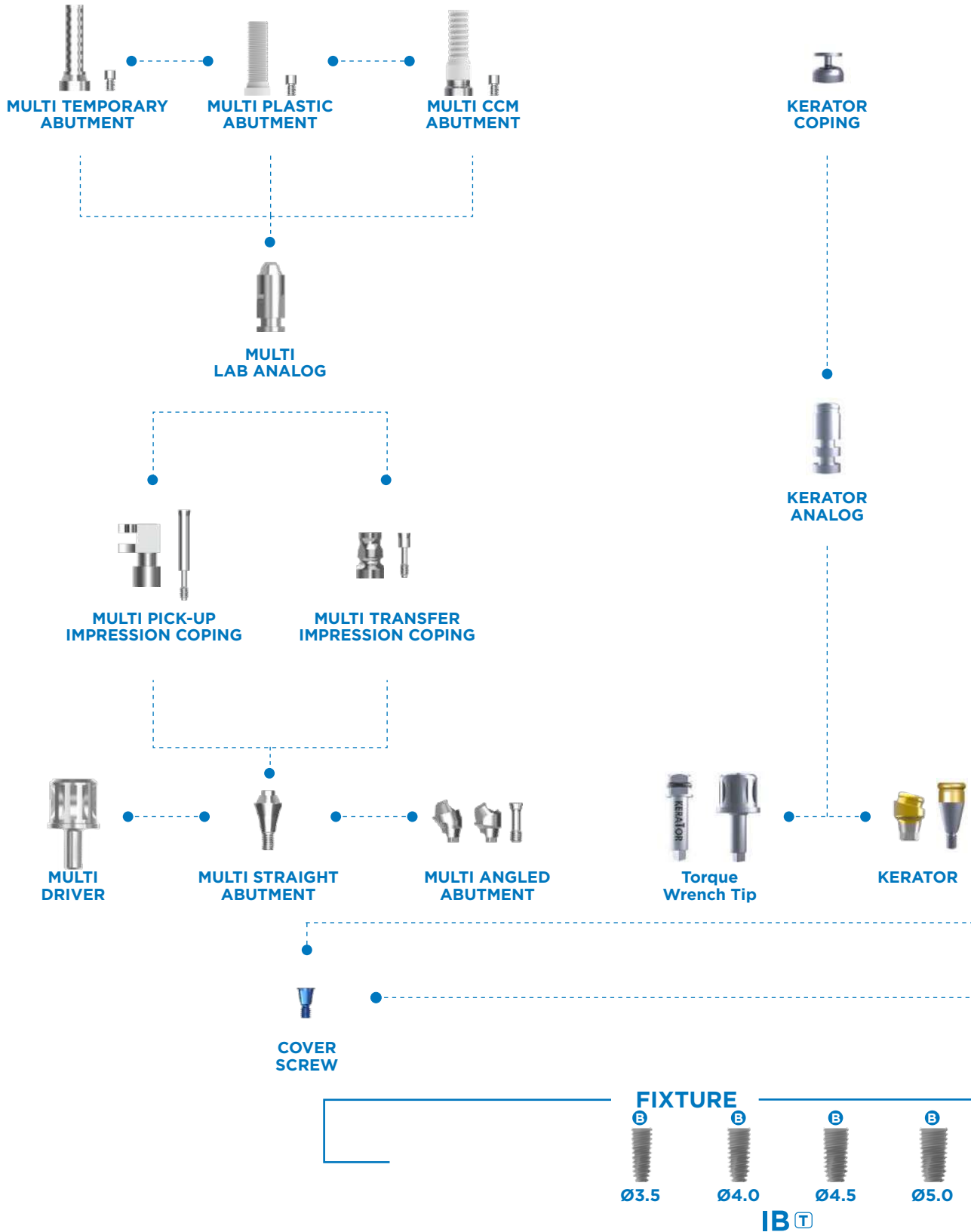
DATLA50S

- It is used at 3D printed Working Models for implant digital prosthesis

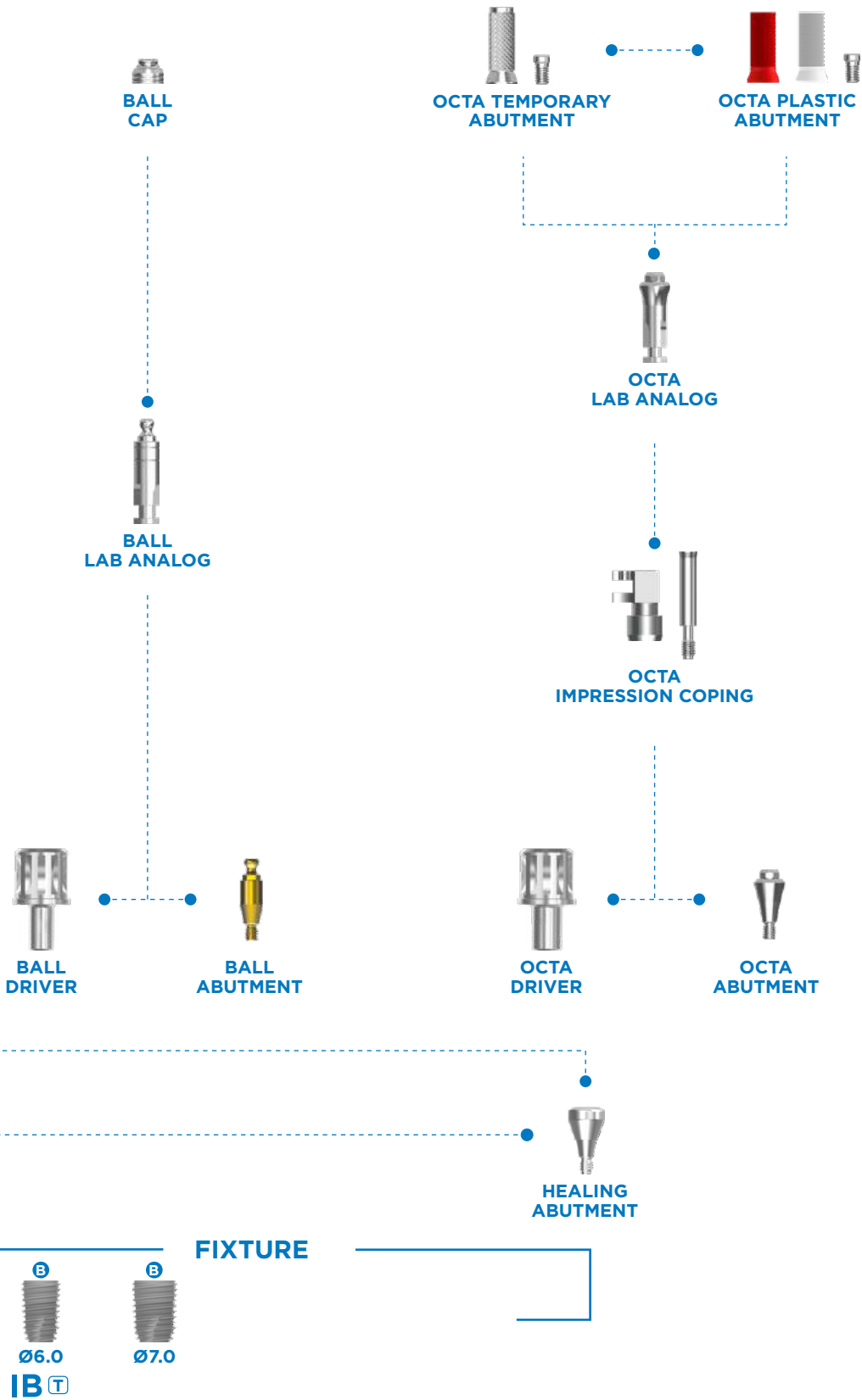


- Screw **DATLAS25** is included

Prosthetic Flow Chart Diagrams Overdenture Level

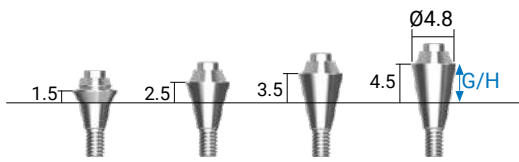


Scale : 1 : 1 / mm



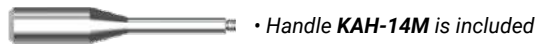
Multi Straight Abutment

Unit : mm, Scale 1 : 1.2 / mm

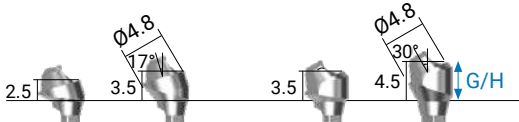


Connection	BLUE
G/H	REF NO.
1.5	AMS-15
2.5	AMS-25
3.5	AMS-35
4.5	AMS-45

- Use multi driver
- Use it for the bridge case prosthesis which deviates from the normal path
- Maximum torque : 35Ncm
- Screw : M2.0

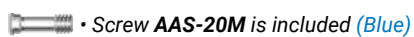


Multi Angled Abutment



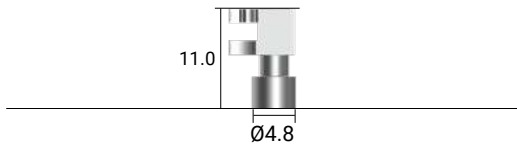
Connection	BLUE	
G/H \ Angle	17°	30°
2.5	AMA-2517	-
3.5	AMA-3517	AMA-3530
4.5	-	AMA-4530

- It is applied to adjust a path for prosthesis with its 17°, 30° axial angle
- Use it for the bridge case prosthesis which deviates from the normal path
- Maximum torque : 35Ncm
- Screw : M2.0




Multi Pick-up Impression Coping

Unit : mm, Scale 1 : 1.2 / mm

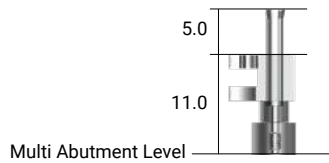


REF NO.
KIP-M

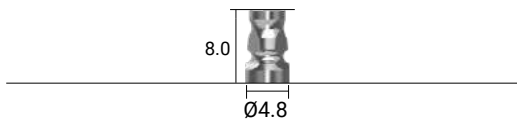
- Pick-up type impression coping with the custom tray
- The item is designed to minimize ill-fitting application in the impression material
- Asymmetric design is applied to minimize adjacent interference
- Screw - M1.4

 • Guide Pin **KGP-ML** is included

Multi Pick-up Impression Coping Guide



Multi Transfer Impression Coping

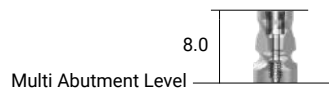


REF NO.
KIT-M

- Transfer type impression coping with the custom tray
- Screw - M1.4
- Multi transfer impression coping guide

 • Guide Pin **KGP-MS** is included

Multi Transfer Impression Coping Guide



Multi Lab Analog

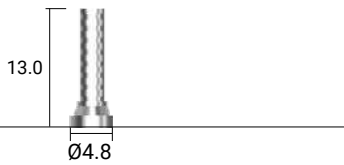


REF NO.
KAL-M

- Play a role of multi abutment on a working model.

Multi Temporary Abutment

Unit : mm, Scale 1 : 1.2 / mm



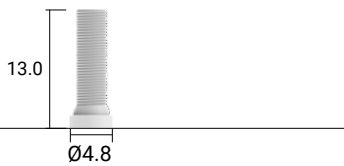
REF NO.

KTA-M

- Use 1.25 Hex Driver
- Maximum torque : 25Ncm
- Screw - M1.4

 • Screw **KPS-14M** is included

Multi Plastic Abutment



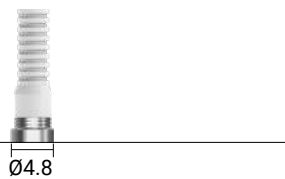
REF NO.

EEPAN48

- Use 1.25 Hex Driver
- Maximum torque : 25Ncm
- Screw - M1.4

 • Screw **KPS-14M** is included

Multi CCM Abutment



REF NO.

KCC-M

- Use 1.25 Hex Driver
- Maximum torque : 25Ncm
- Screw - M1.4

 • Screw **KPS-14M** is included

Multi Protect Cap

Unit : mm, Scale 1 : 1.2 / mm



Ø4.8

REF NO.

KPC-M

- Protect the multi abutment and minimizing mucosal irritation



• Screw **KPS-14M** is included

Multi Polishing Protector



Ø4.8

REF NO.

KPP-M

- Protect the physical connection of the prosthetics during polishing

Kerator (Straight Type) | Blue Connection

Unit : mm, Scale 1 : 1.2 / mm



Connection	BLUE
G/H	REF.NO
1.0	G401
2.0	G402
3.0	G403
4.0	G404
5.0	G405
6.0	G406

- Straight type
- Use Kerator tip
- **Male Cap Set, Carrier** are included

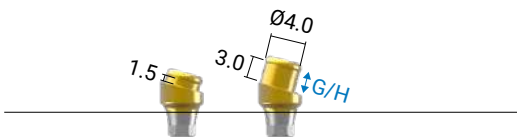
***Male Cap Set**



***Carrier**



Kerator (15° Angled Type) | Blue Connection



Connection	BLUE
G/H	REF.NO
1.5	G4AN1.5
3.0	G4AN3.0

- Angled Type
- Use 1.25 Hex Driver
- **Male Cap Set, Carrier, Abutment Screw** are included

***Male Cap Set**



***Carrier**



***Abutment Screw**



Magic Tool

Unit : mm, Scale 1 : 1.2 / mm



REF.NO
KMT002

- Composed Insertion part and removal part.

Torque Wrench Tip



Type	Square Connector	Round Connector
-	KMD619	KMD719

- Tightening abutment
- Recommended Torque : 25~30Ncm

Hand Housing



REF.NO
KMH001

- For Square Connector (KMD619)

Male Cap Set

Unit : mm, Scale 1 : 1.2 / mm

*Straight type



Metal Housing

White Spacer

2.4 lbs

1.2 lbs

0.8 lbs

*Angled type



Metal Housing

White Spacer

1.6 lbs

1.2 lbs

0.8 lbs

REF.NO	
CDPH SET	Straight type
	Angled type

- 1 metal housing + 1 white spacer + 3 color caps(pink, blue, red)
- Pink cap - 2.4 lbs, Orange cap - 1.6 lbs, Blue cap - 1.2 lbs, Red Cap - 0.8 lbs

Kerator Analog



REF.NO
DKA3854

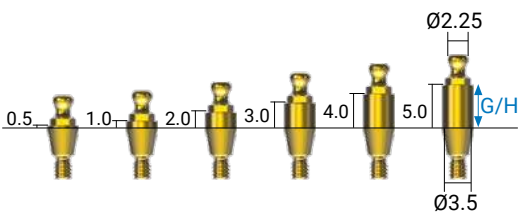
Kerator Coping



REF.NO
DKI4845

Ball Abutment

Unit : mm, Scale 1 : 1.2 / mm



Connection	BLUE
G/H	REF NO.
0.5	ATBA 00
1.0	ATBA 10
2.0	ATBA 20
3.0	ATBA 30
4.0	ATBA 40
5.0	ATBA 50

- Item for ball type over denture prosthesis
- Allow maximum 20 degrees' path
- Use ball driver
- Maximum torque : 35Ncm
- Screw : M2.0

Ball Lab Analog



REF NO.
ATBLA

- Play a role of ball abutment on a working model.

Ball Cap O-ring Set

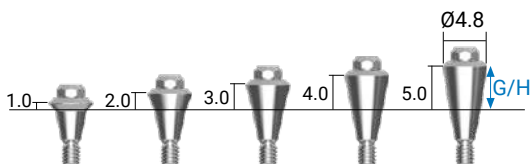


REF NO.
BAC

- Include O-ring (3ea)
- Allow maximum 20 degrees' path
- Replace cycle : 6 months
- O-ring tensile strength : 300-500gf
- O-ring can be purchased separately (REF NO. BACOB, 5ea/package)

Octa Abutment

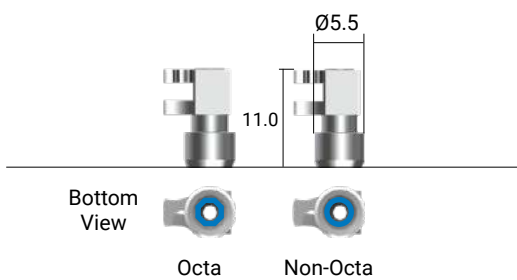
Unit : mm, Scale 1 : 1.2 / mm



Connection	BLUE
G/H	REF NO.
1.0	ATOSA 10
2.0	ATOSA 20
3.0	ATOSA 30
4.0	ATOSA 40
5.0	ATOSA 50


- Use it for the bridge case prosthesis which deviates from the normal path
- Use octa driver
- Maximum torque : 35Ncm
- Octa 3.0
- Screw : M2.0

Octa Impression Coping



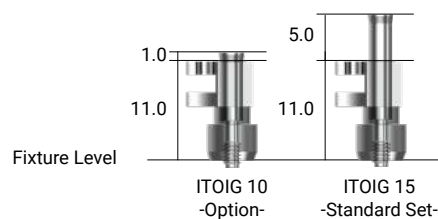
Type	Octa	Non-Octa
-	ITOIP 55O	ITOIP 55N

- Pick-up type impression coping with the custom tray
- The item is designed to minimize ill-fitting application in the impression material
- Asymmetric design is applied to minimize adjacent interference
- Height variations (Long & Short) for convenience
- Octa 3.0 / Screw - M2.0

 • Guide Pin **ITOIG 15** is included

 * Option : Guide pin **ITOIG 10**

Octa Impression Coping Guide



Octa Lab Analog

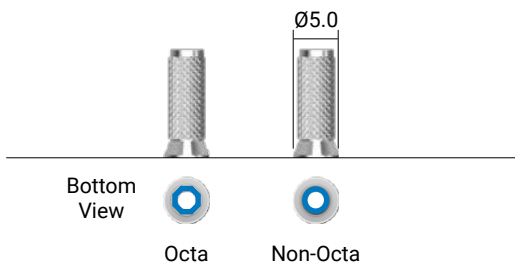
Unit : mm, Scale 1 : 1.2 / mm



REF NO.
ITOLA 30

- Play a role of octa screw abutment on a working model
- Octa 3.0

Octa Temporary Abutment

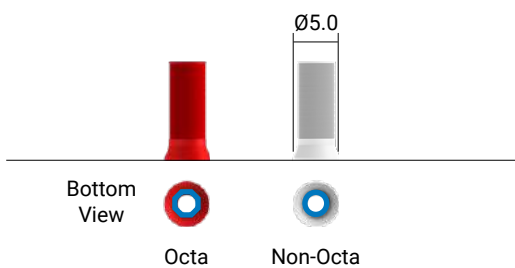


Type	Octa	Non-Octa
-	ITTA 500	ITTA 50N

- Use 1.25 Hex Driver
- Maximum torque : 35Ncm
- Octa 3.0 / Screw - M2.0

 • Screw **ITAS 20S** is included

Octa Plastic Abutment

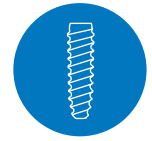


Type	Octa	Non-Octa
-	ATPA 480	ATPA 48N

- Octa-screw abutment for screw-retained prosthesis
- Use 1.25 Hex Driver
- Maximum torque : 35Ncm
- Octa 3.0 / Screw - M2.0

 • Screw **ITAS 20S** is included

Internal Bone Level - mini **IB mini System**



IB mini



Mini Size

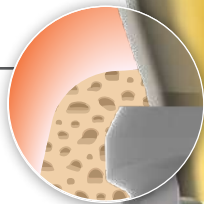


CONNECTION

IB mini SYSTEM

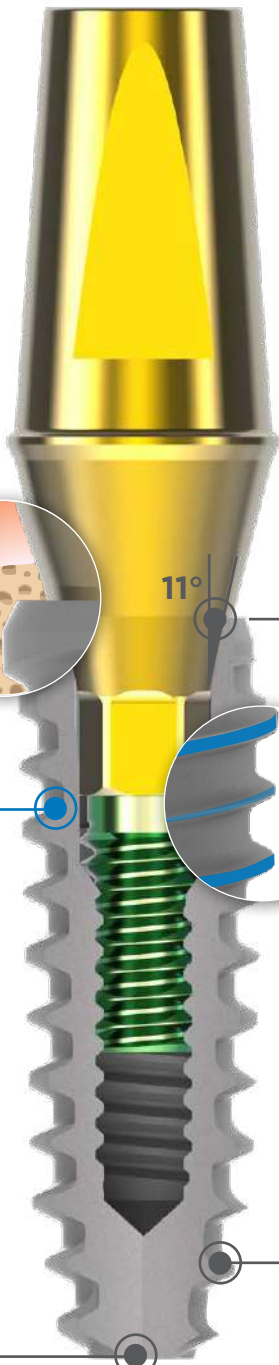
Platform Switching

Reduces the risk of inflammatory cell infiltration
Greatly contributes to marginal bone preservation and soft tissue attachment



Small but Strong

Suitable for narrow interdental space like maxillary lateral incisors as well as mandibular incisors



11°

Morse Tapered Hex Connection

Provides anti-rotation and allows for convenient indexing of the abutment
Distributes the load to the fixture evenly and helps to reduce the micro movement

Hybrid Double Thread

Allows Easier and quicker implant insertion in various bone condition
Helps to reduce bone stress during insertion and penetrate the bone with ease

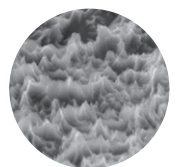
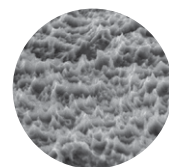


3 Blade Cutting Edge

Self-tapping function allows smooth insertion with minimal bone destruction
Rounded implant apex reduces risk of bone perforation

x3.0k

x5.0k



S.L.A Surface Treatment Sandblasted, Large grits, Acid etched

Most researched and proven surface technology

Internal Bone Level - mini IB **mini** Fixture Line-Up

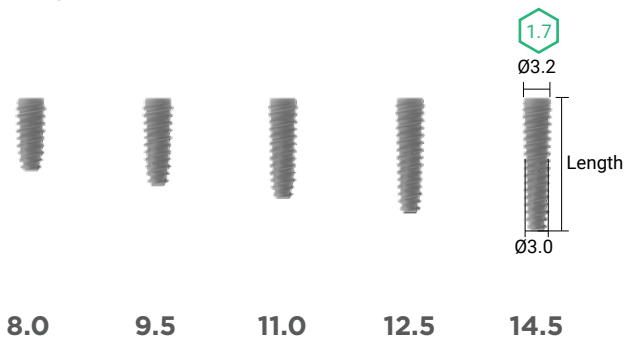


*Recommended placement torque : less than 40Ncm (to prevent any damage)

Unit : mm, Scale 1 : 1.2 / mm

Body Ø3.0 | Thread(Maximum) Ø3.2

*MFX-XX XX SD: Double hex



Connection	GREEN	
	Double Hex	Single Hex
Length		
8.0	KM 30 08 SA	MFX-32 08 S
9.5	KM 30 10 SA	MFX-32 10 S
11.0	KM 30 11 SA	MFX-32 11 S
12.5	KM 30 13 SA	MFX-32 13 S
14.5	KM 30 15 SA	MFX-32 15 S

• Cover screw **KMCS 14** is included

Cover Screw

Unit : mm, Scale 1 : 1.2 / mm

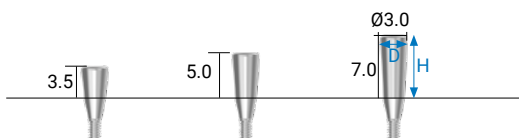


Connection	GREEN
-	KMCS14

- Use 1.25 Hex Driver
- Optimum torque : 5-8Ncm
- Screw - M1.4

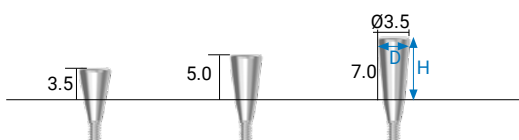
Healing Abutment

| Diameter Ø3.0



Connection	GREEN
H	REF NO.
3.5	KMHA 30 35
5.0	KMHA 30 50
7.0	KMHA 30 70

| Diameter Ø3.5



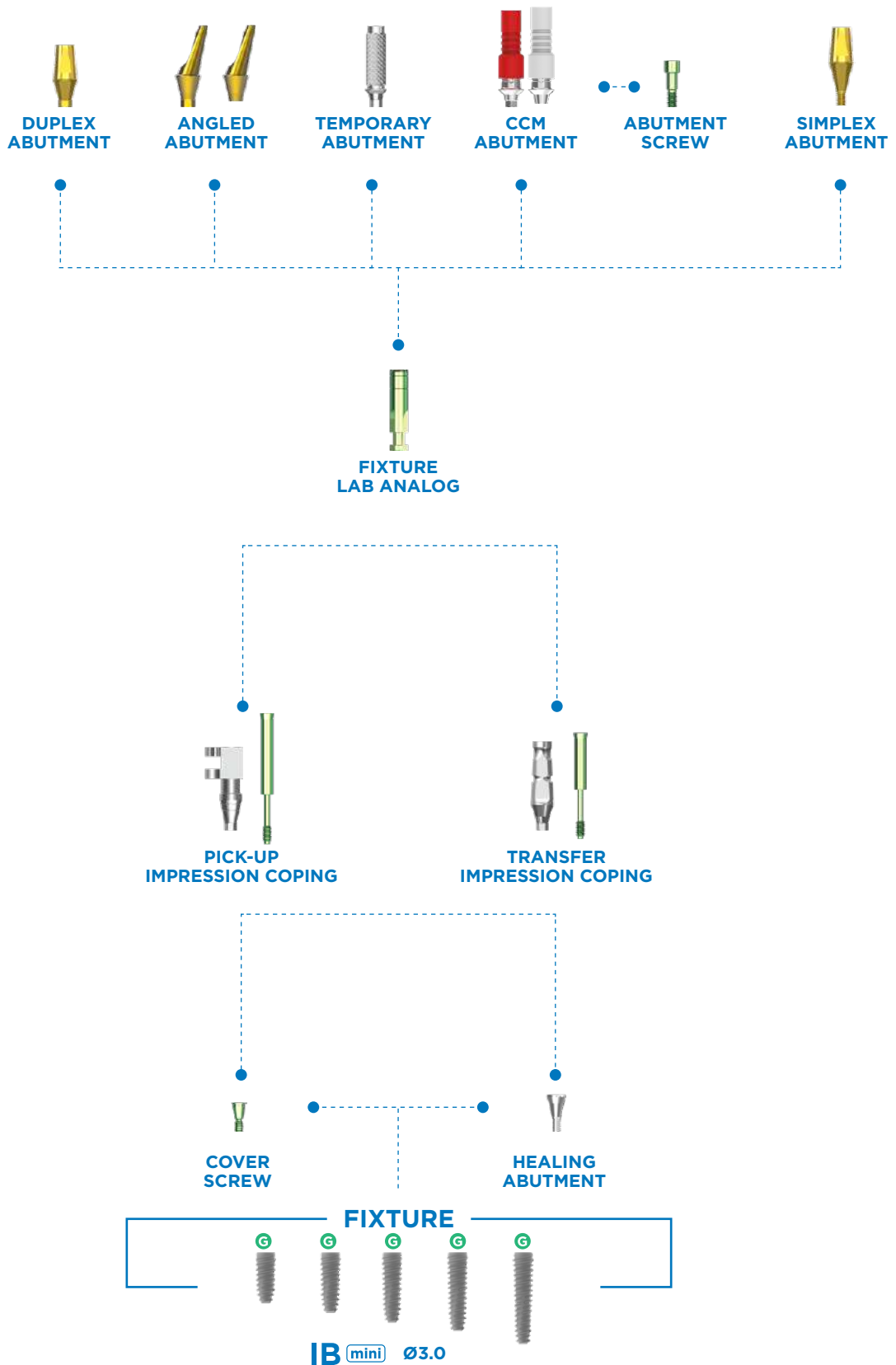
Connection	GREEN
H	REF NO.
3.5	KMHA 35 35
5.0	KMHA 35 50
7.0	KMHA 35 70

- Use 1.25 Hex Driver
- Optimum torque : 8-10Ncm
- Screw - M1.4

Prosthetic Flow Chart Diagrams

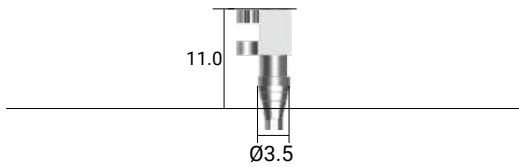
Fixture Level

Scale : 1 : 1 / mm



Pick-up Impression Coping

Unit : mm, Scale 1 : 1.2 / mm



Connection	GREEN
-	KMIP35H

- Pick-up type impression coping with the custom tray
- Hex 1.7 / Screw - M1.4

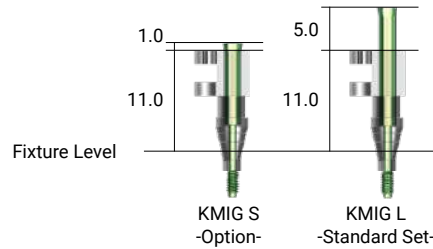


• Guide Pin **KMIGL** is included

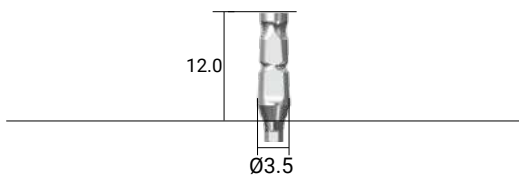


* Option : Guide pin **KMIGS**

Pick-up Impression Coping Guide



Transfer Impression Coping



Connection	GREEN
-	KMIT35H

- Transfer type impression coping with the custom tray
- Hex 1.7 / Screw -M1.4

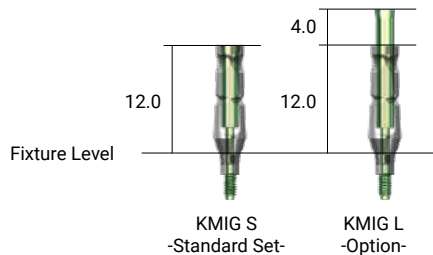


* Guide pin **KMIGS** is included



* Option : Guide Pin **KMIGL**

Transfer Impression Coping Guide



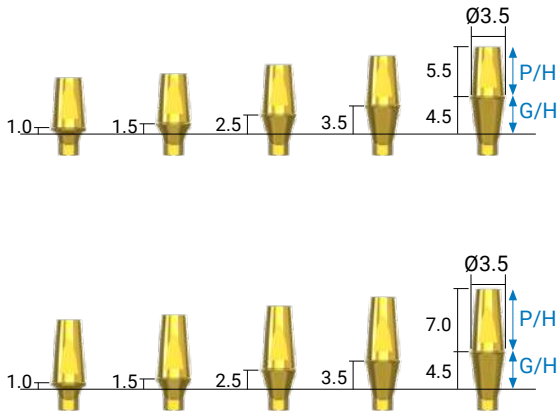
Fixture Lab Analog



Connection	GREEN
-	KMFLA30

- Play a role of fixture on a working model.

Duplex Abutment



Unit : mm, Scale 1 : 1.2 / mm

Connection		GREEN
G/H	P/H	5.5
1.0		KMDA 35 10 55H
1.5		KMDA 35 15 55H
2.5		KMDA 35 25 55H
3.5		KMDA 35 35 55H
4.5		KMDA 35 45 55H

Connection		GREEN
G/H	P/H	7.0
1.0		KMDA 35 10 70H
1.5		KMDA 35 15 70H
2.5		KMDA 35 25 70H
3.5		KMDA 35 35 70H
4.5		KMDA 35 45 70H

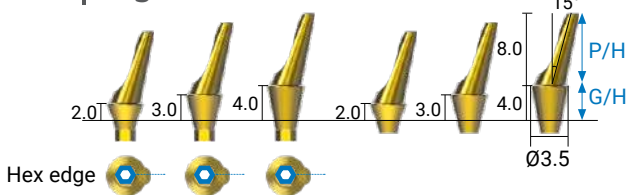
- Designed for general cement type prosthesis
- Colored in gold for aesthetic satisfaction
- Use 1.25 Hex driver
- Maximum torque : 25Ncm
- Hex 1.7 / Screw - M1.4



• Abutment Screw **KMAS 14** is included

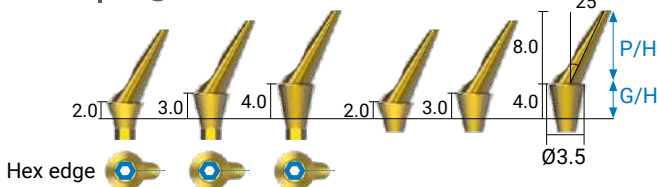
Angled Abutment

| Angled 15°



Connection		GREEN	
Type	Hex	Non-Hex	
G/H	P/H	8.0	
2.0		KMAA 35 2 15H	KMAA 35 2 15N
3.0		KMAA 35 3 15H	KMAA 35 3 15N
4.0		KMAA 35 4 15H	KMAA 35 4 15N

| Angled 25°



Connection		GREEN	
Type	Hex	Non-Hex	
G/H	P/H	8.0	
2.0		KMAA 35 2 25H	KMAA 35 2 25N
3.0		KMAA 35 3 25H	KMAA 35 3 25N
4.0		KMAA 35 4 25H	KMAA 35 4 25N

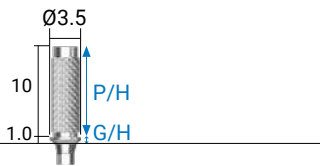
- It is applied to adjust a path for prosthesis with its 15°, 25° axial angle
- 22° tapered structure for stable connection
- Colored in gold for aesthetic satisfaction
- Use 1.25 Hex driver
- Maximum torque : 25Ncm
- Hex 1.7 / Screw - M1.4



• Abutment Screw **KMAS 14** is included

Temporary Abutment

Unit : mm, Scale 1 : 1.2 / mm



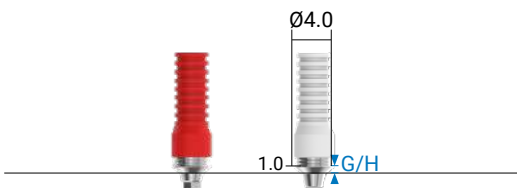
Connection	GREEN
-	KMTA35H

- Use 1.25 Hex Driver
- Maximum torque : 25Ncm
- Hex : 1.7, Screw : M1.4



• Abutment Screw **KMAS 14** is included

CCM Abutment



Connection	GREEN	
G/H \ Type	Hex	Non-Hex
1.0	KMCC-H	KMCC-N

- Easy manufacturing process due to plastic sleeve
- Improved physical connection strength due to the deep groove on the CCM abutment
- Easy recognition by color on the plastic sleeve
- **Single [red color]** Bridge [white color]
- Use 1.25 Hex Driver
- Maximum torque : 25Ncm
- Hex : 1.7, Screw : M1.4

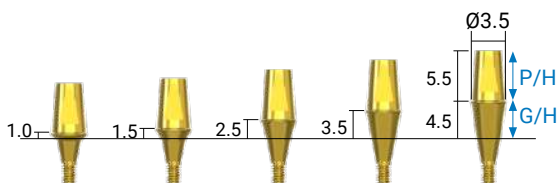


• Abutment Screw **KMAS 14** is included

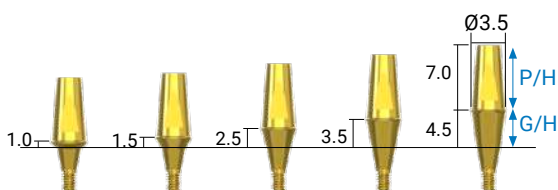
Simplex Abutment

Unit : mm, Scale 1 : 1.2 / mm

- Designed for general cement type prosthesis
- One body structure (abutment with screw)
- Colored in gold for aesthetic satisfaction
- Use 1.25 Hex driver
- Maximum torque : 25Ncm
- Screw - M1.4



Connection		GREEN
G/H	P/H	5.5
1.0		KMSA 35 10 55
1.5		KMSA 35 15 55
2.5		KMSA 35 25 55
3.5		KMSA 35 35 55
4.5		KMSA 35 45 55



Connection		GREEN
G/H	P/H	7.0
1.0		KMSA 35 10 70
1.5		KMSA 35 15 70
2.5		KMSA 35 25 70
3.5		KMSA 35 35 70
4.5		KMSA 35 45 70

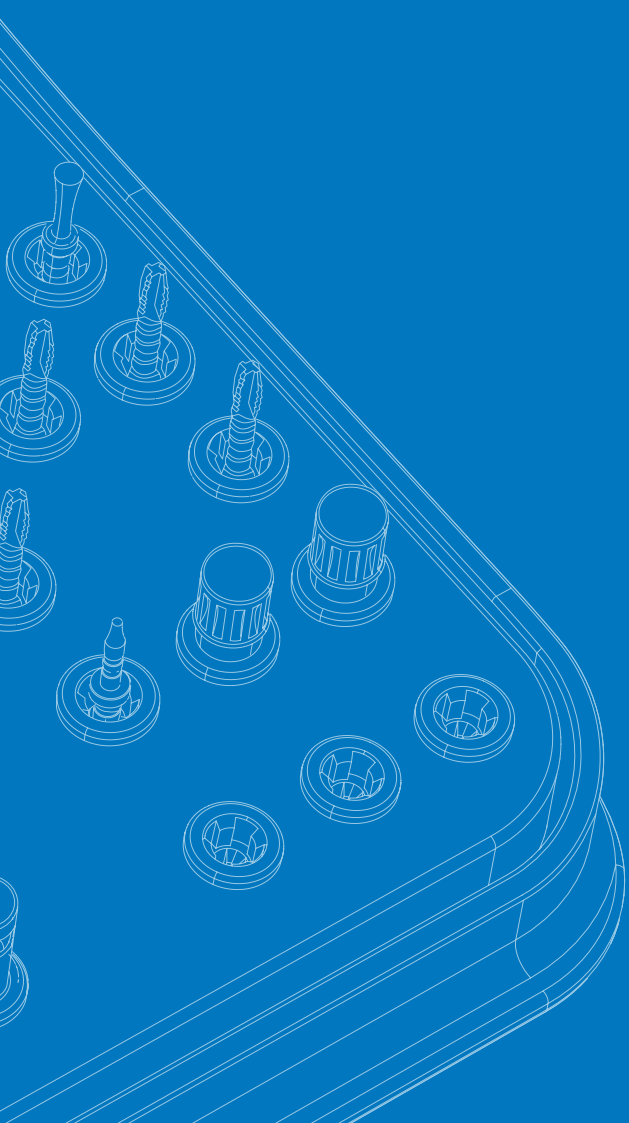
GENUINE DIFFERENCE



G[®]D₁FF

INSTRUMENT

















**REGULAR SURGICAL KIT
ADVANCED SURGICAL KIT
FULL SURGICAL KIT
MINI SURGICAL KIT
PROSTHETIC KIT
BONE COLLECTOR KIT
SURGICAL ENGINE**

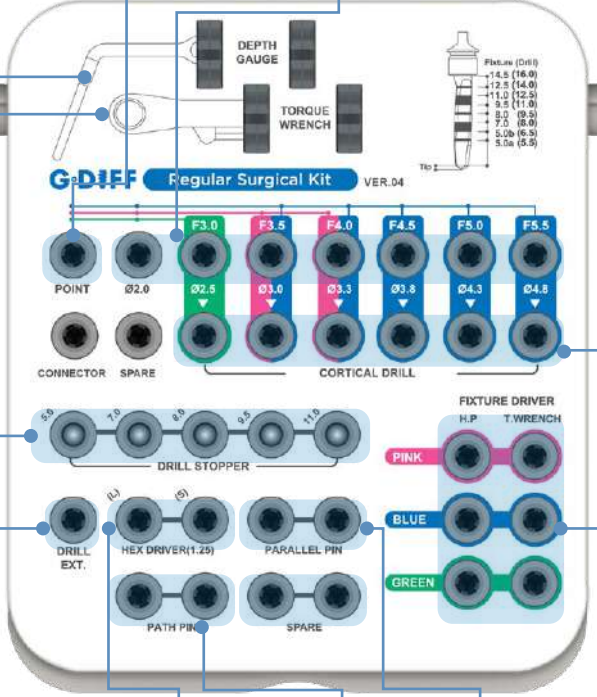


Instrument Regular Surgical Kit

REF.NO

GSK-RS

Torque wrench	Depth Gauge	Point Drill	Twist Drill						Cortical Drill						
															
ATW-40S	ADG-20P12	TPTD20	TMD20S / TMD25S / TKD30S / TKD33S / TKD38S TKD43S / TKD48S						TKCD30 / TKCD35 / TKCD40 TKCD45 / TKCD50 / TKCD55						



G-DIFF Regular Surgical Kit VER.04

DEPTH GAUGE
TORQUE WRENCH

POINT Ø2.0
CONNECTOR
SPARE









DRILL STOPPER: 5.0, 7.0, 8.0, 9.5, 11.0

DRILL EXT. (1.25)

HEX DRIVER (1.25)
PARALLEL PIN
PATH PIN
SPARE

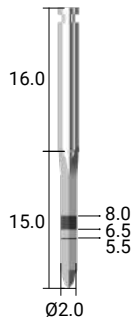
CORTICAL DRILL: F3.0, F3.5, F4.0, F4.5, F5.0, F5.5

FIXTURE DRIVER: H.P., T.WRENCH (PINK, BLUE, GREEN)

Drill Stopper	Drill Extension	Hex Driver	Path Pin	Parallel Pin	Fixture Driver		
							
TKDS05 / TKDS07 / TKDS08 TKDS10 / TKDS11	TDESP	THD125L / THD125S	KPP-3212 APP-3612	TPP2030	*Optional item *KFD-21HS *KFD-21RS	*Optional item AFD-25HS AFD-25RS	*Optional item *MFD-17HS *MFD-17RS

Point Drill

Unit : mm, Scale 1 : 1.2 / mm



D	REF.NO
Ø2.0	TPTD20

- The density of bone can be noticed during initial drilling
- Easily marking and forming a hole on the bone for initial drilling

Twist Drill



D	REF.NO
Ø2.0	TMD20S
Ø2.5	TMD25S
Ø3.0	TKD30S
Ø3.3	TKD33S
Ø3.8	TKD38S
Ø4.3	TKD43S
Ø4.8	TKD48S

- Twisted structure for excellent cutting ability
- TiN coating for anti-abrasion and anti-corrosion effect

**Note : Since the Ø2.0 and Ø2.5 drills are used for placing Ø3.0 fixtures, the connection with the stopper is designed to be narrower than the connection of drills larger than 3.0mm.*

Cortical Drill

Unit : mm, Scale 1 : 1.2 / mm



D	REF.NO
Ø2.9	TKCD30
Ø3.7	TKCD35
Ø4.2	TKCD40
Ø4.6	TKCD45
Ø5.0	TKCD50
Ø5.5	TKCD55

- Variations by the diameter of fixtures
- Used to enlarge the hole on the cortical bone

Drill Stopper



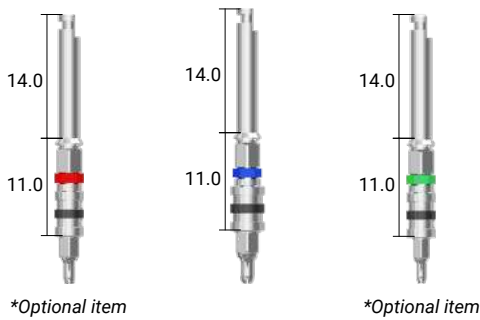
Drilling Depth	Stopper Length	REF.NO
5.5	14.5	TKDS05
8.0	12.0	TKDS07
9.5	10.5	TKDS08
11.0	9.0	TKDS10
12.5	7.5	TKDS11

- Used to stop drilling at designated length

Fixture Driver

Unit : mm, Scale 1 : 1.2 / mm

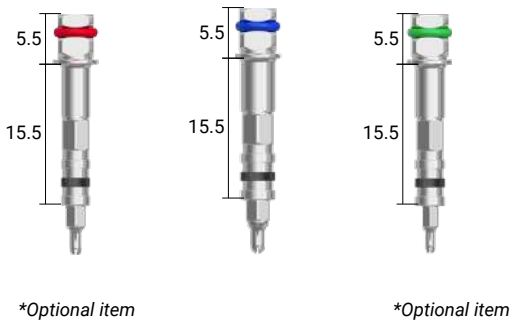
| For Handpiece



Connection	PINK	BLUE	GREEN
-	*KFD-21HS	AFD-25HS	*MFD-17HS

- Colored (Pink / Blue / Green) to identify the diameter easily
- Pink and Green drivers are optional items

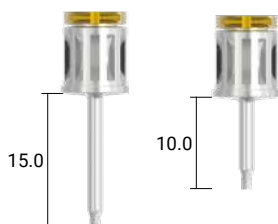
| For Torque Wrench



Connection	PINK	BLUE	GREEN
-	*KFD-21RS	AFD-25RS	*MFD-17RS

- Colored (Pink / Blue / Green) to identify the diameter easily
- Pink and Green drivers are optional items

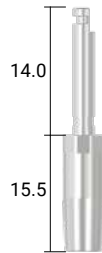
Hex Driver | 1.25



Type	REF.NO
Long	THD125L
Short	THD125S

Drill Extension

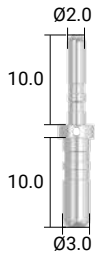
Unit : mm, Scale 1 : 1.2 / mm



REF.NO
TDESP

- Extension of drills for hand piece
- Connect the flat surface of the drill with the flat surface of the drill extension
- No excessive power is allowed for the connection

Parallel Pin



D	REF.NO
Ø2.0 / Ø3.0	TPP2030

- Insert this parallel pin into the hole on the bone to check out the path and parallelism
- Thread hole to prevent it from dropping into the throat

Path Pin

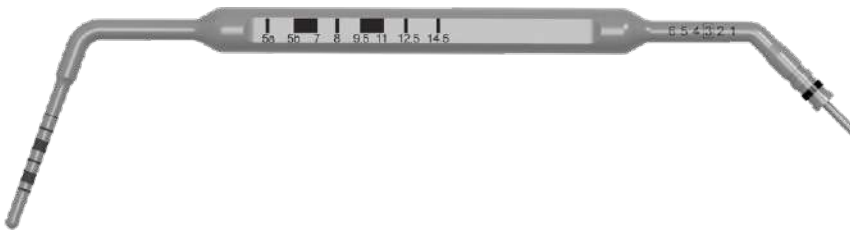


Connection	PINK	BLUE
-	KPP-3212	APP-3612

- Used to check parallelism after implant placement

Depth Gauge

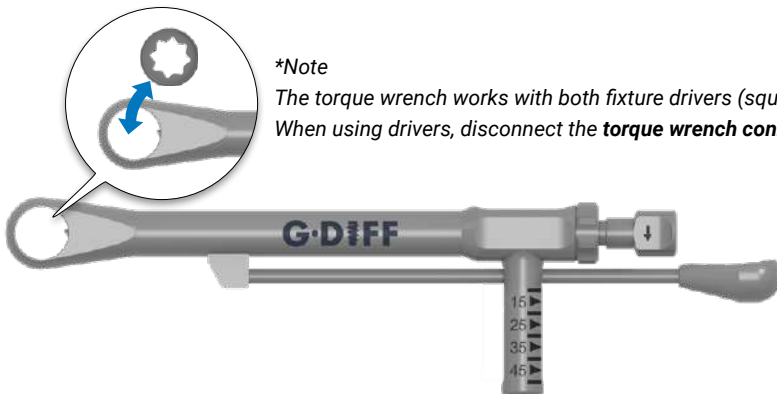
Unit : mm, Scale 1 : 1 / mm



REF.NO
ADG-20P12

- After drilling, use for the depth measurement

Torque Wrench



**Note*

*The torque wrench works with both fixture drivers (square connection) and drivers (round connection).
When using drivers, disconnect the **torque wrench connector(ATW-CN)** from the torque wrench.*

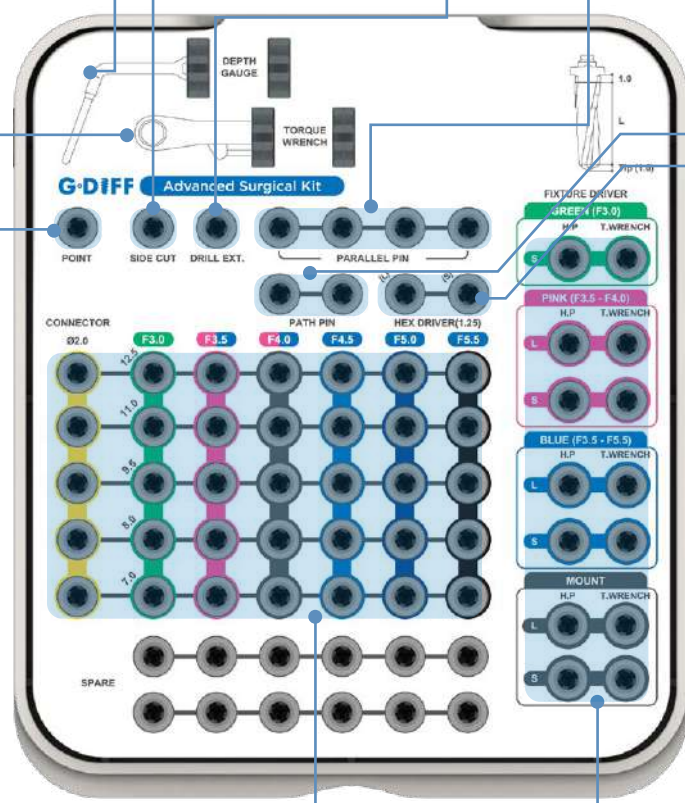
REF.NO
ATW-40S








- Use when implant placement or tightening the abutment, screw or etc.
- Locate to the center of bar at the wanted torque value
- Torque to tighten : 15~35Ncm









Instrument Advanced Surgical Kit

REF.NO
GSK-AL

Point Drill	Torque wrench	Depth Gauge	Side Cut Drill	Drill Extension	Parallel Pin	Path Pin	Hex Driver
							
TPTD20	ATW-40S	ADG-20P12	TSC20S	TDESP	TPP2030	KPP-3212 APP-3612	THD125L/THD125S

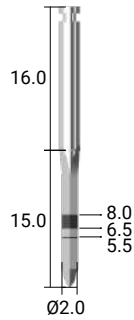


Step Drill			
			
TSD2007	TSD3007	TSD3507	TSD4007
TSD2008	TSD3008	TSD3508	TSD4008
TSD2010	TSD3010	TSD3510	TSD4010
TSD2011	TSD3011	TSD3511	TSD4011
TSD2013	TSD3013	TSD3513	TSD4013
			
TSD4507	TSD5007	TSD5507	
TSD4508	TSD5008	TSD5508	
TSD4510	TSD5010	TSD5510	
TSD4511	TSD5011	TSD5511	
TSD4513	TSD5013	TSD5513	

Fixture Driver				
				
<i>*Optional item</i>	<i>*Optional item</i>	<i>*Optional item</i>		
*MFD-17HS	*KFD-21HL	*KFD-21RL	AFD-25HL	AFD-25RL
*MFD-17RS	*KFD-21HS	*KFD-21RS	AFD-25HS	AFD-25RS
				
				<i>*Optional item</i>
				
				<i>*Optional item</i>
				
				<i>*Optional item</i>

Point Drill

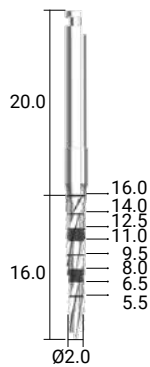
Unit : mm, Scale 1 : 1.2 / mm



D	REF.NO
Ø2.0	TPTD20

- The density of bone can be noticed during initial drilling
- Easily marking and forming a hole on the bone for initial drilling

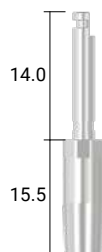
Side Cut Drill



D	REF.NO
Ø2.0	TSC20S

- The density of bone can be noticed during initial drilling
- Easily marking and forming a hole on the bone for initial drilling

Drill Extension



REF.NO
TDESP

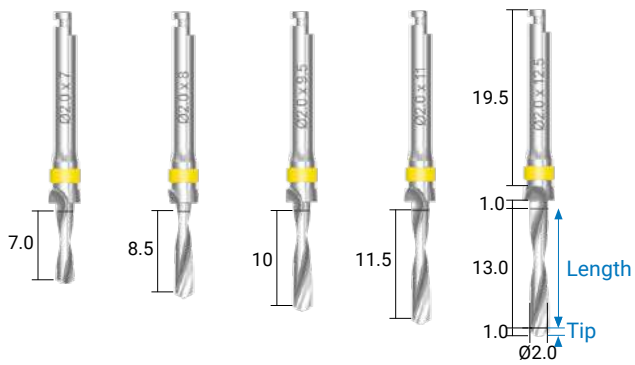
- Extension of drills for hand piece
- Connect the flat surface of the drill with the flat surface of the drill extension
- No excessive power is allowed for the connection

Step Drill

Unit : mm, Scale 1 : 1.2 / mm

- Variations by the diameter of fixtures
- Color marking at the shank to recognize the size easily

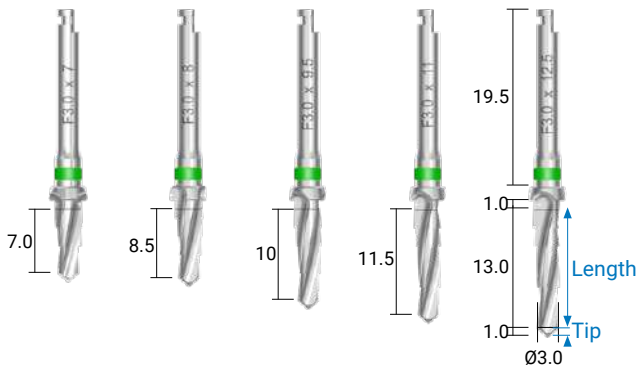
| Ø2.0



Length	REF.NO
7.0	TSD2007
8.0	TSD2008
9.5	TSD2010
11.0	TSD2011
12.5	TSD2013

*Length is not included the Tip (1mm) at the apex

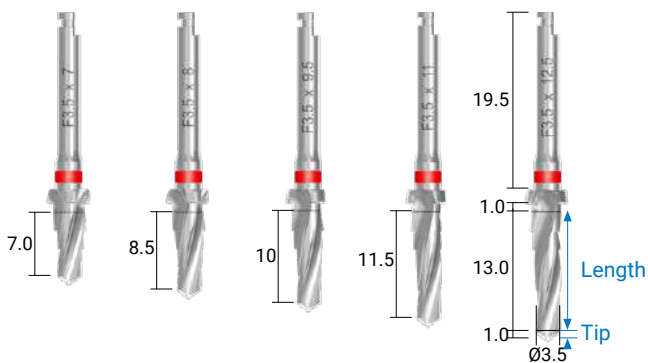
| F3.0 (Ø3.0)



Length	REF.NO
7.0	TSD3007
8.0	TSD3008
9.5	TSD3010
11.0	TSD3011
12.5	TSD3013

*Length is not included the Tip (1mm) at the apex

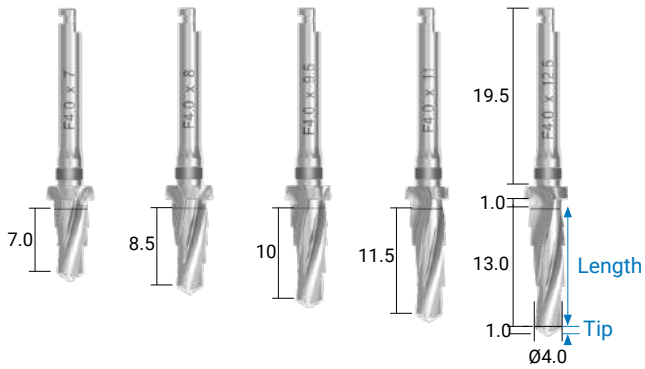
| F3.5 (Ø3.5)



Length	REF.NO
7.0	TSD3507
8.0	TSD3508
9.5	TSD3510
11.0	TSD3511
12.5	TSD3513

*Length is not included the Tip (1mm) at the apex

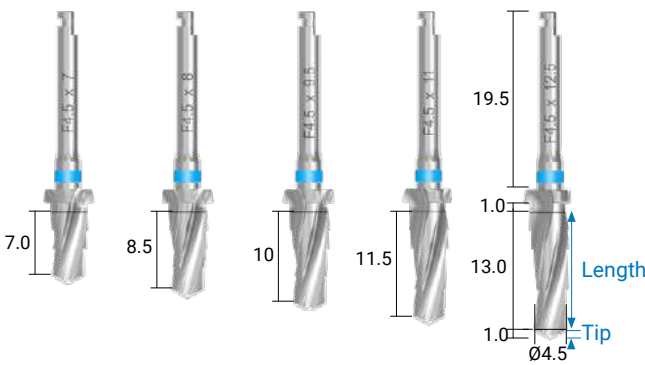
| F4.0 (Ø4.0)



Length	REF.NO
7.0	TSD4007
8.0	TSD4008
9.5	TSD4010
11.0	TSD4011
12.5	TSD4013

*Length is not included the Tip (1mm) at the apex

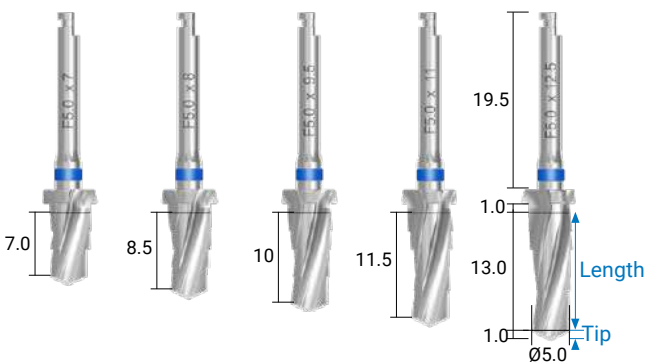
| F4.5 (Ø4.5)



Length	REF.NO
7.0	TSD4507
8.0	TSD4508
9.5	TSD4510
11.0	TSD4511
12.5	TSD4513

*Length is not included the Tip (1mm) at the apex

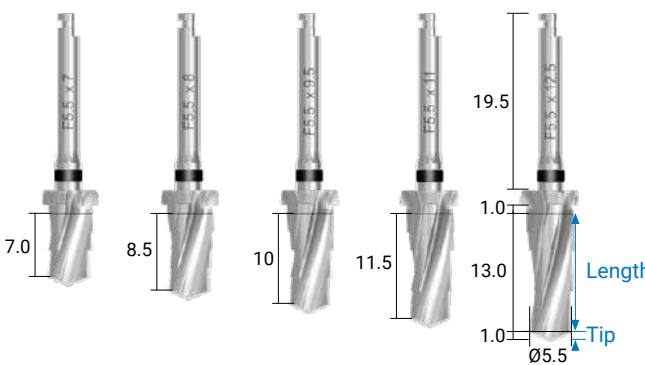
| F5.0 (Ø5.0)



Length	REF.NO
7.0	TSD5007
8.0	TSD5008
9.5	TSD5010
11.0	TSD5011
12.5	TSD5013

*Length is not included the Tip (1mm) at the apex

| F5.5 (Ø5.5)



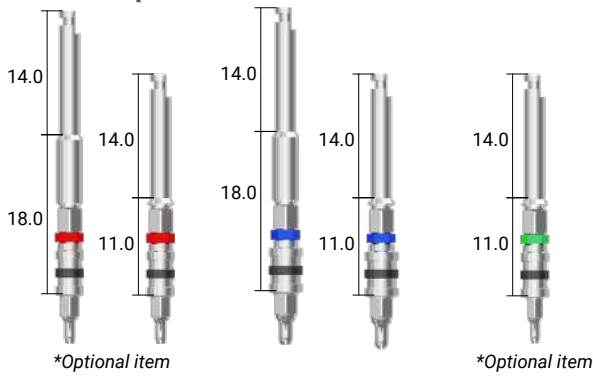
Length	REF.NO
7.0	TSD5507
8.0	TSD5508
9.5	TSD5510
11.0	TSD5511
12.5	TSD5513

*Length is not included the Tip (1mm) at the apex

Fixture Driver

Unit : mm, Scale 1 : 1.2 / mm

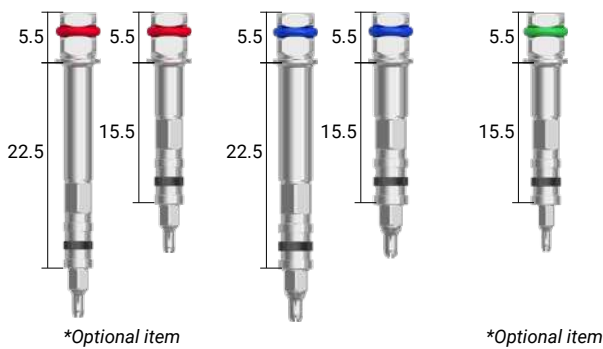
| For Handpiece



Type \ Con.	PINK	BLUE	GREEN
Long	*KFD-21HL	AFD-25HL	-
Short	*KFD-21HS	AFD-25HS	*MFD-17HS

- Colored (Pink / Blue / Green) to identify the diameter easily
- Pink and Green drivers are optional items

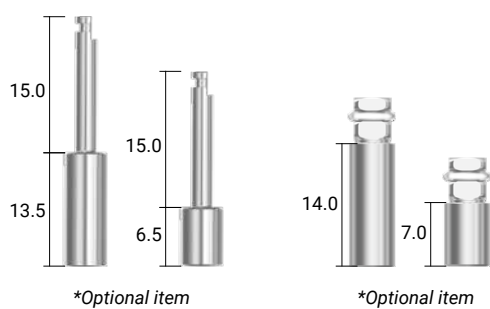
| For Torque Wrench



Type \ Con.	PINK	BLUE	GREEN
Long	*KFD-21RL	AFD-25RL	-
Short	*KFD-21RS	AFD-25RS	*MFD-17RS

- Colored (Pink / Blue / Green) to identify the diameter easily
- Pink and Green drivers are optional items

| For Mount

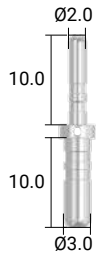


Type	For handpiece	For Torque Wrench
Long	*THC350L	*TRA350LS
Short	*THC350	*TRA350SS

- Used for the handpiece or torque wrench in the case of installation of fixture with the mount

Parallel Pin

Unit : mm, Scale 1 : 1.2 / mm



D	REF.NO
Ø2.0 / Ø3.0	TPP2030

- Insert this parallel pin into the hole on the bone to check out the path and parallelism

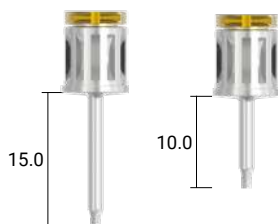
Path Pin



Connection	PINK	BLUE
-	KPP-3212	APP-3612

- Used to check parallelism after implant placement

Hex Driver | 1.25



Type	REF.NO
Long	THD125L
Short	THD125S

Depth Gauge

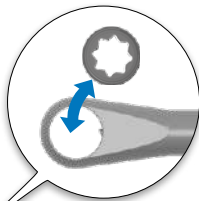
Unit : mm, Scale 1 : 1 / mm



REF.NO
ADG-20P12

- After drilling, use for the depth measurement

Torque Wrench



**Note*

*The torque wrench works with both fixture drivers (square connection) and drivers (round connection).
When using drivers, disconnect the **torque wrench connector(ATW-CN)** from the torque wrench.*



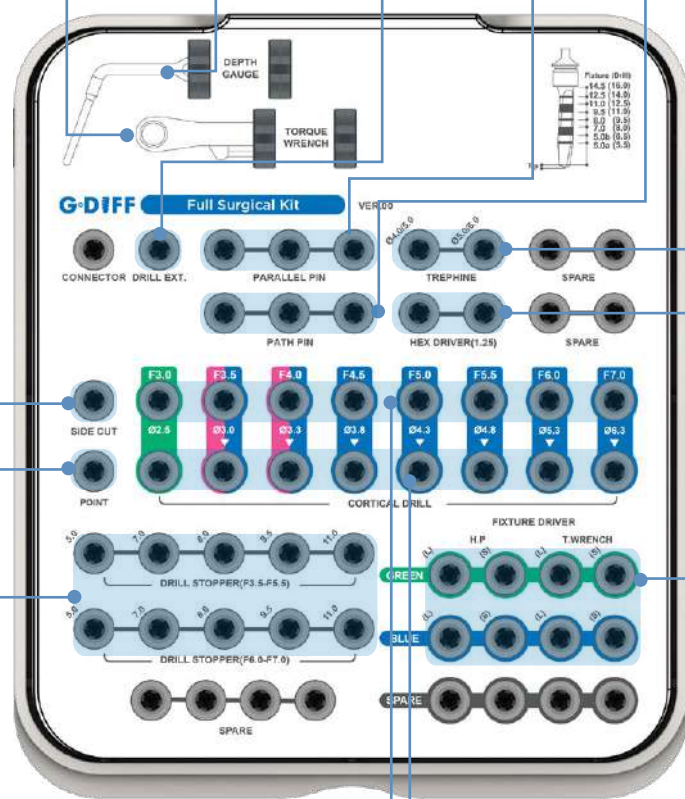
REF.NO
ATW-40S

- Use when implant placement or tightening the abutment, screw or etc.
- Locate to the center of bar at the wanted torque value
- Torque to tighten : 15~35Ncm
- Wash and sterilize after use

Instrument Full Surgical Kit

REF.NO
GSK-FL

Point Drill	Side Cut Drill	Torque wrench	Depth Gauge	Drill Extension	Parallel Pin	Path Pin	Trephine Bur	Hex Driver
TPTD20	TSC20S	ATW-40S	ADG-20P12	TDESP	TPP2030	APP-3612	PTB4050S PTB5060S	THD125L THD125S



Fixture Driver

**Optional item*

**Optional item*

*MFD-17HL
*MFD-17HS

*MFD-17RL
*MFD-17RS

AFD-25HL
AFD-25HS

AFD-25RL
AFD-25RS

Drill Stopper

TKDS05 / TKDS07 / TKDS08
TKDS10 / TKDS11

TWDS05 / TWDS07 / TWDS08
TWDS10 / TWDS11

Twist Drill

Ø2.5 Ø3.0 Ø3.3 Ø3.8 Ø4.3 Ø4.8 Ø5.3 Ø6.3

TMD25S / TKD30S / TKD33S / TKD38S
TKD43S / TKD48S / TKD53S / TKD63S

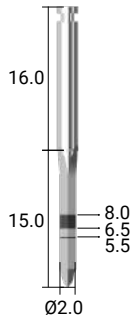
Cortical Drill

Ø2.9 Ø3.7 Ø4.2 Ø4.6 Ø5.0 Ø5.5 Ø6.0 Ø7.0

TKCD30 / TKCD35 / TKCD40 / TKCD45
TKCD50 / TKCD55 / TKCD60 / TKCD70

Point Drill

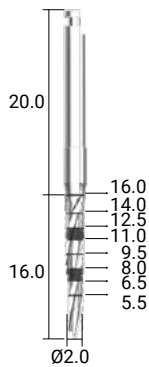
Unit : mm, Scale 1 : 1.2 / mm



D	REF.NO
Ø2.0	TPTD20

- The density of bone can be noticed during initial drilling
- Easily marking and forming a hole on the bone for initial drilling

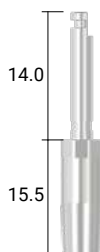
Side Cut Drill



D	REF.NO
Ø2.0	TSC20S

- The density of bone can be noticed during initial drilling
- Easily marking and forming a hole on the bone for initial drilling

Drill Extension

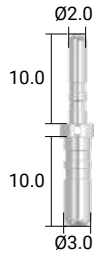


REF.NO
TDESP

- Extension of drills for hand piece
- Connect the flat surface of the drill with the flat surface of the drill extension
- No excessive power is allowed for the connection

Parallel Pin

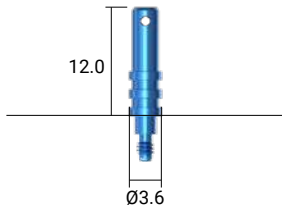
Unit : mm, Scale 1 : 1.2 / mm



D	REF.NO
Ø2.0 / Ø3.0	TPP2030

- Insert this parallel pin into the hole on the bone to check out the path and parallelism
- Thread hole to prevent it from dropping into the throat

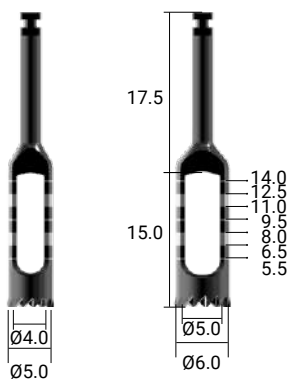
Path Pin



Connection	BLUE
-	APP-3612

- Used to check parallelism after implant placement

Trephine Bur



D	REF.NO
Ø4.0 / Ø5.0	PTB4050S
Ø5.0 / Ø6.0	PTB5060S

- Used to remove bone or dental implants

Hex Driver | 1.25



Type	REF.NO
Long	THD125L
Short	THD125S

Twist Drill

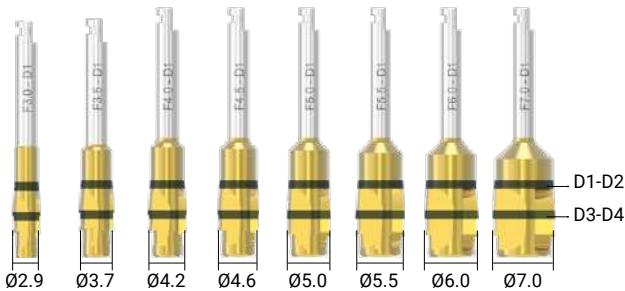


D	REF.NO
Ø2.5	TMD25S
Ø3.0	TKD30S
Ø3.3	TKD33S
Ø3.8	TKD38S
Ø4.3	TKD43S
Ø4.8	TKD48S
Ø5.3	TKD53S
Ø6.3	TKD63S

- Twisted structure for excellent cutting ability
- TiN coating for anti-abrasion and anti-corrosion effect

**Note : Since the Ø2.0 and Ø2.5 drills are used for placing Ø3.0 fixtures, the connection with the stopper is designed to be narrower than the connection of drills larger than 3.0mm.*

Cortical Drill



D	REF.NO
Ø2.9	TKCD30
Ø3.7	TKCD35
Ø4.2	TKCD40
Ø4.6	TKCD45
Ø5.0	TKCD50
Ø5.5	TKCD55
Ø6.0	TKCD60
Ø7.0	TKCD70

- Variations by the diameter of fixtures
- Used to enlarge the hole on the cortical bone

Drill Stopper

Unit : mm, Scale 1 : 1.2 / mm

| F3.5~F.5.5



For Fixture 5.0mm For Fixture 7.0mm For Fixture 8.0mm For Fixture 9.5mm For Fixture 11.0mm

Drilling Depth	Stopper Length	REF.NO
5.5	14.5	TKDS05
8.0	12.0	TKDS07
9.5	10.5	TKDS08
11.0	9.0	TKDS10
12.5	7.5	TKDS11

- Used to stop drilling at designated length

| F6.0~F.7.0



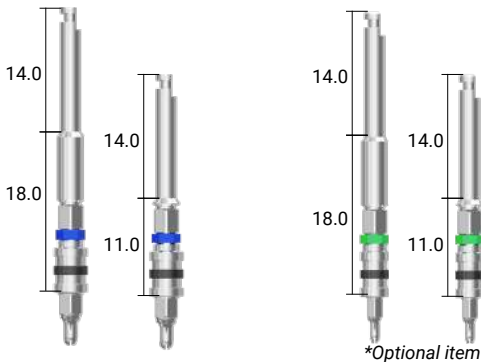
For Fixture 5.0mm For Fixture 7.0mm For Fixture 8.0mm For Fixture 9.5mm For Fixture 11.0mm

Drilling Depth	Stopper Length	REF.NO
5.5	12.0	TWDS05
8.0	9.5	TWDS07
9.5	8.0	TWDS08
11.0	6.5	TWDS10
12.5	5.0	TWDS11

- Used to stop drilling at designated length

Fixture Driver

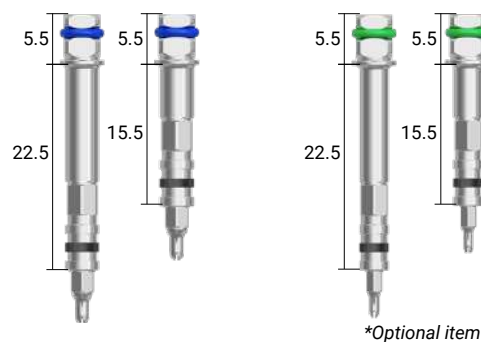
| For Handpiece



Type \ Con.	BLUE	GREEN
Long	AFD-25HL	*MFD-17HL
Short	AFD-25HS	*MFD-17HS

- Colored (Blue / Green) to identify the diameter easily

| For Torque Wrench

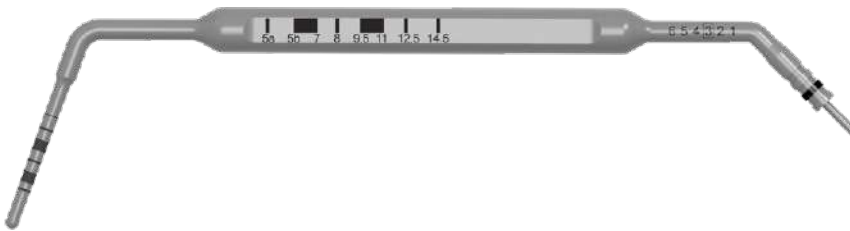


Type \ Con.	BLUE	GREEN
Long	AFD-25RL	*MFD-17RL
Short	AFD-25RS	*MFD-17RS

- Colored (Blue / Green) to identify the diameter easily

Depth Gauge

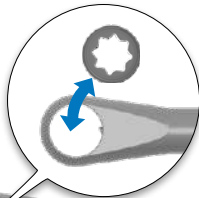
Unit : mm, Scale 1 : 1 / mm



REF.NO
ADG-20P12

- After drilling, use for the depth measurement

Torque Wrench



**Note*

The torque wrench works with both fixture drivers (square connection) and drivers (round connection).
When using drivers, disconnect the **torque wrench connector(ATW-CN)** from the torque wrench.

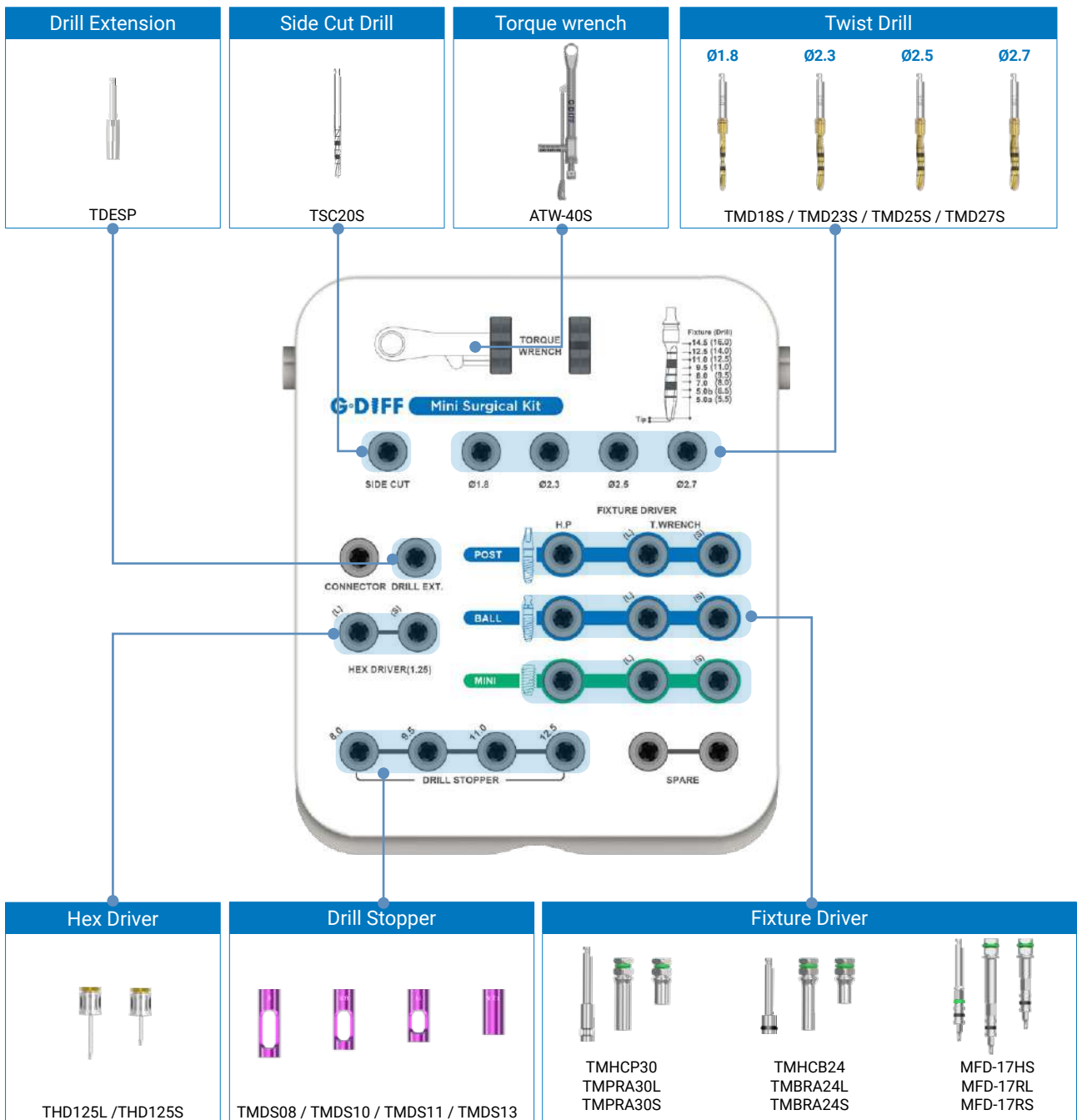


REF.NO
ATW-40S

- Use when implant placement or tightening the abutment, screw or etc.
- Locate to the center of bar at the wanted torque value
- Torque to tighten : 15~35Ncm

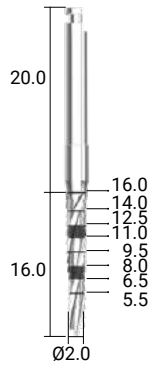
Instrument Mini Surgical Kit

REF.NO
GSK-MS



Side Cut Drill

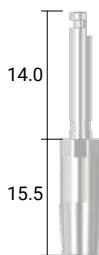
Unit : mm, Scale 1 : 1.2 / mm



D	REF.NO
Ø2.0	TSC20S

- The density of bone can be noticed during initial drilling
- Easily marking and forming a hole on the bone for initial drilling

Drill Extension



REF.NO
TDESP

- Extension of drills for hand piece
- Connect the flat surface of the drill with the flat surface of the drill extension
- No excessive power is allowed for the connection

Twist Drill



D	REF.NO
Ø1.8	TMD18S
Ø2.3	TMD23S
Ø2.5	TMD25S
Ø2.7	TMD27S

- Twisted structure for excellent cutting ability
- TiN coating for anti-abrasion and anti-corrosion effect

Hex Driver | 1.25

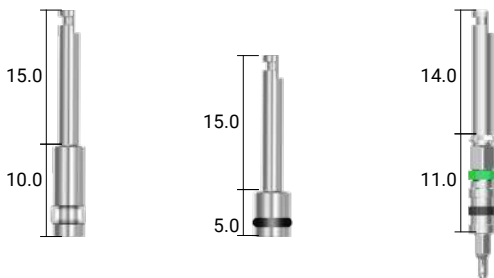
Unit : mm, Scale 1 : 1.2 / mm



Type	REF.NO
Long	THD125L
Short	THD125S

Fixture Driver

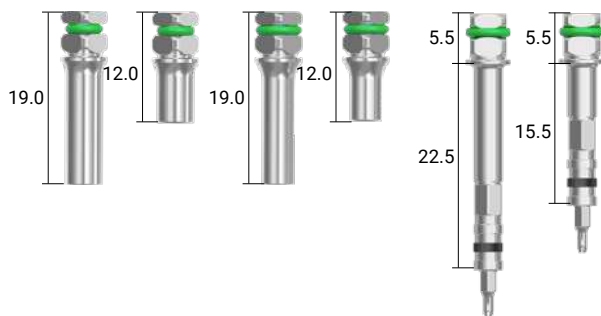
| For Handpiece



Type	POST	BALL	MINI
-	TMHCP30	TMHCB24	MFD-17HS

• Colored to identify the type easily

| For Torque Wrench



Type	POST	BALL	MINI
Long	TMPRA30L	TMBRA24L	MFD-17RS
Short	TMPRA30S	TMBRA24S	MFD-17RL

• Colored to identify the type easily

Drill Stopper

Unit : mm, Scale 1 : 1.2 / mm

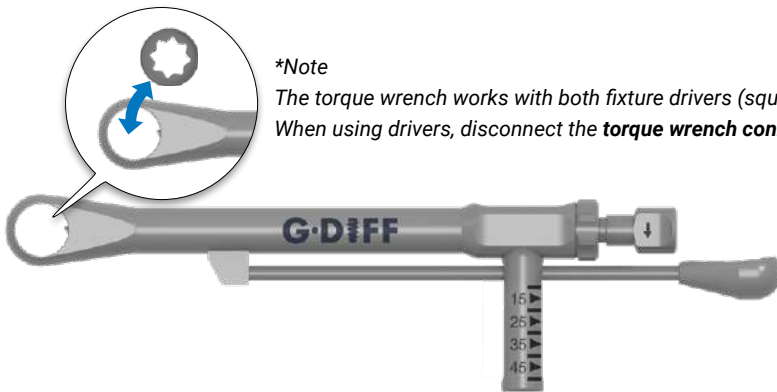


Drilling Depth	Stopper Length	REF.NO
9.5	13.5	TMDS08
11.0	12	TMDS10
12.5	10.5	TMDS11
14.0	9.0	TMDS13

- Used to stop drilling at designated length

Torque Wrench

Unit : mm, Scale 1 : 1 / mm



***Note**

The torque wrench works with both fixture drivers (square connection) and drivers (round connection).
When using drivers, disconnect the **torque wrench connector(ATW-CN)** from the torque wrench.

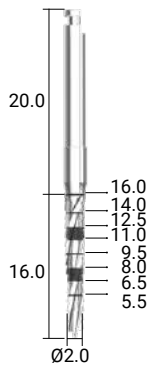
REF.NO
ATW-40S

- Use when implant placement or tightening the abutment, screw or etc.
- Locate to the center of bar at the wanted torque value
- Torque to tighten : 15~35Ncm

Instrument Optional Item

Side Cut Drill

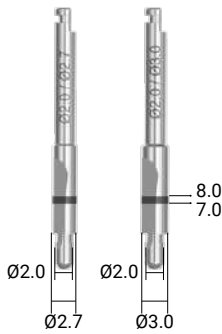
Unit : mm, Scale 1 : 1.2 / mm



D	REF.NO
Ø2.0	TSC20S

- The density of bone can be noticed during initial drilling
- Easily marking and forming a hole on the bone for initial drilling

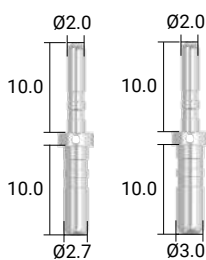
Pilot Drill



D	REF.NO
Ø2.0 / Ø2.7	TPD2027
Ø2.0 / Ø3.0	TPD2030

- Use is when change the path of drilling hole
- have laser marking to figure out the hole depth

Parallel Pin



D	REF.NO
Ø2.0 / Ø2.7	TPP2027
Ø2.0 / Ø3.0	TPP2030

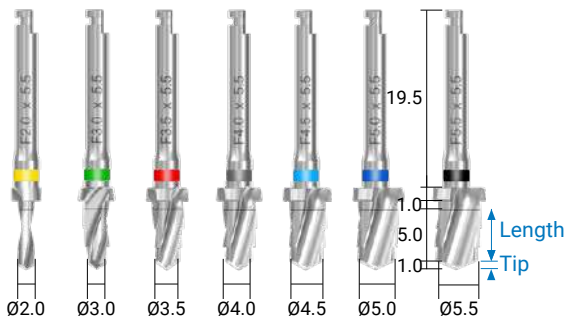
- Insert this parallel pin into the hole on the bone to check out the path and parallelism
- Thread hole to prevent it from dropping into the throat

Step Drill

Unit : mm, Scale 1 : 1.2 / mm

- Variations by the diameter of fixtures
- Color marking at the shank to recognize the size easily

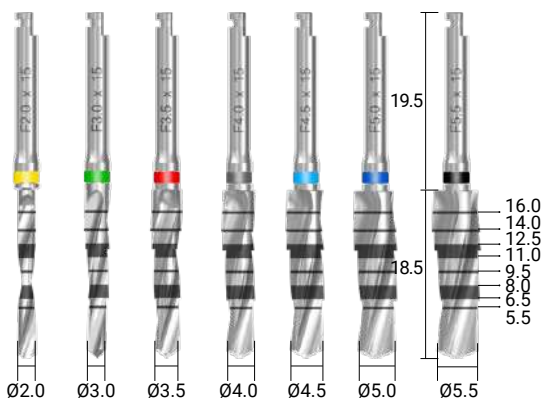
| Length : 5.0mm



Diameter	REF.NO
2.0	TSD2005
3.0	TSD3005
3.5	TSD3505
4.0	TSD4005
4.5	TSD4505
5.0	TSD5005
5.5	TSD5505

*Length is not included the Tip (1mm) at the apex

| Length : 15.0mm



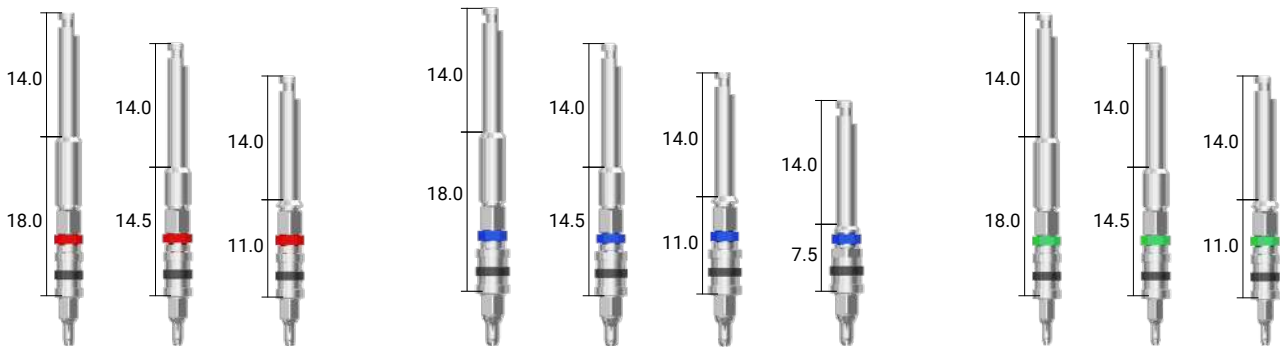
Diameter	REF.NO
2.0	TSD2015
3.0	TSD3015
3.5	TSD3515
4.0	TSD4015
4.5	TSD4515
5.0	TSD5015
5.5	TSD5515

*Length is not included the Tip (1mm) at the apex

Fixture Driver

Unit : mm, Scale 1 : 1.2 / mm

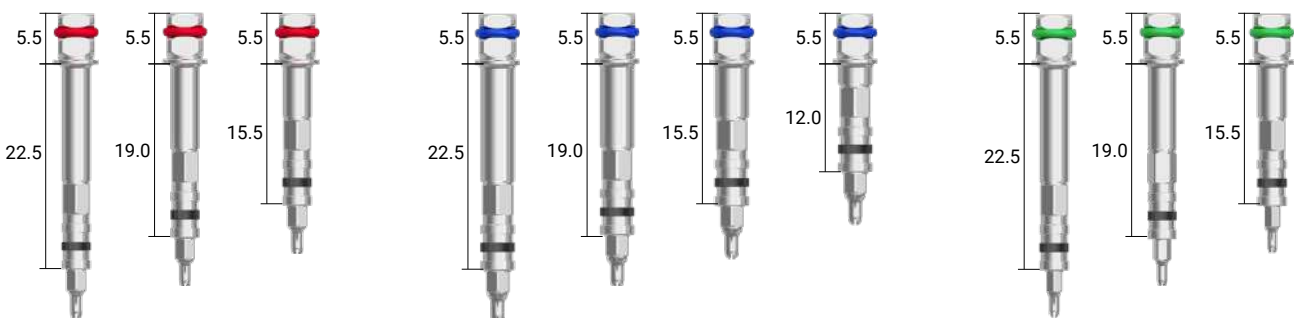
| For Handpiece



Type \ Con.	PINK	BLUE	GREEN
Long	KFD-21HL	AFD-25HL	MFD-17HL
Medium	KFD-21H	AFD-25H	MFD-17H
Short	KFD-21HS	AFD-25HS	MFD-17HS
Extra Short	-	AFD-25HE	-

• Colored (Pink / Blue / Green) to identify the diameter easily

| For Torque Wrench



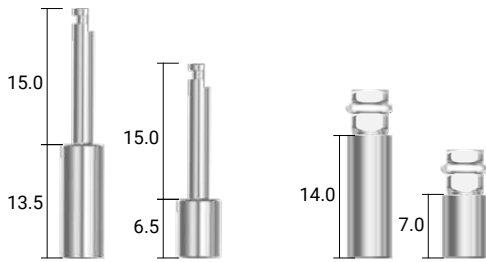
Type \ Con.	PINK	BLUE	GREEN
Long	KFD-21RL	AFD-25RL	MFD-17RL
Medium	KFD-21R	AFD-25R	MFD-17R
Short	KFD-21RS	AFD-25RS	MFD-17RS
Extra Short	-	AFD-25RE	-

• Colored (Pink / Blue / Green) to identify the diameter easily

Fixture Driver

Unit : mm, Scale 1 : 1.2 / mm

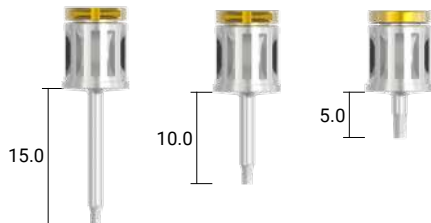
| For Mount



Type	For handpiece	For Torque Wrench
Long	THC350L	TRA350LS
Short	THC350	TRA350SS

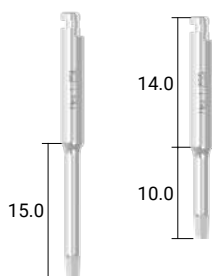
- Used for the handpiece or torque wrench in the case of installation of fixture with the mount

Hex Driver | 1.25



Type	REF.NO
Long	THD125L
Short	THD125S
Extra Short	THD125E

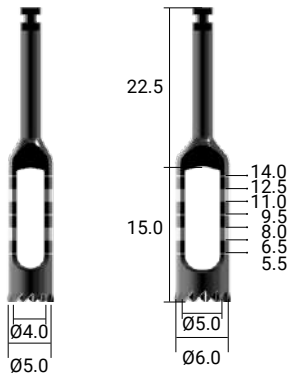
Machine Screw Driver | 1.25



Type	REF.NO
Long	TMSD125L
Short	TMSD125S

- 1.25 Hex driver for 20:1 Contra Angle Handpiece

Trephine Bur

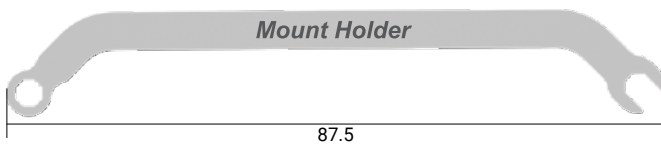


D	REF.NO
Ø4.0 / Ø5.0	PTB4050S
Ø5.0 / Ø6.0	PTB5060S

- Used to remove bone or dental implants

Mount Holder

Unit : mm, Scale 1 : 1 / mm



REF.NO
TMH350

- Used to hold or release a mount from dental implant

Depth Gauge

Unit : mm, Scale 1 : 1 / mm

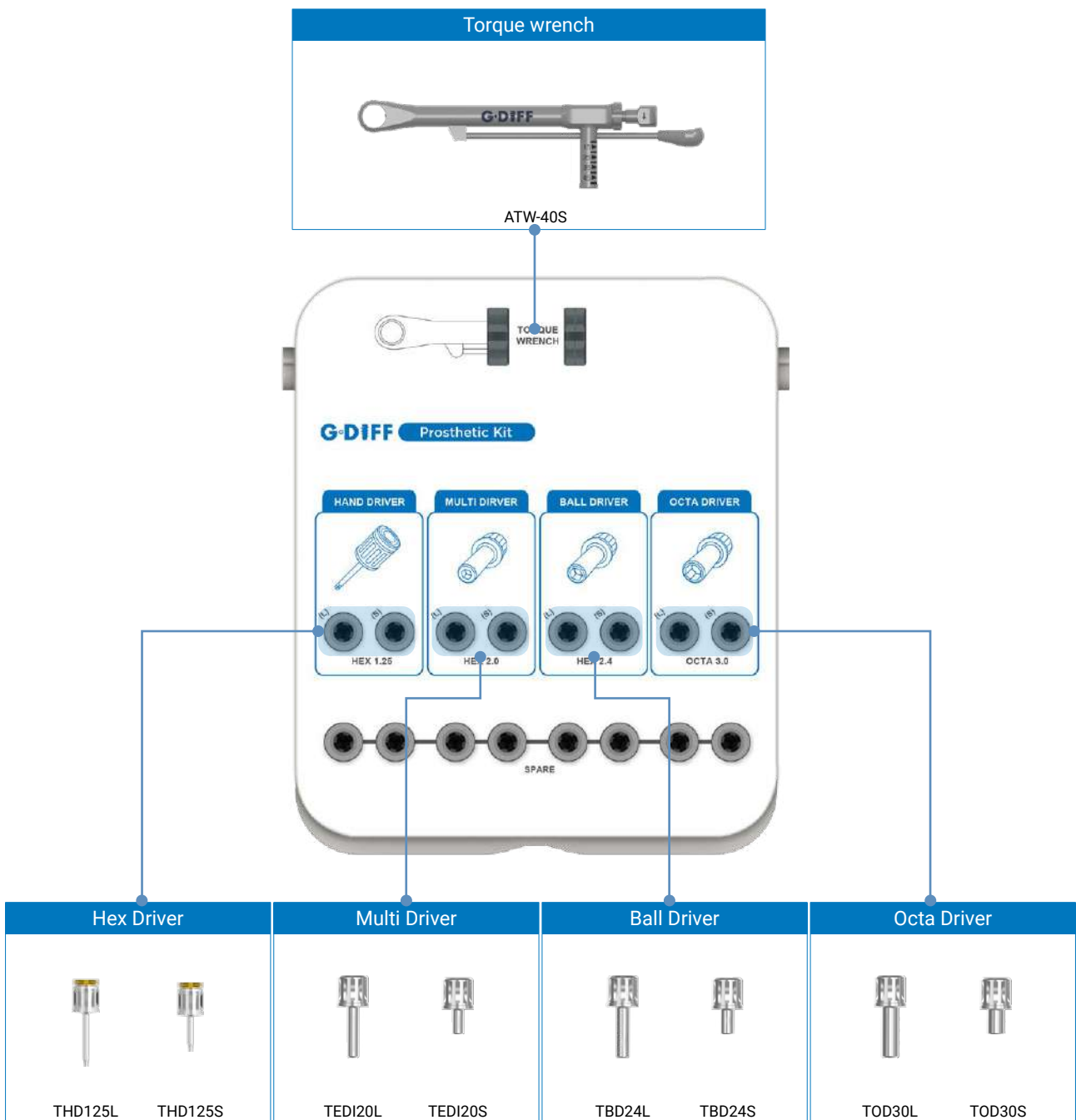


REF.NO
ADG-20M35

- After drilling, use for the depth measurement

Instrument Prosthetic Kit

REF.NO
GSK-PS



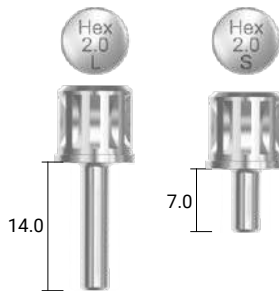
Hex Driver | 1.25

Unit : mm, Scale 1 : 1.2 / mm



Type	REF.NO
Long	THD125L
Short	THD125S

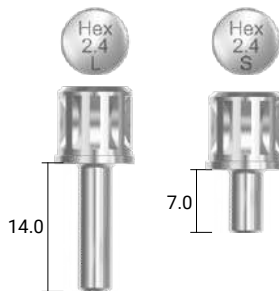
Multi Driver



Type	REF.NO
Long	TEDI20L
Short	TEDI20S

- Use only for multi unit abutment
- Hex 2.0

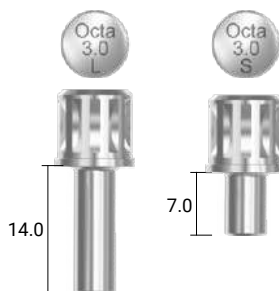
Ball Driver



Type	REF.NO
Long	TBD24L
Short	TBD24S

- Use only for ball abutment
- Hex 2.4

Octa Driver

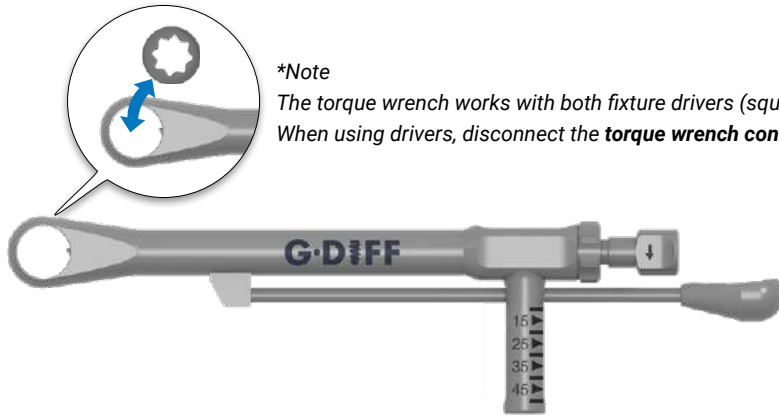


Type	REF.NO
Long	TOD30L
Short	TOD30S

- Use only for octa abutment
- Octa 3.0

Torque Wrench

Unit : mm, Scale 1 : 1 / mm



***Note**

The torque wrench works with both fixture drivers (square connection) and drivers (round connection).
When using drivers, disconnect the **torque wrench connector(ATW-CN)** from the torque wrench.

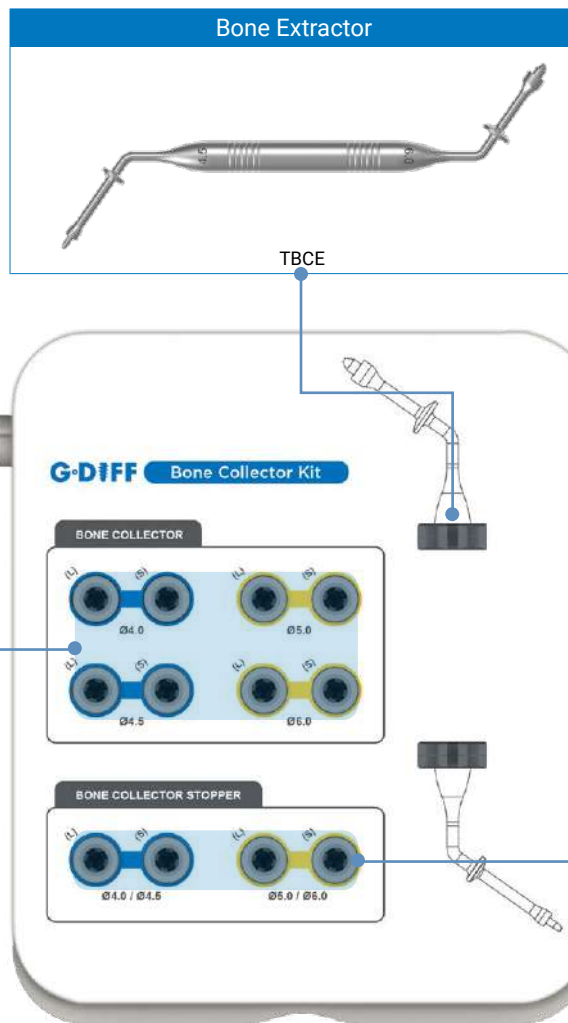
REF.NO

ATW-40S

- Use when implant placement or tightening the abutment, screw or etc.
- Locate to the center of bar at the wanted torque value
- Torque to tighten : 15~35Ncm
- Wash and sterilize after use

Instrument Bone Collector Kit

REF.NO
GSK-BCS



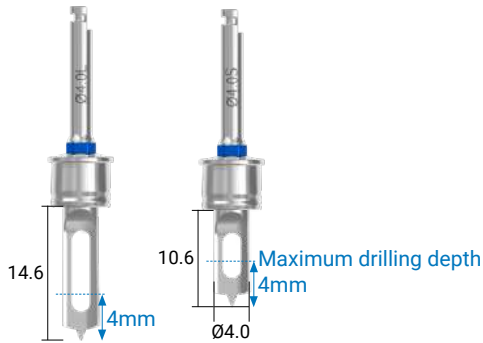
Bone Collector								Bone Collector Stopper			
Ø4.0		Ø4.5		Ø5.0		Ø6.0					
TBC40L	TBC40S	TBC45L	TBC45S	TBC50L	TBC50S	TBC60L	TBC60S	TBC45L	TBC45S	TBC60L	TBC60S

Bone Collector

Unit : mm, Scale 1 : 1.2 / mm

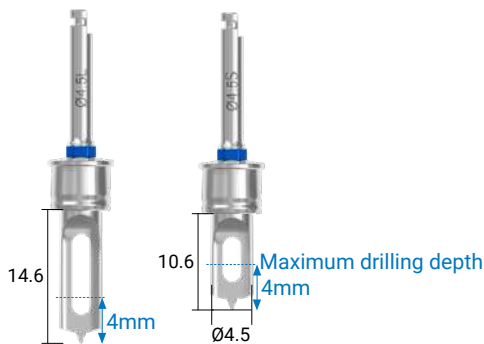
- Drills are designed to harvest adequate amount of bone granules
- The tip of the drill is designed to perform securely and accurately
- Drilling depth : 4mm (Maximum depth, controlled by the stopper)
- Recommended RPM : 300-500RPM

| Ø4.0



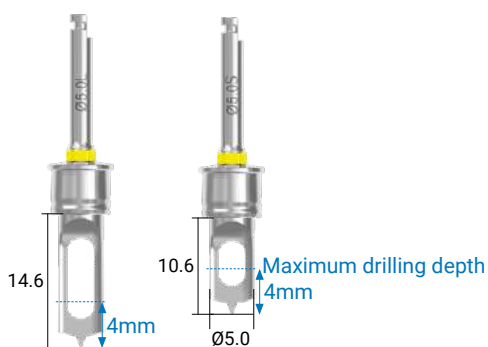
Type	REF.NO
Long	TBC40L
Short	TBC40S

| Ø4.5



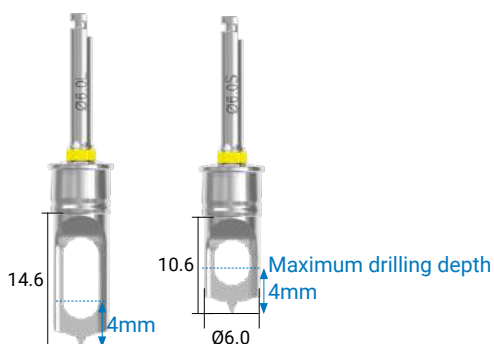
Type	REF.NO
Long	TBC45L
Short	TBC45S

| Ø5.0



Type	REF.NO
Long	TBC50L
Short	TBC50S

| Ø6.0

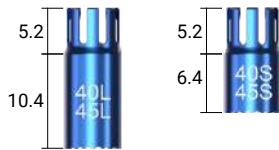


Type	REF.NO
Long	TBC60L
Short	TBC60S

Bone Collector Stopper

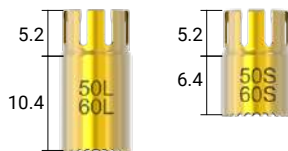
Unit : mm, Scale 1 : 1.2 / mm

| Ø4.0 / Ø4.5



Type	REF.NO
Long	TBCS45L
Short	TBCS45S

| Ø5.0 / Ø6.0

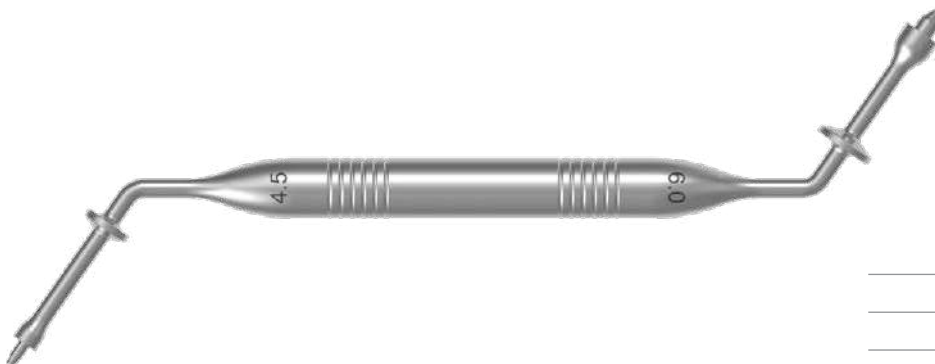


Type	REF.NO
Long	TBCS60L
Short	TBCS60S

- Designed for firm, stable locking and anti-rotation

Bone Extractor

Unit : mm, Scale 1 : 1 / mm



REF.NO
TBCE

- A tool for easy extraction of remained bone granules between the stopper and the bone collector

Dental Surgical Implant Engine

G-DIFF Ki-20

Type	REF.NO	Voltage
Optic	KI20 O	110V
		220V



ADVANCED IRRIGATION PUMP

The pump allows easy set-up of irrigation tubes and is extremely quiet during operation.



FOOT CONTROL



- Coolant (4 steps)
- F/R Change button
- Program change button
- Foot Pedal (Speed Control)

FEATURE

- Optic LED Control
- Compact Micro motor 40,000 rpm (1:1)
- 9 memory programs can be stored on single motor
- Light & compact optic motor for speedy and accurate surgery
- Package includes Control Unit, E-type motor, Contra angle Handpiece, Foot control and Handpiece stand
- The pump allows easy set-up of irrigation tubes and is extremely quiet during operation
- Foot control - Coolant button(4 steps), F/R change button, Program change, Foot pedal(Speed Control)

SPECIFICATIONS

- Power supply : AC100-120 or AC220-240V 50/60 Hz
- Speed : 20-2,000 (20:1)
- Torque : 70Ncm (20:1)
- Weight : 2.6kg
- Dimension : W240 X D225 X H108(mm)

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ACH Medical exports its products to more than 30 countries through local distributors. Please be a family of ACH Medical.

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