



HS
HAGGAI
SURGICAL

DENTAL
IMPLANT
CATALOGUES

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Fixture & Screw Remover

Universal kit of components needed to remove failed implant fixture and fractured screw in a simple and safe way.















All the kit instruments will be placed in a sterilizable implant cassette

FIXTURE & SCREW REMOVER KIT				HS-FSR
Product	Type	Ø (mm)	H (mm)	Ref:
	x2 Fixture remover screw	1.6 / 1.8	22.0	FRD-01
	x2 Fixture remover screw	2.0 / 2.5	22.0	FRD-02
	Fixture remover screw	Narrow	22.0	FRD-03
	Ratchet extension	6.0	16.0	RE-02
	Handpiece condenser	6.0	24.0	SDADP-01
Product	Type	H (mm)	Ref:	
	Wrench Long	110.0	SDWRH-02	
	Turning Handle	11.0	TH-03	
Product	Type	H (mm)	Ref:	
	Guide Holder	-	GH-01	
	Turning handle	15.4	TH-01	

Product	Type	Ø (mm)	L (mm)	Ref:
	Reverse Drill	0.8	32.5	D-REM08
	Reverse Drill	1.3	32.5	D-REM13
	Reverse Drill	0.8	30.0	D-RED08
	Reverse Drill	1.3	30.0	D-RED13
	Tap Drill	0.8	30.0	TD-08
	Tap Drill	1.3	30.0	TD-13

Product	Type	Ø (mm)	L (mm)	Ref:
	Flat tip driver (thickness 0.8mm)	2.5	26.0	FTD-01

DRILL GUIDE

Product	Type	H (mm)	Ref:	
	External Mini		12.0	G-EM
	External Regular		12.0	G-ER
	Octa Internal		12.0	G-OI
	Hex Submerged		12.0	G-HS
	TSV 3.7/4.1		12.0	G-TSV
	Tri-Lobe		12.0	G-TRI
	Submerged Narrow		12.0	G-SN

Implant Removal Kit

For failed implants or implant marginal bone loss by excessive torque. Safely removes the implant fixture.

Fixture remover screw: Fixed in and remove implant fixture by turning counterclockwise.

* If Fixture remover screw cannot be separated from the fixture because of excessive torque, forceps or mini vise can be used to grab and loosen the fixture by turning clockwise.






Turning handle (for fixture remover screw): Handle tool with Fixture remover screw for manual use.



Wrench Long: Used with Fixture remover screw manually.

Ratchet extension: Connected with wrench when the surgical site is not accessible.

Handpiece condenser: Used to connect Fixture remover screw with implant engine.

All the kit instruments will be placed in a sterilizable implant cassette

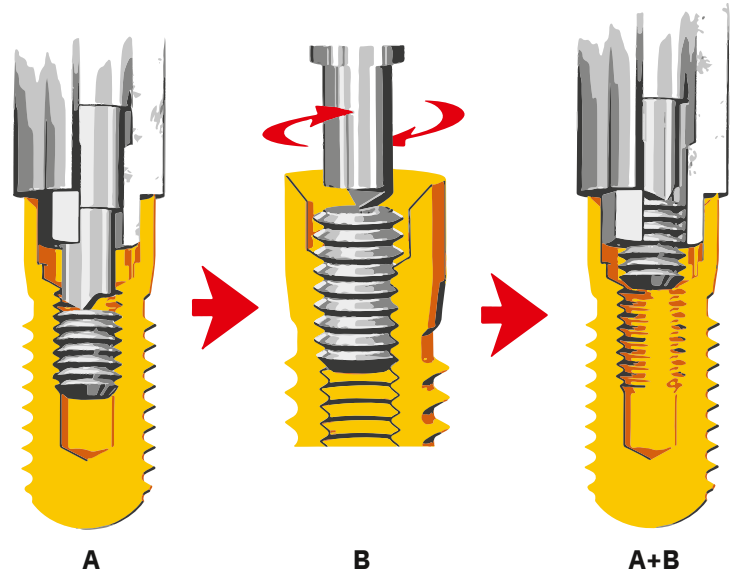
FIXTURE REMOVAL KIT				HS-FR
Product	Type	Ø (mm)	H (mm)	Ref:
	x2 Fixture remover screw	1.6 / 1.8	22.0	FRD-01
	x2 Fixture remover screw	2.0 / 2.5	22.0	FRD-02
	Fixture remover screw	Narrow	22.0	FRD-03
	Ratchet extension	6.0	16.0	RE-02
	Handpiece condenser	6.0	24.0	SDADP-01

Product	Type	H (mm)	Ref:
	Wrench Long	110.0	SDWRH-02
	Turning Handle	11.0	TH-03

Broken Screw Emergency Extractor Kit

A screw which breaks inside of an implant does not occur often. When it does, it poses a serious problem. With the Broken Screw Extractor Kit it is possible to remove a broken screw from an implant if it has not been bonded or damaged during previous attempts to remove it. The extractor kit includes two types of burs; a claw reamer bur and a reverse cutting bur. In addition, the kit includes manual and deep centering devices to hold the burs in place during the procedure. In 90% of cases the broken screw can be removed easily with the claw reamer bur. However, if the broken screw is frozen in place, the reverse cutting bur must be used. Easy to handle and fits all major internal hex connection platforms.

All the kit instruments will be placed in a sterilizable implant cassette



Insert the manual centering device (A) into the implant and using the claw reamer bur (B), following with great care the instruction, in 90% of cases, the broken screw can be removed easily. However, if the broken screw is frozen in place, the reverse cutting bur (C) must be used, by consuming the broken screw.

The operation should be performed with attention, patience and competence. The time needed may depend on many factors, among which the implant position that can simplify or complicate the operation. Once the screw is completely consumed, the shavings can be removed with air or water.

BROKEN SCREW EMERGENCY EXTRACTOR KIT			HS680
Product	Type	Product	Type
	Manual Centering Device (A)		Reverse Cutting Bur (C)
	Manual Extractor		Claw Reamer Bur (B)



Total Remove Kit


HS Removal kit has all you need to get out a fractured screw or remove a failed dental implant while minimizing trauma to the bone.





Works with hex/cone/octagon/narrow implant systems:




- Both osseointegrated and fractured implants are easily removed.
- No bone damage and trauma caused to the patients.
- No trephine drill is needed.
- Applicable to any type of implants with a screw hole.
- Capable of removal and replacement of implants in ill-positioned implant placement cases.
- Helps to remove broken screws without damaging the implant.


All the kit instruments will be placed in a sterilizable implant cassette


TOTAL REMOVE KIT				HS-RKS
Product	Type	Ø (mm)	L (mm)	Ref:
	Screw Remove Drill (RPM 800-1000)	1.0	32.0	HSD1032
	Screw Remove Tap (RPM 30-80)	1.0	25.0	HST1025


Product	Type	Ø (mm)	H (mm)	Ref:
	Screw Remove Bar	1.45	60.0	HSB145B

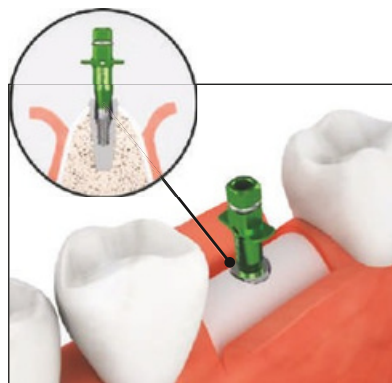
Product	Type	Ø (mm)	Ref:
	Screw Remove Guide	Sub Non-Hex 22N	HSG22N
	Screw Remove Guide	Sub Non-Hex 16N	HSG16N
	Screw Remove Guide	Sub. Hex 2.5	HSG25H
	Screw Remove Guide	Sub. Hex 2.1	HSG22N

Product	Type	Angle °	Ref:
	Fixture Remove (Spiral Implant)	F 22°	HFR22
	Fixture Remove (Conical Implant)	16°	HFR16
	Fixture Remove (Narrow Implant)	16° N	HFR16N

Product	Type	Ø (mm)	H (mm)	Ref:
	Cover Screw Remove	5.0	40.0	HSD054L

Product	Type	H (mm)	Ref:
	Ratchet Wrench	85.0	HRW9785













Product	Type	H (mm)	W (mm)	Ref:
	Manual Adapter	9.0	11.0	HHSA40











Total Sinus Kit





- Safely and rapidly lifts the sinus membrane while drilling.
- Unique Stopper system that prevents over drilling into the sinus cavity.
- Hydraulic Lift System that easily & safely lifts the membrane.
- Bone Carrier System for transferring and filling bone material with more precision and ease.
- Simple and intuitive surgical system.

All the kit instruments will be placed in a sterilizable implant cassette

TOTAL SINUS KIT			HS-KINUS
Product	Type	Ø (mm)	Ref:
	Crestal Reamer (RPM 500-800)	2.8	CR28
	Crestal Reamer (RPM 500-800)	3.3	CR33
	Crestal Reamer (RPM 500-800)	3.8	CR38
	Guide Drill (RPM 800-1000)	2.0	GD20
	Lateral Drill (RPM 200-1500)	6.5	LD65
	Side Cutter	2.4	SC2550
Product	Type	Ø (mm)	Ref:
	Stopper	2.0	STD02
	Stopper	3.0	STD03
	Stopper	4.0	STD04
	Stopper	5.0	STD05
	Stopper	6.0	STD06
	Stopper	7.0	STD07

Product	Type	L (mm)	Ø (mm)	Ref:
	Window Drill (RPM 800-1000)	1.0	6.5	WD65-10
	Window Drill (RPM 800-1000)	2.0	6.5	WD65-2
	Window Drill (RPM 800-1000)	3.0	6.5	WD65-3





Product	L (mm)	Ref:
Sinus Curette 	170.0	HNCR-1
Sinus Curette 	160.0	HNCR-2
Sinus Curette 	155.0	HNCR-3
Sinus Curette 	160.0	HNCR-4
Bone Condenser / Depth Gauge 	138.0	DG0246

Product	Type	H (mm)	Ref:
	Bone Carrier (Crestal)	35.0	BCCAS
	Bone Carrier (Lateral)	37.0	BC0511
	Aqua Tip	27.0	AT3050
	Silicone Tube (Elevation)	190.0	STB






C&L Sinus Kit

C&L Sinus Kit used to perform both a crestal and lateral sinus lift. This kit includes a series of lateral and crestal reamers that are specially designed to prevent damage to the sinus membrane. This is our go-to kit because it is both cost-effective as well as performing predictably.




All the kit instruments will be placed in a sterilizable implant cassette





C&L SINUS KIT			HS-CL
Product	Type	Ø (mm)	Ref:
	Guide drill	2.0	SD-GD20
	SD-Reamer	2.8	SD-RM28
	SD-Reamer	3.3	SD-RM33
	SD-Reamer	3.7	SD-RM37





C-Stopper	L (mm)	Ref:
	3.0	SDST-03
	4.0	SDST-04
	5.0	SDST-05
	6.0	SDST-06
	7.0	SDST-07
	8.0	SDST-08

L-Stopper	L (mm)	Ref:
	0.5	LAST-05
	1.0	LAST-10
	1.5	LAST-15
	2.0	LAST-20
	2.5	LAST-25

Product	Type	Ref:
	Ratchet Wrench	SDWRH-00

Product	Type	L (mm)	Ø (mm)	Ref:
	Side Cutter	29.0	7.0	LASC-70
	Core Drill	25.0	8.0	LACD-80
	Sinus Reamer	25.0	8.0	LASR-80

Product	Type	Ø (mm)	Ref:
	CLS: Aqua Lift System	3.0	CLS30
	CLS: Aqua Lift System	3.5	CLS35
	Handpiece condenser	6.0	SDADP-02
	Ratchet extension	6.0	R.C EXT





Product	Ref:
	TOLA2-01
	TOLA2-02
	TOLA2-03
	MP-BP

















Silicone Tube


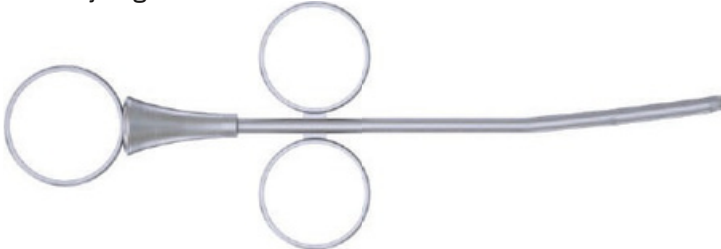


Toca Implant Surgical Kit

HS Toca Kit is made for a crestal approach sinus elevation technique. This surgical procedure is more delicate than the lateral or the dual approach. Thus it is less harmful and much safer for the patient. With the crestal approach, you have minimum postoperative complications. All the tools are made with the highest caution. The reamers are made with a round top to prevent any damage to the sinus membrane. There are stoppers for the reamers to give more control in any situation. Compact and complete, no need for additional tools or units. All the kit instruments will be placed in a sterilizable implant cassette

TOCA KIT			HS-TOCA
Product	Type	Ø (mm)	Ref:
	Guide drill	2.0	SD-GD20
	Diamond Reamer	2.0	TOCA-DR20
	Diamond Reamer	2.8	TOCA-DR28
	Diamond Reamer	3.3	TOCA-DR33

Product	L (mm)	Ref:	Product	L (mm)	Ref:
	3.0	ST-03		8.0	ST-03
	4.0	ST-04		9.0	ST-09
	5.0	ST-05		10.0	ST-10
	6.0	ST-06		11.0	ST-11
	7.0	ST-07		12.0	ST-12

Product	Type	Ø (mm)	Ref:
	SD-Reamer	2.3	SD-RM23
	SD-Reamer	2.8	SD-RM28
	SD-Reamer	3.3	SD-RM33
	SD-Reamer	3.7	SD-RM37






Product	Ø (mm)	Ref:
Bone packer 	1.0/2.2	TOCA-BP
Bone Syringe 	2.5	BS-01
Sensor gauge 	2.0	TOCA-SG
Depth gauge 	2.0	GAG-08






Aqua Toca Surgical Kit






HS Toca Kit is made for the crestal approach sinus elevation technique. This surgical procedure is more delicate than the lateral or the dual approach. It is a perfect alternative for lateral or osteotome approaches, safer and far less harmful for the patient. Compact and complete, no need for additional tools or units.





- Safely and rapidly lifts the sinus membrane while drilling.
- Stopper system that prevents over drilling into the sinus cavity.
- Hydraulic Lift System that easily & safely lifts the membrane.
- Bone Carrier System for transferring and filling bone material.
- Minimally invasive crestal approach.


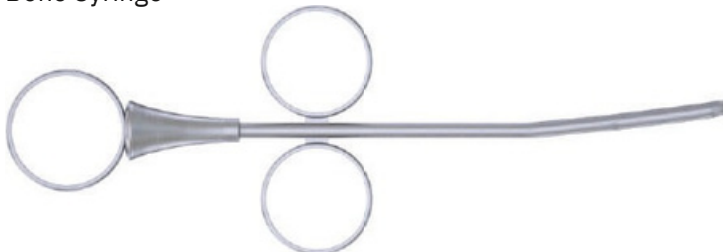

All the kit instruments will be placed in a sterilizable implant cassette


AQUA TOCA KIT			HS-AQUA
Product	Type	Ø (mm)	Ref:
	Guide drill	2.0	SD-GD20
	SD-Reamer	2.3	SD-RM23
	SD-Reamer	2.8	SD-RM28
	SD-Reamer	3.3	SD-RM33
	SD-Reamer	3.7	SD-RM37

Product	L (mm)	Ref:
	3.0	ST-03
	4.0	ST-04
	5.0	ST-05
	6.0	ST-06
	7.0	ST-07

Product	L (mm)	Ref:
	8.0	ST-03
	9.0	ST-09
	10.0	ST-10
	11.0	ST-11
	12.0	ST-12

Product	Type	Ø (mm)	Ref:
	CLS: Aqua Lift System	3.0	CLS30
	CLS: Aqua Lift System	3.5	CLS35
	Ratchet extension	6.0	SDADP-02
	Handpiece condenser	6.0	R.C EXT

Product	Ø (mm)	Ref:
Bone packer 	1.0/2.2	TOCA-BP
Bone Syringe 	2.5	BS-01
Depth gauge 	2.0	GAG-08

Product	Type	Ref:
	Ratchet Wrench	SDWRH-00



Silicone Tube









Tola-2 Sinus Lift Kit




TOLA 2 Lateral Approach Sinus Kit, is designed for a safe sinus lift to aid in the augmentation of the sinus bone. It is an easy to use kit designed to minimize the number of steps involved in



a sinus lift technique, reducing overall chair time and minimizing complications and patient discomfort.

Helps to prevent perforation of the sinus membrane.

All the kit instruments will be placed in a sterilizable implant cassette





TOLA2 SINUS KIT				HS-TOLA2
Product	Type	H (mm)	Ø (mm)	Ref:
	Lateral Approach Side Cutter	29.0	5.0	LASC-50
		29.0	7.0	LASC-70
Product	Type	H (mm)	Ø (mm)	Ref:
	Lateral Approach Core Drill	25.0	6.0	LACD-60
		25.0	8.0	LACD-80
Product	Type	H (mm)	Ø (mm)	Ref:
	Lateral Approach Sinus Drill	25.0	8.0	LASD-R80
		25.0	8.0	LASD-F80
Product	Type	H (mm)	Ø (mm)	Ref:
	Lateral Approach Sinus Reamer	25.0	6.0	LASR-60
		25.0	8.0	LASR-80

Stopper	L (mm)	Ref:
	0.5	LAST-05
	1.0	LAST-10
	1.5	LAST-15

Stopper	L (mm)	Ref:
	2.0	LAST-20
	2.5	LAST-25













Once the membrane has been exposed and initial elevation around the margin of the osseous window has occurred, further membrane elevation is performed with hand instruments along the floor and medial wall of the maxillary sinus. This is performed with four double ended instruments – sinus curettes.

The TOLA-01, -02 and -03 are curved end curettes that allow the practitioner to utilize the curved end to elevate the membrane as the tips edge separates and elevates the membrane at the bony surface working from the osseous window internally within the sinus. One end of the TOLA-01 is similar to the Widener with a rounded blunt end adding in initiation of separation of the membrane from the bone. The TOLA-04 has a wide scoop at one end and is utilized to carry graft material to the elevated sinus and a condenser at the opposing end aids in compacting the graft into the areas needed.










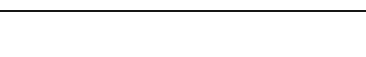
Product	Ref:
	TOLA2-01
	TOLA2-02
	TOLA2-03
	TOLA2-04

Drills and Bur Refills

LATERAL APPROACH BURS

Product	Type	H (mm)	Ø (mm)	Ref:
	Side Cutter	29.0	5.0	LASC-50
	Side Cutter	29.0	7.0	LASC-70
	Core Drill	25.0	6.0	LACD60
	Core Drill	25.0	8.0	LACD80
	Sinus Drill	25.0	8.0	LASD-R80
	Sinus Drill	25.0	8.0	LASD-F80
	Sinus Reamer	25.0	6.0	LASR-60
	Sinus Reamer	25.0	8.0	LASR-80
	Side Cutter	20.0	6.0	LAC-60
	Side Cutter	20.0	8.0	LAC-80
	Sinus Drill	25.0	6.0	LAD-60
	Sinus Drill	25.0	8.0	LAD-80
	Sinus Reamer	25.0	8.0	LAR-R80




CRESTAL APPROACH BURS

Product	Type	Ø (mm)	Ref:
	Guide drill	2.0	SD-GD20
	SD-Reamer	2.3	SD-RM23
	SD-Reamer	2.8	SD-RM28
	SD-Reamer	3.3	SD-RM33
	SD-Reamer	3.7	SD-RM37
	Diamond Reamer	2.0	TOCA-DR20
	Diamond Reamer	2.8	TOCA-DR28
	Diamond Reamer	3.3	TOCA-DR33
	Diamond Top Drill	3.0	TD-30
	Diamond Top Drill	4.0	TD-40

Alveolar Hourglass Contouring Bur

These burs are used to contour alveolar ridges, reducing vertical height for multi-unit procedures and GBR. The convenient hourglass shape forms around the contours of the ridge. This produces a perfect cutting surface, making ridge reduction easy and safe for the patient. Three different sizes are provided, ensuring that you always have the right bur for the job. These burs can be used with any implant motor at a speed of 800-1200rpm.

RIDGE CONTOURING BURS

Product	L (mm)	Ø (mm)	Ref:
	6.0	7.0	RCB-7
	9.0	7.0	RCB-10
	12.0	7.0	RCB-14

Surgical Osteotome S-Kit






The osteotome S-Kit was developed to support the placement of implants in soft maxillary bone. With these tools you can compress the bone laterally to avoid removal of valuable bone, resulting in a denser bone-to-implant interface. Osteotomes – break the floor of the maxillary sinus through the implant cavity and adjust the bone formation.






The instruments are also great with a bone graft delivery, thanks to the cupped shape they can push and form a graft material in the cavity without using additional instruments.

Osteotome set includes stoppers, that will guarantee you the precisely right depth in every procedure.

All the kit instruments will be placed in a sterilizable implant cassette



SD-CONCAVE KIT		HS-CONCAVE
Product	Ø (mm)	Ref:
	2.0	S-20
	2.5	S-25
	3.0	S-30
	3.5	S-35
	4.0	S-40

L (mm)	4.0	6.0	8.0	10.0	12.0
Osteotome Stopper					
	STD02	STD03	STD04	STD05	STD06

Surgical Osteotome R-Kit






The osteotome R-Kit was developed to support the placement of implants in soft maxillary bone. With these tools you can compress the bone laterally to avoid removal of valuable bone, resulting in a denser bone-to-implant interface. Osteotomes – break the floor of the maxillary sinus through the implant cavity and adjust the bone formation.






These instruments are designed for penetrating the sinus floor in a controlled manner. Raising the mucous membrane so that adequate amounts of bone augmentation material can be placed.

Osteotome set includes stoppers, that will guarantee you the precisely right depth in every procedure.

All the kit instruments will be placed in a sterilizable implant cassette







SD-CONVEX KIT		HS-CONVEX	
Product	Ø (mm)	Ref:	
	2.0	R-20	
	2.5	R-25	
	3.0	R-30	
	3.5	R-35	
	4.0	R-40	











L (mm)	4.0	6.0	8.0	10.0	12.0
Osteotome Stopper					
	STD02	STD03	STD04	STD05	STD06


Water Rising System

- Simple sinus lift component set.
- 5 holes to make membrane lifted as dome shape.
- Lower risk of perforation by hydraulic pressure.

All the kit instruments will be placed in a sterilizable implant cassette

WRS KIT			HS-WRS
Product	Type	Ø (mm)	Ref:
	Aqua-tip	2.8	WRS28
	Aqua-tip	3.3	WRS33
	Aqua-tip	3.8	WRS38
	Aqua-tip	4.2	WRS42





Product	L (mm)	Ref:	Product	L (mm)	Ref:
	3.0	ST-03		8.0	ST-03
	4.0	ST-04		9.0	ST-09
	5.0	ST-05		10.0	ST-10
	6.0	ST-06		11.0	ST-11
	7.0	ST-07		12.0	ST-12





Product	Type	Length (cm)	Ref:
	Silicone tube	50.0	SD-ST


NLBC Kit

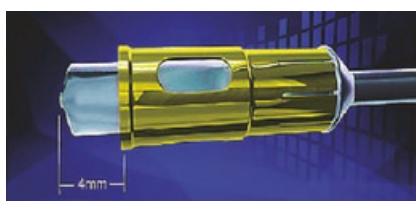
Never Loss Bone Collector Drill Kit is made to deliver the best results in bone harvesting. The drills are made with a pinpoint micro drill at the top that will stabilize it through the whole drilling sequence. All the harvested bone stays in a collector until you take it away.

All the kit instruments will be placed in a sterilizable implant cassette

NEVER LOSS BONE COLLECTOR KIT			HS-NLBC
Product	Type	Ø (mm)	Ref:
	NLBC drill	2.0	NLBC-20
	NLBC drill	3.0	NLBC-30
	NLBC drill	4.0	NLBC-40
	NLBC drill	5.0	NLBC-50

Product	L (mm)	Ref:	Product	L (mm)	Ref:
	2.0	SST-02		4.0	SST-04
	3.0	SST-03		5.0	SST-05

Bone pusher	Ref:
	NLBC-BP



Engage NLBC to engine and apply stopper. When one of stoppers is completely merged, the total depth is 4 mm. Recommended RPM: 300. Recommended N/cm: 50.






Collect bone inside the stopper, then use the bone pusher to get it out.



Bone Multi System Kit



Combination kit for Bone expander kit and Bone spreading kit.




Additional chisel and bone collector. Bone Spreading kit allows you to insert several implants at the same time by widening the narrow bone ridge. Unlike any other techniques, this one will give you the best results with minimal trauma to the patient.




All the kit instruments will be placed in a sterilizable implant cassette


BONE MULTI SYSTEM KIT					HS-BMS
Product	Type	H (mm)	Ø (mm)	Ref:	
	Expander Drill	14.0	1.8/2.5	SDEXP-01	
	Expander Drill	14.0	2.0/3.0	SDEXP-02	
	Expander Drill	14.0	2.5/3.5	SDEXP-03	
	Expander Drill	14.0	2.8/4.0	SDEXP-04	
	Expander Drill	14.0	3.0/4.5	SDEXP-05	



Product	Type	Ø (mm)	Ref:
	Handpiece condenser	-	SDADP-01
	Guide drill	2.0	SDGDL-02

Product	Type	t (mm)	Ø (mm)	Ref:
	Saw Disk	0.25	7.0	SDSAW-07
	Saw Disk	0.25	9.0	SDSAW-09

Product	Type	Qty. (pcs)	Ref:
	Wrench Adapter	1	WA-01
	Spreading Adapter	3	SA-01
	Spreading Pin Thickness: 1.0 mm (Upper 0.5mm / Under 0.5mm)	3	SP-01

Product	Type	Ø (mm)	Ref:
	Contouring bur	5.0	CT-50
	NLBC drill	5.0	NLBC-50
	NLBC stopper	5.0	NLBC-ST5

Product	Type	Ref:
	Ratchet Wrench	SDWRH-00

Product	Type	L (mm)	W (mm)	Ref:
	 Curved	4.0	1.0	SCL-05











- Incise the alveolar bone that implant will be placed using Saw disk.
(The sequence of incision follows the picture at the bottom.)
- Insert Spreading pins between the incised bone side by side.
If this step is not applicable, spread the site using Splitting chisel and operate again.
- Connect Spreading adapter to inserted pin and turn clockwise.
(Wrench adapter with Wrench is usable instead of Spreading adapter.)
- Turn the pins one by one slowly and expand the ridge evenly.
After the expansion, remove Spreading pins and place fixtures on the site. (Exchange each pin and fixture separately, not remove all pins at the same time.)
- Fill graft bone material around placed fixtures.
(If needed, collect more graft material using NLBC.)

Bone Expander Drill Kit

Used for the patient with narrow bone ridge or bad bony tissue.

- It is used for single implant.
- After guide drilling on narrow bone ridge, make sequential expansion using expander drill.
- It gives initial fixation power.



All the kit instruments will be placed in a sterilizable implant cassette





BONE EXPANDER DRILL KIT					HS-BE
Product	Type	H (mm)	Ø (mm)	Ref:	
	Expander Drill	14.0	1.8/2.5	SDEXP-01	
	Expander Drill	14.0	2.0/3.0	SDEXP-02	
	Expander Drill	14.0	2.5/3.5	SDEXP-03	
	Expander Drill	14.0	2.8/4.0	SDEXP-04	
	Expander Drill	14.0	3.0/4.5	SDEXP-05	
Product	Type	Ø (mm)		Ref:	
	Handpiece condenser	-		SDADP-01	
	Guide drill	2.0		SDGDL-02	
	Contouring bur	5.0		CT-50	
Product	Type	t (mm)	Ø (mm)	Ref:	
	Saw Disk	0.25	9.0	SDSAW-09	
Product	Type		Ref:		
	Ratchet Wrench		SDWRH-00		


Bone Spreading Kit

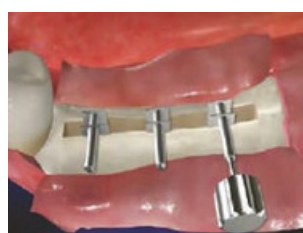
Bone Spreading Kit allows you to insert several implants at the same time at one operation by widening the narrow bone ridge.

All the kit instruments will be placed in a sterilizable implant cassette

BONE SPREADING KIT					HS-BS
Product	Type	t (mm)	Ø (mm)	Ref:	
	Saw Disk	0.25	7.0	SDSAW-07	
	Saw Disk	0.25	9.0	SDSAW-09	

Product	Type	Qty. (pcs)	Ref:
	Handpiece condenser	1	SDADP-01
	Wrench Adapter	1	WA-01
	Spreading Adapter	3	SA-01
	Spreading Pin Thickness: 1.0 mm (Upper 0.5mm / Under 0.5mm)	3	SP-01

Product	Type	Ref:
	Ratchet Wrench	SDWRH-00



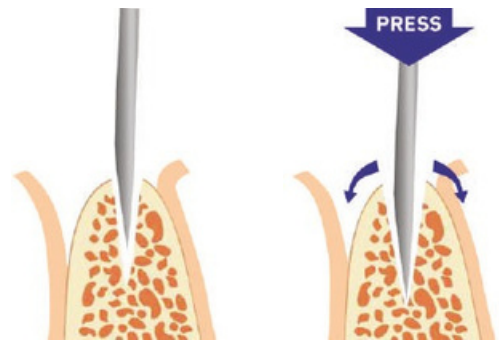
Ridge Split Kit


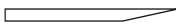

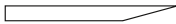






Ridge splitting chisel bone expansion is a technique of bone manipulation. Form the receptor site for the implant without removing any bone from the implant site. Maxillary bone has an inherent quality of flexibility.

That is why it can be shaped as desired by using a series of chisels. This further improves the quality of crest and apex bone all around the implant.







Ridge Split Chisel Kit is used for crestal ridge augmentation to increase bone support for implant insertion. They enable the insertion of an implant at the time of augmentation avoiding the delay to permit consolidation of a graft. Chisels can be used in conjunction with screw type bone expanders to facilitate bone manipulation. Five types and sizes for various cases.

All the kit instruments will be placed in a sterilizable implant cassette



RIDGE SPLIT KIT				HS-RS
Product	Type	L (mm)	W (mm)	Ref:
		4.0	1.0	SCL-01
		4.0	1.5	SCL-02
		4.0	2.0	SCL-03
		4.0	2.5	SCL-04
	 Curved	4.0	1.0	SCL-05

SURGICAL OCHSENBEIN CHISEL





Product	Type	W (mm)	Ref:
		5.0	CO-1
		5.0	CO-2
	 Universal	5.0	CO-3



TOP Osteotomy Kit




This kit is used for immediate placement of dental implants in all areas, regardless of the existence of a root septum.

Improves primary implant stability and guarantees a predictable osseointegration.

All the kit instruments will be placed in a sterilizable implant cassette

TOP SYSTEM KIT			SD-TOP
Product	Type	Ø (mm)	Ref:
	High speed	2.0	H20
	High speed	3.0	H30
	Low speed	2.0	L20
	Low speed	3.0	L30

Product	Type	Ø (mm)	Ref:
	Diamond Top Drill	3.0	TD-30
	Diamond Top Drill	4.0	TD-40






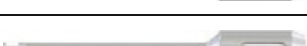
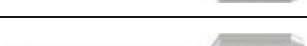
Product	Type	Ø (mm)	Ref:
	Marking Drill	3.0	MD-30
	Trephine Bur	Inner 2.0 / Outer 3.0	TB-30
	Lindemann Drill	2.0	LD-20




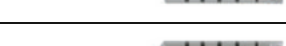

Bone and Soft Tissue Kit

Ideal starter kit with the most popular surgical rotary bone instruments built of various components:

Tissue Punches, Trepine Burs, Guide Punches, Saw Disks.

All the kit instruments will be placed in a sterilizable implant cassette

TRIMMER KIT			SD-TR
Product	Type	Ø (mm)	Ref:
	Tissue punch	3.0	SDTIS-30
	Tissue punch	3.5	SDTIS-35
	Tissue punch	4.0	SDTIS-40
	Tissue punch	4.5	SDTIS-45
	Tissue punch	5.0	SDTIS-50
	Guide punch	4.0	SDGTS-40
	Guide punch	5.0	SDGTS-50

Product	Type	Inner Ø (mm)	Outer Ø (mm)	Ref:
	Trepine bur	3.2	4.0	SDTRB-04
	Trepine bur	4.2	5.0	SDTRB-05
	Trepine bur	5.2	6.0	SDTRB-06
	Trepine bur	6.2	7.0	SDTRB-07
	Trepine bur	7.2	8.0	SDTRB-08

Product	t (mm)	Ø (mm)	Ref:
Saw Disk	0.25	7.0	SDSAW-07
Saw Disk	0.25	9.0	SDSAW-09





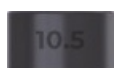
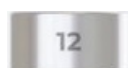





Implant Positioning kit

This kit is used for simplified freehand implant placement without a surgical guide stent.

An innovative design allows for quick and easy centring, directing, and spacing for single or multiple (adjacent) implant placement.

With multiple implant cases, the crowded implant insertion and improper spacing of implants can be prevented.

All the kit instruments will be placed in a sterilizable implant cassette




IMPLANT POSITIONING KIT				HS-IPO
Product	Type	H (mm)	Ø (mm)	Ref:
	Positioning Drill	32.0	2.0	P-DR20
Product	Type	H (mm)	Ø (mm)	Ref:
	Positioning Guide	6.0	6.0	PG-060
	Positioning Guide	6.0	7.5	PG-075
	Positioning Guide	6.0	9.0	PG-090
	Positioning Guide	6.0	10.5	PG-105
	Positioning Guide	6.0	12.0	PG-120
	2x Guide Pin	17.0	6.0	GP-060
	2x Guide Pin	17.0	7.5	GP-075
	2x Guide Pin	17.0	9.0	GP-090
	2x Guide Pin	17.0	10.5	GP-105
	2x Guide Pin	17.0	12.0	GP-120







Surgical Stop Drill Kit

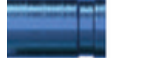





HS Drills Stopper Kit has been uniquely designed to improve surgical drilling process. It simplifies the drilling sequence and saves precious overall treatment time.

HS Drills Stopper Kit is even more useful when it comes to a sinus approach. It will give you the depth accuracy that is so crucial in sinus lifting procedures. With HS Drills stopper kit you will be able to prevent over-drilling. As a result, reduce the potential nerve complications during sinus lifting.

All the kit instruments will be placed in a sterilizable implant cassette

STOP DRILL KIT			HS-SD
Product	Type	Ø (mm)	Ref:
	Stop drill	2.0	SD-20
	Stop drill	2.5	SD-25
	Stop drill	3.3	SD-33





Product	L (mm)	Ref:
	2.0	SST-02
	3.0	SST-03
	4.0	SST-04
	5.0	SST-05
	6.0	SST-06
	7.0	SST-07
	8.0	SST-08





Product	L (mm)	Ref:
	9.0	SST-09
	10.0	SST-10
	11.0	SST-11
	12.0	SST-12
	13.0	SST-13
	14.0	SST-14

SD-Reamer Kit

- Stopper system for maximum safety.
- Special atraumatic tip preventing membrane penetration.
- For use as a standalone or complement to any crestal sinus lifting kit.

All the kit instruments will be placed in a sterilizable implant cassette

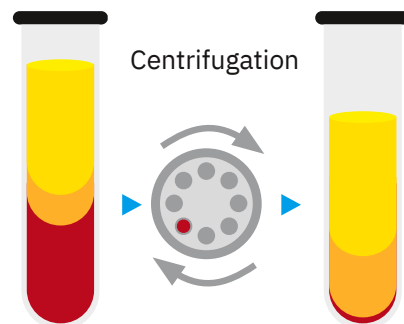
SD-REAMER KIT			HS-CA
Product	Type	Ø (mm)	Ref:
	SD-Reamer	2.3	SD-RM23
	SD-Reamer	2.8	SD-RM28
	SD-Reamer	3.3	SD-RM33
	SD-Reamer	3.7	SD-RM37

Product	L (mm)	Ref:	Product	L (mm)	Ref:
	3.0	ST-03		8.0	ST-03
	4.0	ST-04		9.0	ST-09
	5.0	ST-05		10.0	ST-10
	6.0	ST-06		11.0	ST-11
	7.0	ST-07		12.0	ST-12

Bone Grafting Relative P.R.F. System

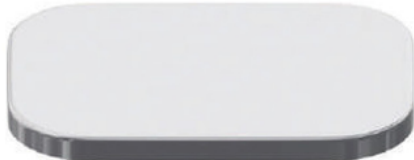






Platelet Rich Fibrin System is very useful to make multiple P.R.F of desired shape which enables speedy surgery.

- P.R.F is safe material to be combined with other grafting material at any dental implant surgery.
- It helps faster healing of gingiva and jaw bone and stop bleeding.
- The tools in P.R.F. System are possible to make your desired shape of P.R.F easily with our P.R.F. System.
- It has a plate for several P.R.F at the same time, small shape of P.R.F. and a bowl to mix.



- Acellular Plasma (PPP).
- Maximum platelet concentration area.
- Red corpuscles base.

- **PRF**: fibrin rich acellular plasma.
- **cPRP**: the platelet concentrate is suspended in an acellular plasma fraction.

P.R.F. SYSTEM		HS-PRF
Product	Type	
	Press lid	To press Handle Board
	Handle Board	To press P.R.F. on the steel board
	Steel Board	To place P.R.F.
	Steel tray	
	Round lid	
	Plastic container	
	Mixing well	














Prosthetic Driver Kit

Various types and sizes of drivers.

HS-IPD Kit: 10 Abutment screw drivers,
Turning handle, Wrench Condenser.

HS-IPD2 Kit: 10 Abutment screw drivers,
Turning handle, Wrench Condenser,
Torque ratchet wrench.



All the kit instruments will be placed in a sterilizable
implant cassette

ABUTMENT SCREW DRIVERS				HS-IPD / HS-IPD2
Product	Implant System	L (mm)	Ø (mm)	Ref:
	Biomet 3i / Dentsply Xive / DIO UF / Global D / Hiossen	23.5	⬡ 1.2	S-12
	/ Keystone Renova, Restore / Megagen / Neo Biotech / Osstem / Tekka	30.0	⬡ 1.2	L-12
	AB-Dent / Adin / Alpha-bio / Anthorgyr / BEGO / Bio Horizon External, Internal / Camlog / Cortex / Dentis / Dentium / Ditron / HS / Implant Direct / Key Stone (Paltop), Prime Connex / Lasak Bioniq / MIS internal hex / Zimmer	23.5	⬡ 1.25	S-125
		30.0	⬡ 1.25	L-125
	Astratech Ev / DYNA / Kentec / Platon	23.5	⬡ 1.3	S-13
		30.0	⬡ 1.3	L-13
	Nobel Active / Branemak / Replace Select etc.	23.5	⬡ 1.7	S-BM
		30.0	⬡ 1.7	L-BM
	Straumann	23.5	⬡ 1.7	S-SM
		30.0	⬡ 1.7	L-SM
Product	Type	H (mm)	Ref:	
	Turning handle	15.4	TH-01	
	Wrench Condenser	22.0	R.C CON	
	Ratchet Wrench	100.0	Only HS- IPD2 Kit	




Instruments

Manual Drivers



RATCHET DRIVER FOR NARROW IMPLANT

Product	L (mm)	Type	Ref:
	10.0	Hex 2.0	RDS2010
	15.0	Hex 2.0	RDS2015




RATCHET DRIVER FOR IMPLANT

Product	L (mm)	Type	Ref:
	7.0	Hex 2.42	RDK24070
	10.0	Hex 2.42	RDK24100
	15.0	Hex 2.42	RDK24150


RATCHET DRIVER FOR ONE-PIECE IMPLANT

Product	H (mm)	Type	Ref:
	18.0	Short Driver	RDOP
	50.0	Long Driver	RDOPL



RATCHET DRIVER FOR MC / MCB

Product	H (mm)	Type	Ref:
	6.0	Short Driver	RDMC06
	10.0	Long Driver	RDMC10
	10.0	for MCB Bend	RDMCB



RATCHET DRIVER FOR ROOT-SHAPE IMPLANT

Product	H (mm)	Type	Ref:
	23.0	Driver for Root-Shape Implant	OPD




MOTOR MOUNT DRIVER FOR NARROW IMPLANT

Product	H (mm)	Type	Ref:
	20.0	⬡ 2.0	MM2020
	28.0	⬡ 2.0	MM2028




MOTOR MOUNT DRIVER FOR IMPLANT

Product	H (mm)	Type	Ref:
	20.0	⬡ 2.42	MM24220
	28.0	⬡ 2.42	MM24028


RATCHET DRIVER PROSTHETIC

Product	L (mm)	Type	Ref:
	7.0	⬡ 1.25	RDK125070
	10.0	⬡ 1.25	RDK125100
	15.0	⬡ 1.25	RDK125150


MOTOR MOUNT PROSTHETIC DRIVER

Product	H (mm)	Type	Ref:
	15.0	⬡ 1.25	MM12515
	20.0	⬡ 1.25	MM12520
	28.0	⬡ 1.25	MM12528



ABUTMENT DRIVER MANUAL XL BLACK STEEL

Product	H (mm)	Type	Ref:
	60.0	⬡ 1.25	XL125600



MOTOR MOUNT TO RATCHET ADAPTER

Product	H (mm)	Ø	Ref:
	11.0	9.5	MM-ADP-HEX



RATCHET DRIVER IMPLANT CONICAL CONNECTION NP

Product	L (mm)	Type	Ref:
	10.0	⬡ 2.25	RDKC-NP10
	15.0	⬡ 2.25	RDKC-NP15



RATCHET DRIVER IMPLANT CONICAL CONNECTION RP

Product	L (mm)	Type	Ref:
	10.0	⬡ 2.65	RDKC-RP10
	15.0	⬡ 2.65	RDKC-RP15





MOTOR MOUNT DRIVER CONICAL CONNECTION NP

Product	H (mm)	Type	Ref:
	22.0	⬡ 2.25	MMIC-NP22
	28.0	⬡ 2.25	MMIC-NP28





MOTOR MOUNT DRIVER CONICAL CONNECTION RP

Product	H (mm)	Type	Ref:
	22.0	⬡ 2.65	MMIC-RP22
	28.0	⬡ 2.65	MMIC-RP28





MANUAL PROSTHETIC DRIVER

Product	L (mm)	Type	Ref:
	7.0	⬡ 1.25	HDK125070
	10.0	⬡ 1.25	HDK125100
	15.0	⬡ 1.25	HDK125150
	25.0	⬡ 1.25	HDK125250


TORX RATCHET DRIVER FOR PROSTHETICS

Product	L (mm)	Type	Ref:
	10.0	 1.25	RDTK100
	15.0	 1.25	RDTK150


TORX MOTOR MOUNT DRIVER

Product	H (mm)	Type	Ref:
	20.0	 1.25	MMTK200
	35.0	 1.25	MMTK350





MANUAL TISSUE PUNCH

Product	L (mm)	H (mm)	Ref:
	12.0	26.0	TPD



MANUAL RING FOR RATCHET DRIVER INSERT

Product	H (mm)	Type	Ref:
	11.0	Hex 6.35	HW

SURGICAL HANDLE DRIVER

Product	H (mm)	Type	Ref:
	142.0	 2.42	HD
	143.0	 6.35	RHD

ANALOG TECHNICAL HANDLE

Product	H (mm)	Type	Ref:
	100.0	 2.42	TSP01

Hand Screw driver

Hand Torque Screw driver allows the clinician/ technician to close the healing-cap/ cover-screw/ prosthetic screw at exactly 15 Ncm.





- Once done, the healing-cap/ cover-screw/ prosthetic screw is closed at 15Ncm.
- Place the driver in the healing-cap/ cover-screw/ prosthetic screw close clockwise, until the driver starts rotating freely.



- For dental lab use.
- For a dental lab use after transplantation.



SCREW DRIVER TORQUE 15NCM

Product	Type	Ref:
	⬡ 1.25	SDT1500115
	⬡ 1.25	DT150001

Sterilisation:

- Place the driver in the autoclave. Dry thoroughly after.

GAUGE DEPTH PROBE MEASURING TOOL

Product	Ref:
	DPKOP

JAG PARALLEL GUIDE PINS

Product	H (mm)	Type	Ref:
	10.0	Short Parallel Pin	SPP100
	16.0	Long Parallel Pin	SPP160
	6.0 / 16.0	Double Side Parallel Pin	PPD300

INCLUDED 2 MANUAL DRIVER

Product	H (mm)	Type	Ref:
	23.5	Hex 1.25	-
	30.0	Hex 1.25	-

RATCHET WRENCH

Product	H (mm)	Type	Ref:
	76.5	Hex 6.35	SR





RATCHET TORQUE WRENCH

Product	Torque (Ncm)	Type	Ref:
	10-35	Hex 6.35	1000201
	10-45	Hex 6.35	1000202
	25-100	Hex 6.35	RS6111


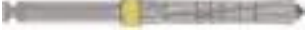







Instruments

Surgical Drills



MARKING / LANCE DRILL

Product	Type	H (mm)	Ø (mm)	Ref:
	Marking drill	32.0	1.9	PD190
	Lance drill	34.0	1.2	LD120
	Lance drill	36.0	1.5	LD150
	Lance drill	36.0	2.0	LD200









STANDARD CYLINDRICAL DRILL

Product	H (mm)	Ø (mm)	Ref:
	19.0	2.0	PD200
	19.0	2.5	TD250
	19.0	2.8	TD280
	19.0	3.2	TD320
	19.0	3.65	TD365
	19.0	4.0	TD400
	19.0	4.2	TD420
	19.0	4.5	TD450
	19.0	5.2	TD520

COUNTERSINK DRILLS











Product	H (mm)	Ø (mm)	Ref:
	28.5	3.75-4.2	CD375
	28.5	5.0-6.0	CD500

STANDARD CYLINDRICAL DRILL DLC (DIAMOND LIKE CARBON) COATED


Product	H (mm)	Ø (mm)	Ref:
	19.0	2.0	DNP200
	19.0	2.5	DNT250
	19.0	2.8	DNT280
	19.0	3.2	DNT320
	19.0	3.65	DNT365
	19.0	4.0	DNT400
	19.0	4.5	DNT450
	19.0	5.2	DNT520

STANDARD CONICAL DRILL


Ref:

Product	H (mm)	Ø (mm)	External Irrigation	Internal Irrigation
	16.0	1.6-2.2	TDC220	TDCI220
	16.0	1.8-2.4	TDC240	TDCI240
	16.0	1.6-2.7	TDC270	TDCI270
	16.0	1.8-2.8	TDC280	TDCI280
	16.0	2.0-3.2	TDC320	TDCI320
	16.0	2.0-3.3	TDC330	TDCI330
	16.0	2.5-3.7	TDC370	TDCI370
	16.0	2.7-4.0	TDC400	TDCI400
	16.0	2.7-4.5	TDC450	TDCI450
	16.0	3.1-5.5	TDC550	TDCI550





EXTENSION DRILL

Product	H (mm)	Ø (mm)	Ref:
	29.0	3.5	TDE





BONE RING TREPHINE DRILL

Product	H (mm)	Ø (mm)	Ref:
		8.0	TRBG-08







TISSUE PUNCH DRILL

Product	H (mm)	Ø (mm)	Ref:
	30.0	3.0	TP30
	30.0	4.0	TP40
	30.0	4.5	TP45
	30.0	5.0	TP50








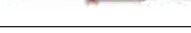

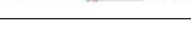











TREPHINE DRILLS

Product	H (mm)	Ø (mm)	Ref:
	36.0	2.0-3.0	TB200
	36.0	3.0-4.0	TB300
	36.0	4.0-5.0	TB400
	36.0	5.0-6.0	TB500

TREPHINE DRILLS SMART TECHNIQUE

Product	Ø Implant (mm)	H (mm)	Ø (mm)	Ref:
	3.0	36.0	2.8	DR300
	3.5	36.0	3.2	DR320
	3.75	36.0	3.6	DR360
	4.2	36.0	4.0	DR400
	4.5	36.0	4.2	DR420
	Leading Pin	17.0	1.6	LP00016

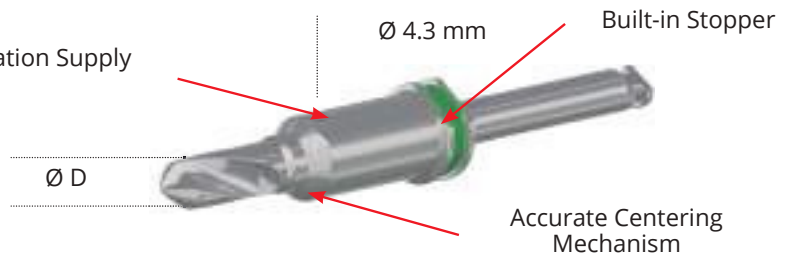
SURGERY GUIDED DRILLS & SLEEVES

Product	L (mm)	Ø (mm)	Ref:
	6.0	2.0	GD200L6
	8.0	2.0	GD200L8
	10.0	2.0	GD200L10
	11.5	2.0	GD200L115
	13.0	2.0	GD200L13
	6.0	2.8	GD280L6
	8.0	2.8	GD280L8
	10.0	2.8	GD280L10
	11.5	2.8	GD280L115
	13.0	2.8	GD280L13
	6.0	3.2	GD320L6
	8.0	3.2	GD320L8
	10.0	3.2	GD320L10
	11.5	3.2	GD320L115
	13.0	3.2	GD320L13
	6.0	3.65	GD365L6
	8.0	3.65	GD365L8
	10.0	3.65	GD365L10
	11.5	3.65	GD365L115
	13.0	3.65	GD365L13
	5.9	5.1	G43SLV

*Code for ordering a sleeve **G43SLV**



Optimal Irrigation Supply




Ceramic Tissue Trimmer

HS Ceramic Soft Tissue Trimmer is an efficient alternative to scalpels and piezo-electric surgery. It has a friction-grip shank and can be used with a high-speed turbine, like any other FG bur.

The recommended operating speed is 300.000 rpm.










CERAMIC SOFT TISSUE TRIMMER FOR PRECISE CUTS

Product	L (mm)	Ø (mm)	Ref:
	10.0	1.0	DS-STT

Bone Cutting & Shaping Surgical Bur

Flattening / Trimming / Removing of hard gingiva, tooth and bone. Various usage in accordance with the shape and the ridge of alveolar bone. Tungsten Carbide or Diamond with titanium nitride coating. You can choose components depending on burring force and usage.

BONE CUTTING & SHAPING SURGICAL BUR
















Product	H (mm)	L (mm)	Ø (mm)	Ref:
	28.0	3.5	3.5	RB38
	31.0	11.2	5.0	RTB50
	31.0	8.8	3.8	TB38
	33.0	11.6	3.8	EB38
	30.0	4.0	4.0	DRB38
	31.2	11.6	4.8	DTB48
	35.0	8.8	3.8	DTB38
	32.0	5.0	5.0	FRB50
	37.0	12.5	5.0	SB50

Instruments

Surgical Kits















Basic Surgical Kit

HS Basic Surgical Kit will allow you to perform a broad range of treatment procedures of implant placement cases. To ensure an optimal outcome, please follow the recommended drilling protocol while using the instruments and drills included in the kit. Kit contains the instruments that you will need during the standard surgical procedure. The instruments feature ergonomic design and clear labeling for easy return to the tray.







BASIC SURGICAL KIT				SK001
Product	Type	L (mm)	Ø (mm)	Ref:
	Marking Drill	19.0	1.9	PD190
	Pilot Drill	19.0	2.0	PD200
	Cylindrical Drill	19.0	2.8	TD280
	Cylindrical Drill	19.0	3.2	TD320
	Cylindrical Drill	19.0	3.65	TD365
	Cylindrical Drill	19.0	4.0	TD400
	Cylindrical Drill	19.0	4.2	TD420
	Cylindrical Drill	19.0	4.5	TD450
	Cylindrical Drill	19.0	5.2	TD520
	MM Driver for Implant 3.0	20.0	⬡ 2.0	MM2020
	Motor Mount Driver	20.0	⬡ 2.42	MM24220
	Ratchet Driver	10.0	⬡ 2.42	RDK24100
	Ratchet Driver	10.0	⬡ 1.25	RDK125100
	Hand Driver	10.0	⬡ 1.25	HDK125100
	Ratchet driver		⬡ 6.35	SR

Essential Surgical Kit

HS Essential Surgical Kit will allow you to perform a broad range of treatment procedures of implant placement cases. The kit is made specifically for the doctors that prefer a tactile feel. It includes manual and ratchet drivers only. The kit is light, compact and easy to carry with well-planned instrument layout. The instruments feature ergonomic design and clear labeling for easy return to the tray.

ESSENTIAL SURGICAL KIT				SK002
Product	Type	L (mm)	Ø (mm)	Ref:
	Lance Drill	19.0	1.5	LD150
	Marking Drill	19.0	1.9	PD190
	Pilot Drill	19.0	2.0	PD200
	Cylindrical Drill	19.0	2.8	TD280
	Cylindrical Drill	19.0	3.2	TD320
	Cylindrical Drill	19.0	3.65	TD365
	Cylindrical Drill	19.0	4.0	TD400
	Cylindrical Drill	19.0	4.2	TD420
	Cylindrical Drill	19.0	5.2	TD520
	Drill extender	29.0	3.5	TDE
	Ratchet Driver for Implant 3.0	10.0	⬡ 2.0	RDS2010
	Ratchet Driver for Implant 3.0	15.0	⬡ 2.0	RDS2015
	Motor Mount Driver	28.0	⬡ 2.0	MM2028
	Motor Mount for Prosthetic	28.0	⬡ 1.25	MM12528

SURGICAL KITS
















Product	Type	L (mm)	Ø (mm)	Ref:
	Ratchet Driver	10.0	2.42	RDK24100
	Ratchet Driver	15.0	2.42	RDK24150
	Ratchet Driver	10.0	1.25	RDK125100
	Ratchet Driver	15.0	1.25	RDK125150
	Hand Driver	10.0	1.25	HDK125100
	Long Parallel Pin	16.0		SPP160
	Double Side Parallel Pin	6.0 / 16.0		PPD300
	Ratchet driver		6.35	SR
	Removable stainless surgical tray			PAL94150






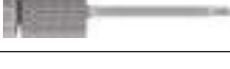
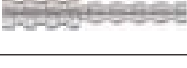








Tool kit includes special plastic polymer box and removable stainless surgical tray autoclavable at a temperature of 134°C.

Full Surgical Kit

The Full Surgical Kit will enable you to perform a large variety of procedures. To ensure the most successful outcome, please use the instruments and drills included in the kit and carefully follow the recommended drilling protocol.

The instruments feature ergonomic design and clear labeling for easy return to the tray.

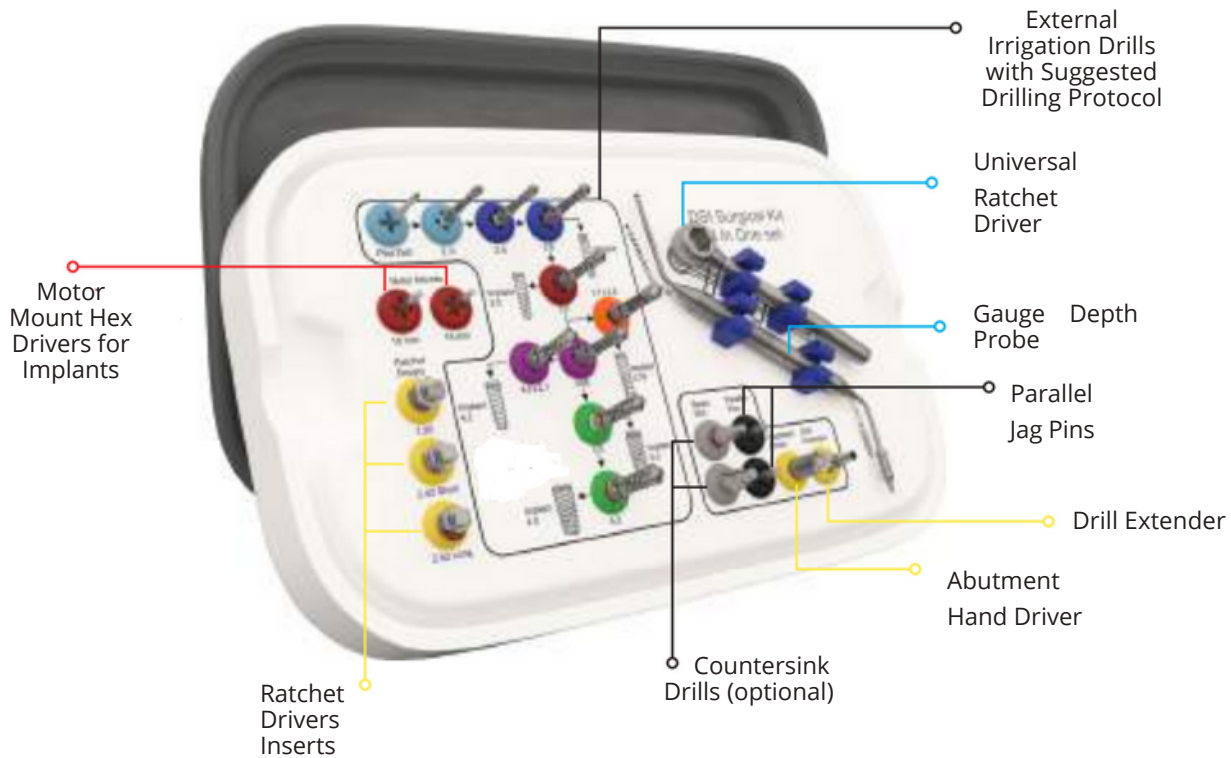
FULL SURGICAL KIT				SK003
Product	Type	L (mm)	Ø (mm)	Ref:
	Lance Drill	19.0	1.5	LD150
	Marking Drill	19.0	1.9	PD190
	Pilot Drill	19.0	2.0	PD200
	Cylindrical Drill	19.0	2.8	TD280
	Cylindrical Drill	19.0	3.2	TD320
	Cylindrical Drill	19.0	3.65	TD365
	Cylindrical Drill	19.0	4.0	TD400
	Cylindrical Drill	19.0	4.2	TD420
	Cylindrical Drill	19.0	4.5	TD450
	Cylindrical Drill	19.0	5.2	TD520
	Countersink Drills	13.3	3.75-4.2	CD375
	Countersink Drills	13.3	5.0-6.0	CD500
	Drill extender	29.0	3.5	TDE
	Ratchet Driver for Implant 3.0	10.0	⬡ 2.0	RDS2010
	Marking Drill Ratchet Driver for Implant 3.0	15.0	⬡ 2.0	RDS2015







Product	Type	L (mm)	Ø (mm)	Ref:
	Ratchet Driver	10.0	2.42	RDK24100
	Ratchet Driver	15.0	2.42	RDK24150
	Ratchet Driver	10.0	1.25	RDK125100
	Ratchet Driver	15.0	1.25	RDK125150
	Hand Driver	10.0	1.25	HDK125100
	Hand Driver	15.0	1.25	HDK125150
	Jag Parallel Guide Pins	10.0	1.9	SPP100
	Jag Parallel Guide Pins	16.0	1.9	SPP160
	Motor Mount Driver	20.0	1.25	MM12520
	Motor Mount Driver	28.0	1.25	MM12528
	Motor Mount Driver	20.0	2.42	MM24220
	Motor Mount Driver	28.0	2.42	MM24028
	Ratchet driver		6.35	SR
	Ratchet driver		Torque 10-35 Ncm	1000201
Gauge Depth Probe Measuring Tool 				DPKOP
Removable stainless surgical tray				PAL94150

Tool kit includes special plastic polymer box and removable stainless surgical tray autoclavable at a temperature of 134°C.

















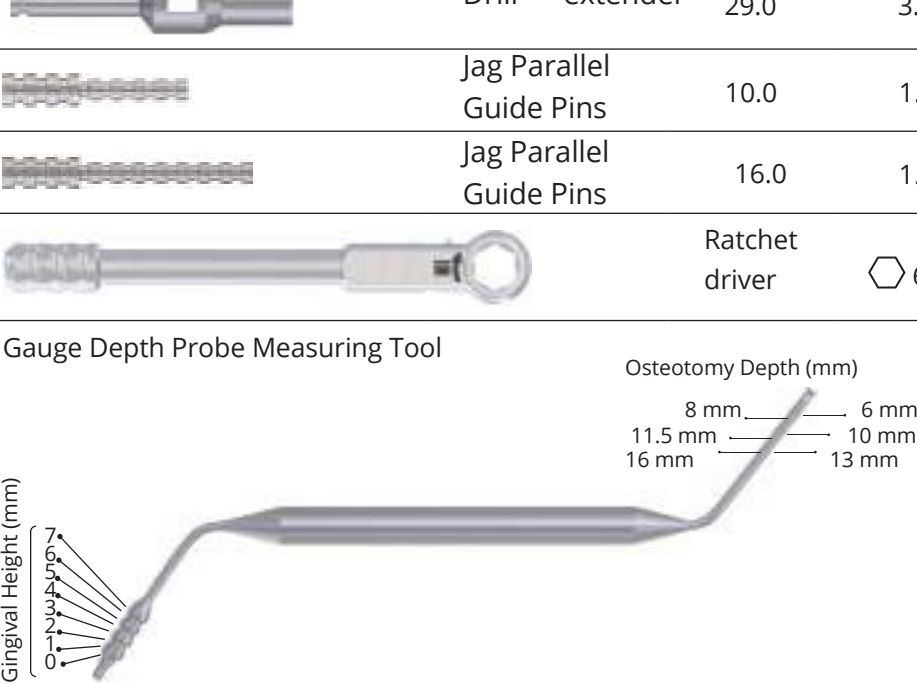
Premium All-in-one Surgical Kit

Premium All-in-one Surgical Kit will allow you to perform a broad range of treatment procedures of the implant placement cases. Following the recommended drilling protocol, using the instruments and drills included, together with the HS spiral implants, will always bring you the best possible results.



PREMIUM ALL-IN-ONE SURGICAL KIT				SK004
Product	Type	L (mm)	Ø (mm)	Ref:
	Motor Mount Driver	20.0	2.42	MM24220
	Motor Mount Driver	28.0	2.42	MM24028
	Ratchet Driver	7.0	2.42	RDK24070
	Ratchet Driver	15.0	2.42	RDK24150
	Ratchet Driver	10.0	1.25	RDK125100
	Hand Driver	15.0	1.25	HDK125150



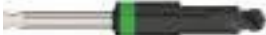


SURGICAL KITS

Product	Type	L (mm)	Ø (mm)	Ref:
	Marking Drill	19.0	1.9	PD190
	Pilot Drill	19.0	2.0	PD200
	Cylindrical Drill	19.0	2.5	TD250
	Cylindrical Drill	19.0	2.8	TD280
	Cylindrical Drill	19.0	3.2	TD320
	Cylindrical Drill	19.0	3.65	TD365
	Cylindrical Drill	19.0	4.5	TD450
	Cylindrical Drill	19.0	5.2	TD520
	Conical Drill	19.0	2.5-3.7	TDC370
	Conical Drill	19.0	2.7-4.0	TDC400
	Countersink Drills	13.3	3.75-4.2	CD375
	Countersink Drills	13.3	5.0-6.0	CD500
	Drill extender	29.0	3.5	TDE
	Jag Parallel Guide Pins	10.0	1.9	SPP100
	Jag Parallel Guide Pins	16.0	1.9	SPP160
	Ratchet driver		6.35	SR
Gauge Depth Probe Measuring Tool				
				DPKOP

Tool kit includes special plastic polymer box autoclavable at a temperature of 134°C.

Professional Surgical Kit

This comprehensive double-decker kit will cover all your needs for a vast variety of implant placement cases. All the instruments were manufactured with the best quality materials and highest standards of craftsmanship to ensure successful outcome of every surgical procedure. It is recommended to follow carefully the drilling protocol and use the kit together with spiral implants.

DSI PROFESSIONAL SURGICAL KIT			SK006
DLC Step&Stop Drill	L (mm)	Ø (mm)	Ref:
	6.0	2.8	TD280L6SC
	8.0	2.0-2.8	SD2028L8SC
	10.0	2.0-2.8	SD2028L10SC
	11.5	2.0-2.8	SD2028L115SC
	13.0	2.0-2.8	SD2028L13SC
	6.0	3.2	TD320L6SC
	8.0	2.8-3.2	SD2832L8SC
	10.0	2.8-3.2	SD2832L10SC
	11.5	2.8-3.2	SD2832L115SC
	13.0	2.8-3.2	SD2832L13SC
	6.0	3.65	TD365L6SC
	8.0	3.2-3.65	SD32365L8SC
	10.0	3.2-3.65	SD32365L10SC
	11.5	3.2-3.65	SD32365L115SC
	13.0	3.2-3.65	SD32365L13SC
	6.0	4.0	TD400L6SC
	8.0	3.65-4.0	SD36540L8SC
	10.0	3.65-4.0	SD36540L10SC
	11.5	3.65-4.0	SD36540L115SC
	13.0	3.65-4.0	SD36540L13SC
	6.0	4.5	TD450L6SC
	8.0	4.0-4.5	SD4045L8SC
	10.0	4.0-4.5	SD4045L10SC
	11.5	4.0-4.5	SD4045L115SC
	13.0	4.0-4.5	SD4045L13SC

SURGICAL KITS
















Product	Size (mm)	Ø (mm)	Ref:
Lance Drill	19.0	1.5	LD150
Marking Drill	19.0	1.9	PD190
Pilot Drill	19.0	2.0	PD200
Cylindrical Drill	19.0	2.8	TD280
Cylindrical Drill	19.0	3.2	TD320
Cylindrical Drill	19.0	3.65	TD365
Cylindrical Drill	19.0	4.0	TD400
Cylindrical Drill	19.0	4.5	TD450
Cylindrical Drill	19.0	5.2	TD520
Drill extender	29.0	3.5	TDE
Countersink Drills	13.3	3.75-4.2	CD375
Countersink Drills	13.3	5.0-6.0	CD500
Lindemann Drill	29.0	1.5-2.0	LD1520
Jag Parallel Guide Pins	10.0	1.9	SPP100
Jag Parallel Guide Pins	16.0	1.9	SPP160
Round Bur	28.0	3.5	RB38
Ratchet Driver for Narrow Implant	15.0	⬡ 2.0	RDS2015
Motor Mount Driver for Narrow Implant	28.0	⬡ 2.0	MM2028
Ratchet Driver for Implant	10.0	⬡ 2.42	RDK24100
Ratchet Driver for Implant	15.0	⬡ 2.42	RDK24150
Motor Mount Driver for Implant	20.0	⬡ 2.42	MM24220
Motor Mount Driver for Implant	28.0	⬡ 2.42	MM24028
Prosthetic Ratchet Driver	7.0	⬡ 1.25	RDK125070
Prosthetic Ratchet Driver	15.0	⬡ 1.25	RDK125150
Prosthetic Motor Mount Driver	20.0	⬡ 1.25	MM12520
Prosthetic Motor Mount Driver	28.0	⬡ 1.25	MM12528
Manual Driver for Abutment	7.0	⬡ 1.25	HDK125070
Manual Driver for Abutment	15.0	⬡ 1.25	HDK125150
Prosthetic Torque Ratchet	10-35Ncm	⬡ 6.35	1000201
Surgical Torque Ratchet	25-	⬡ 6.35	RS6111
Gauge Depth probe measuring Tool	100Ncm		DPKOP
Removable stainless surgical tray			PAL94150
















Tool kit includes special plastic polymer box autoclavable at a temperature of 134°C.

Drill Kit with Integral Stopper

30 Drills Kit STOP-30 includes 30 drills with built-in stoppers: Drills: $\varnothing 2.0$, $\varnothing 2.8$, $\varnothing 3.2$, $\varnothing 3.65$, $\varnothing 4.0$, $\varnothing 4.5$ mm. Each drill diameter has the following lengths: 6.0, 8.0, 10.0, 11.5, 13.0 mm.

- Well-organized kit, clearly visible and easily accessible.
- Box and drills are laser-marked for identification and placement.
- Slim drill design enables usage in narrow sites.
- One-piece structure for perfect balance and long life-span.

COATED DRILL KIT WITH INTEGRAL STOPPER			STOP-30
Product	L (mm)	\varnothing (mm)	Ref:
	6.0	2.0	PD200L6S
	8.0	2.0	PD200L8S
	10.0	2.0	PD200L10S
	11.5	2.0	PD200L115S
	13.0	2.0	PD200L13S
	6.0	2.8	TD280L6S
	8.0	2.8	TD280L8S
	10.0	2.8	TD280L10S
	11.5	2.8	TD280L115S
	13.0	2.8	TD280L13S
	6.0	3.2	TD320L6S
	8.0	3.2	TD320L8S
	10.0	3.2	TD320L10S
	11.5	3.2	TD320L115S
	13.0	3.2	TD320L13S
















Product	L (mm)	Ø (mm)	Ref:
	6.0	3.65	TD365L6S
	8.0	3.65	TD365L8S
	10.0	3.65	TD365L10S
	11.5	3.65	TD365L115S
	13.0	3.65	TD365L13S
	6.0	4.0	TD400L6S
	8.0	4.0	TD400L8S
	10.0	4.0	TD400L10S
	11.5	4.0	TD400L115S
	13.0	4.0	TD400L13S
	6.0	4.5	TD450L6S
	8.0	4.5	TD450L8S
	10.0	4.5	TD450L10S
	11.5	4.5	TD450L115S
	13.0	4.5	TD450L13S

Tool kit includes special plastic polymer box autoclavable at a temperature of 134°C.






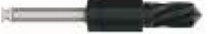








Coated Drill with Integral Stopper Kit




HS DLC Integral Stopper Drills allow you, to attain both precision and safety through a unique and ergonomic design. DLC Dark gray coating increasing the apex stability of the drill and decreasing the drill's vibration and the cutting temperature. Stable implant insertion, without any fear of abruption. Every diameter (2.0, 2.8, 3.2, 3.65, 4.0 and 4.5) is color-coded and contains the universal lengths of integral stopper drills (6 mm, 8 mm, 10 mm, 11.5 mm, and 13 mm).

The set includes Lance Drill, Round Bur, Drill Extender.

COATED DRILL KIT WITH INTEGRAL STOPPER			STOP-30C
Product	L (mm)	Ø (mm)	Ref:
	6.0	2.0	PD200L6SC
	8.0	2.0	PD200L8SC
	10.0	2.0	PD200L10SC
	11.5	2.0	PD200L115SC
	13.0	2.0	PD200L13SC
	6.0	2.8	TD280L6SC
	8.0	2.8	TD280L8SC
	10.0	2.8	TD280L10SC
	11.5	2.8	TD280L115SC
	13.0	2.8	TD280L13SC
	6.0	3.2	TD320L6SC
	8.0	3.2	TD320L8SC
	10.0	3.2	TD320L10SC
	11.5	3.2	TD320L115SC
	13.0	3.2	TD320L13SC

SURGICAL KITS
















Product	L (mm)	Ø (mm)	Ref:
	6.0	3.65	TD365L6SC
	8.0	3.65	TD365L8SC
	10.0	3.65	TD365L10SC
	11.5	3.65	TD365L115SC
	13.0	3.65	TD365L13SC
	6.0	4.0	TD400L6SC
	8.0	4.0	TD400L8SC
	10.0	4.0	TD400L10SC
	11.5	4.0	TD400L115SC
	13.0	4.0	TD400L13SC
	6.0	4.5	TD450L6SC
	8.0	4.5	TD450L8SC
	10.0	4.5	TD450L10SC
	11.5	4.5	TD450L115SC
	13.0	4.5	TD450L13SC

Product	Type	L (mm)	Ø (mm)	Ref:
	Lance Drill	13.0	1.5	LD150L13C
	Round Bur	3.0	3.0	RB30
	Drill Extender	29.0	3.5	TDE











Tool kit includes special plastic polymer box autoclavable at a temperature of 134°C.




DLC Step&Stop Kit

HS Introduce a new Step&Stop Kit built of uniquely designed drills. Each drill leads the following drill for fast and accurate drilling. The drill dimension and shape reflect the closest match to the implant geometry. It benefits from a built-in integral stopper, perfect balance, and an optimized cutting edge with a Diamond- like Carbon DLC coating.

DLC STEP&STOP KIT			DK28RD
Product	L (mm)	Ø (mm)	Ref:
	6.0	2.8	TD280L6SC
	8.0	2.0-2.8	SD2028L8SC
	10.0	2.0-2.8	SD2028L10SC
	11.5	2.0-2.8	SD2028L115SC
	13.0	2.0-2.8	SD2028L13SC
	6.0	3.2	TD320L6SC
	8.0	2.8-3.2	SD2832L8SC
	10.0	2.8-3.2	SD2832L10SC
	11.5	2.8-3.2	SD2832L115SC
	13.0	2.8-3.2	SD2832L13SC
	6.0	3.65	TD365L6SC
	8.0	3.2-3.65	SD32365L8SC
	10.0	3.2-3.65	SD32365L10SC
	11.5	3.2-3.65	SD32365L115SC
	13.0	3.2-3.65	SD32365L13SC

SURGICAL KITS

Product	L (mm)	Ø (mm)	Ref:
	6.0	4.0	TD400L6SC
	8.0	3.65-4.0	SD36540L8SC
	10.0	3.65-4.0	SD36540L10SC
	11.5	3.65-4.0	SD36540L115SC
	13.0	3.65-4.0	SD36540L13SC
	6.0	4.5	TD450L6SC
	8.0	4.0-4.5	SD4045L8SC
	10.0	4.0-4.5	SD4045L10SC
	11.5	4.0-4.5	SD4045L115SC
	13.0	4.0-4.5	SD4045L13SC

Product	Type	L (mm)	Ø (mm)	Ref:
	Pilot drill	6.0	2.0	PD200L6SC
	Round	2.3	2.3	RB23
	Bur Drill Extender	29.0	3.5	TDE


















Tool kit includes special plastic polymer box autoclavable at a temperature of 134°C.



One Drilling System





Compatible with: Nobel Biocare, Straumann, Astra Tech, Dentsply, Zimmer, Biomet 3i and more.

- Maximum corrosion resistance.
- Longer drill lifespan.
- Easily attachable and detachable.
- High contrast markings for increased visibility.
- Increased accuracy for drilling in proximity to vital structures.
- Reduced friction at the cutting site, thus decreasing tissue and bone necrosis and ensuring faster and better recovery.
- Unique design and sharpness for minimal invasiveness and increased apex implant stability.

ONE DRILLING SYSTEM KIT			ONEDRILL
Product	Type	L (mm)	Ref:
	Stopper	7.0	STP7
	Stopper	8.0	STP8
	Stopper	8.5	STP85
	Stopper	9.0	STP9
	Stopper	10.0	STP10
	Stopper	11.0	STP11
	Stopper	11.5	STP115
	Stopper	12.0	STP12
	Stopper	13.0	STP13

Product	Type	Ø (mm)	Ref:
	One Drill (rpm 800-1000)	3.5	1TD3516
	One Drill (rpm 800-1000)	3.8	1TD3816
	One Drill (rpm 800-1000)	4.0	1TD4016
	One Drill (rpm 800-1000)	4.2	1TD4216
	One Drill (rpm 800-1000)	4.5	1TD4516
	One Drill (rpm 800-1000)	4.8	1TD4816

Product	Type	L (mm)	Ref:
	Guide Drill (rpm 800-1000)	3.5	GD3248
	Bone Remove / Depth Gauge (rpm 300-700)	10.0	BR
		11.5	
		13.0	
		15.0	
		16.0	

Product	Type	Ref:
	Opener in tools	OPI
	Opener out tools	OPO
	Bone Pusher Push out the collected bone	BP
	Pincette: Tool to remove remaining bone	5B-SA








1. Use the guide drill (GD3248) to be careful on the slippery strong bone surface after minimized flap opening.
2. Use the one drill of the same size drill according to the implant size you would like to place.
3. Check the depth with the bone remover (BR2116). If the depth is not deep enough, use the bone remover to remove the leftover bone with stopper.
4. If you find very hard bone (D1 or D2 bone), you may use one size bigger drill and put it in half only after using the same size drill of the implant size. If you find very soft bone, you may use one size smaller drill than the implant size.






Tool kit includes special plastic polymer box with 2 levels: upper and lower autoclavable at a temp of 134°C.

Smart Surgical Kit

HS Smart Drills Kit is new generation trephine drills kit that designed for heavy duty work and impeccable aesthetic results.

- Laser marked score lines.
- Perforated for better air circulation.
- Solid monoblock structure.
- Top quality surgical materials embed with DLC coating.
- Increased the apex stability of the drill.
- Specifically built for Smart Implant drilling protocol.

SMART SURGICAL KIT				SK005
Product	Type	L (mm)	Ø (mm)	Ref:
	Marking Drill	19.0	1.9	PD190
	Coated Pilot Drill	19.0	2.0	DNP200
	Coated Cylindrical Drill	19.0	2.8	DNT280
	Drill extender	29.0	3.5	TDE
	Motor Mount Driver	20.0	⬡ 2.42	MM24220
	Motor Mount Driver	28.0	⬡ 2.42	MM24028
	2 x Leading Pin	17.0	1.6	LP00016







Smart Trephine Drills	Ø Implant (mm)	Ø (mm)	Ref:
	3.0	2.8	DR300
	3.5	3.2	DR320
	3.75	3.6	DR360
	4.2	4.0	DR400
	4.5	4.2	DR420

Tool kit includes special plastic polymer box autoclavable at a temperature of 134°C.



GBR System

Guided bone and tissue regeneration






GBR FIXATION SCREW

Product	H (mm)	Ø 1.4 mm	Ø 1.6 mm	Ø 2.0 mm
	3.0	SDS-140-030	SDS-160-030	SDS-200-030
	4.0	SDS-140-040	SDS-160-040	SDS-200-040
	6.0	SDS-140-060	SDS-160-060	SDS-200-060
	8.0	SDS-140-080	SDS-160-080	SDS-200-080
	10.0	SDS-140-100	SDS-160-100	SDS-200-100
	12.0	SDS-140-120	SDS-160-120	SDS-200-120




GBR BONE TACK

Product	Type	H (mm)	Ø (mm)	Ref:
	Tack (purple)	3.5	2.5 / 0.85	SDB-140-035
	Tack (blue)	5.0	2.5 / 0.85	SDB-140-050




GBR TENTING SCREW

Product	Type	H (mm)	Ø (mm)	Ref:
	Half-Thread	8.0	1.5	TNT-8
	Half-Thread	10.0	1.5	TNT-10
	Half-Thread	12.0	1.5	TNT-12
	Full-Thread	10.0	1.5	TNT-10F
	Full-Thread	12.0	1.5	TNT-12F




GBR TOOLS

Product	Type	H (mm)	Ref:
	Driver Handle	102.5	DH-01
 Ø 4.0 mm	Tac Applicator	151.5	TA-01
	Turning handle	15.4	TH-01


SCREW DRIVER (TACK REMOVER DRIVER)

Product	Type	L (mm)	Ref:
	Short driver	20.0	TR-01
	Regular driver	26.0	TR-02
	Extra long driver	52.0	TR-03

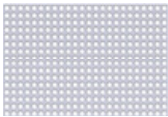
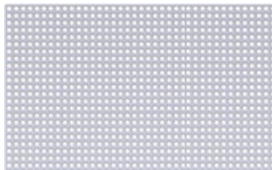

PILOT DRILL

Product	H (mm)	Ø (mm)	Ref:
	28.0	1.2	SD-PD12
	28.0	1.4	SD-PD14
	28.0	2.0	SD-PD20




GBR MALLET

Product	H (mm)	W (mm)	Ref:
	162.0	13.0	MT-414



GBR TITANIUM MESH (Hole Pore 0.6 mm)

H (mm)	22.0	36.0	44.0
L (mm)	15.0	22.0	44.0
t 0.1 mm			
	SDP-T22-015	SDP-T36-022	SDP-T44-044

GBR TITANIUM MESH (Hole Pore 1.4 mm)

H (mm)	22.0	36.0	44.0
L (mm)	15.0	22.0	44.0
t 0.1 mm			
	SDP-S22-015	SDP-S36-022	SDP-S44-044







BONE TACK CASE (to 20 Tack)




H (mm)	for Tack 3.5 mm	for Tack 5.0 mm
Ø 37.5 mm		
	BT-03	BT-05


GBR Mini Kit

Guided bone regeneration or GBR is a well-known procedure in implant dentistry and used over decades. It is used in all kinds of bone loss cases, from minimal bone loss and tooth extraction to a moderate or a complete bone loss.

This kit is a mini screw kit version for a minor to moderate GBR procedures.







SD-SCREW-MINI KIT				HS-SCRM
Product	H (mm)	Ø (mm)	Qty. (pcs)	Ref:
	3.0	1.4	5	SDS-140-030
	4.0	1.4	5	SDS-140-040
	6.0	1.4	5	SDS-140-060
	8.0	1.6	5	SDS-160-080
	10.0	1.6	5	SDS-160-100
	12.0	1.6	5	SDS-160-120




Product	Type	Size (mm)	Ref:
	Titanium Mesh Ø1.4	22.0x15.0	SDP-S22-015
	Short driver	20.0	TR-01
	Extra long driver	52.0	TR-03

Product	Type	L (mm)	Ref:
	Driver Handle	102.5	DH-01

GBR Standard Kit

HS GBR is the best solution for guided bone regeneration and we equipped the kit only with the best instruments. Our GBR system can be applied to any guided bone regeneration case scenario. The GBR System is comprised of bone screws and bone plates that are used for bone fixation surgery, missing amount of bone, tooth extraction defects in the bone structure and more.



SD-SCREW-STANDARD KIT				HS-SCR
Product	H (mm)	Ø (mm)	Qty. (pcs)	Ref:
	6.0	1.4	8	SDS-140-060
	8.0	1.4	8	SDS-140-080
	10.0	1.4	4	SDS-140-100
	6.0	1.6	8	SDS-160-060
	8.0	1.6	8	SDS-160-080
	10.0	1.6	4	SDS-160-100



Product	Type	Ø (mm)	Ref:
	GBR Pilot Drill	1.2	SD-PD12
	GBR Pilot Drill	1.4	SD-PD14
	GBR Pilot Drill	2.0	SD-PD20



Product	Size (mm)	Ref:
Titanium Mesh Ø1.4	36.0x22.0	SDP-S36-022
Short driver	20.0	TR-01
Regular driver	26.0	TR-02
Extra long driver	52.0	TR-03
Driver handle	102.5	DH-01
Turning handle	15.4	TH-01

GBR Mesh-Tack Kit

Designed to organize everything you need for membrane fixation in one convenient location.

GBR SD-MESH-TACK MEMBRANE KIT				HS-MTAC
Product	Type	H (mm)	Ø (mm)	Ref:
	Tack (purple)	3.5	2.5 / 0.85	SDB-140-035
	Tack (blue)	5.0	2.5 / 0.85	SDB-140-050









Product	Type	L (mm)	Ref:
	Short driver	20.0	TR-01
	Regular driver	26.0	TR-02




Product	Type	H (mm)	Ref:
	Mallet	162.0	MT-414
	Tack Applicator	151.5	TA-01




Product	Size (mm)	Ref:
Titanium Mesh Ø1.4	22.0x15.0	SDP-S22-015
Titanium Mesh Ø1.4	36.0x22.0	SDP-S36-022
Titanium Mesh Ø1.4	44.0x44.0	SDP-S44-044
Bone Tack Case Red	for 20 Tack 3.5 mm	BT-03
Bone Tack Case Blue	for 20 Tack 5.0 mm	BT-05




GBR Comfi x Premium Kit



We designed the best GBR kit that can exist in the market, and every part of it is a masterpiece nonetheless. Our GBR system can be applied to any guided bone regeneration case scenario. The GBR System is comprised of bone screws and bone plates that are used for bone fixation surgery, missing amount of bone, tooth extraction defects in the bone structure and more.

SD-COMFIX PREMIUM KIT				SD-GBR
Product	H (mm)	Ø (mm)	Qty. (pcs)	Ref:
	6.0	1.4	4	SDS-140-060
	8.0	1.4	4	SDS-140-080
	10.0	1.4	2	SDS-140-100
	6.0	1.6	4	SDS-160-060
	8.0	1.6	4	SDS-160-080
	10.0	1.6	2	SDS-160-100
	3.5	2.5	10	SDB-140-035
	5.0	2.5	10	SDB-140-050



Product	Type	H (mm)	Ref:
	Driver Handle	102.5	DH-01
	Tac Applicator	151.5	TA-01
	Turning handle	15.4	TH-01

Product	Type	Ø (mm)	Ref:
	GBR Pilot Drill	1.2	SD-PD12
	GBR Pilot Drill	1.4	SD-PD14
	GBR Pilot Drill	2.0	SD-PD20

Product	Type	L (mm)	Ref:
	Short driver	20.0	TR-01
	Regular driver	26.0	TR-02
	Extra long driver	52.0	TR-03

Product	Type	Ø (mm)	Ref:
	NLBC drill	5.0	NLBC-50
	NLBC stopper	5.0	NLBC-ST5

BONE TACK CASE (to 20 Tack)

H (mm)	for Tack 3.5 mm	for Tack 5.0 mm
Ø 37.5 mm	 <p>BT-03</p>	 <p>BT-05</p>






Product	Size (mm)	Ref:
Titanium Mesh Ø0.6	36.0x22.0	SDP-T36-022
Titanium Mesh Ø1.4	22.0x15.0	SDP-S22-015
Titanium Mesh Ø1.4	44.0x44.0	SDP-S44-044
Mallet	162.0	MT-414

Orthodontic

Mini Screws (TADs) & Ortho Tools

Ortho Mini Screw Kit

The toolkit is intended for installation and removal of Orthodontic Mini Screws. All components, including the case, are reusable and sterilizable by autoclaving. All tips are interchangeable to fit in surgical contra-angle.

MINI SCREW IMPLANT TOOLS KIT IN AUTOCLAVABLE BOX				DMS20001
Product	Type	H (mm)	Ref:	
	Spear Tip Point Drill	60.0	DMS20010	
	Hexagonal Key Long	60.0	DMS20011	
	Hexagonal Key Short	25.0	DMS20012	
	Hand Finger Key	25.0	DMS20013	
	Driver Handle Holder Tool	93.0	DMS20014	

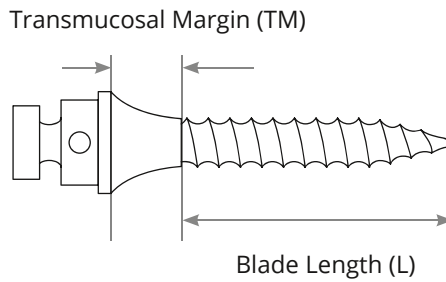


The kit for the preparation of Miniscrew installation tools is made of heat resistant engineering polymer able to withstand high temperatures of the autoclave.

All tools, including the case (size: 60x100mm), are autoclavable at 134 °C.

Orthodontic Mini Screw Implant








HS Miniscrew control is essential for successful orthodontic treatment especially when it is a severe or even critical situation. When "conventional methods" are completely useless. HS Miniscrew is in direct contact with bone, and does not possess a periodontal ligament. As a result, it does not move when orthodontic/orthopedic force is applied, and therefore can be used as "absolute anchorage".



- Channel anchor 0.5mm, the appropriate wires, eyelets and elastic in chain.



- Transmucosal section with perfect adaptation and tissue and peri-implant soft tissues.

MINI SCREW IMPLANTS


Product	TM (mm)	L (mm)	Ø (mm)	Ref:
	1.0	6.0	1.5	DMS10101
	1.0	8.0	1.5	DMS10102
	2.0	6.0	1.5	DMS10201
	2.0	8.0	1.5	DMS10202
	2.0	10.0	1.5	DMS10203
	2.0	12.0	1.5	DMS10204
	2.0	14.0	1.5	DMS10205



BUCCAL SHELF SCREW

Product	TM (mm)	L (mm)	Ø (mm)	Ref:
	4.0	10.0	2.0	DMS2014
	4.0	12.0	2.0	DMS2016

ZYGOMATIC BONE SCREW

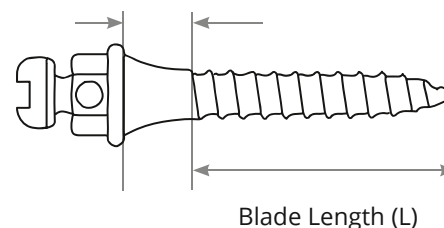
Product	TM (mm)	L (mm)	Ø (mm)	Ref:
	8.0	9.0	2.0	DMS1017

Mini Screw Orthodontic with Bracket Head



The Orthodontic Miniscrew with Bracket Head is commercialized with installation threads with Clockwise insertion also allowing the application of forces with anchoring of accessories in the 0.53mm x 0.63mm (0.021"x0.025") slots. Installed by a simplified surgical procedure, through the gum with topical or infiltrative anaesthesia, temporarily fixed to the maxillary or mandibular bone, with the purpose of:

- creating stable anchorage points.
- allowing the application of continuous forces.
- substituting the traditional anchorage systems, or those requiring the patient collaboration, also enabling the performance of more complex orthodontic movements with accuracy and in shorter time.

Transmucosal Margin (TM)













































MINI SCREW WITH BRACKET HEAD

Product	TM (mm)	L (mm)	Ø (mm)	Ref:
	1.0	6.0	1.5	DMS10241
	1.0	8.0	1.5	DMS10242

Burs for preliminary and fine finishing

A series of premium quality orthodontic trimming and finishing burs, great for post-treatment adhesive removal. 7 series burs are 12-braded.

HS ORTHODONTIC DEBONDING BUR

Product	Type head		Ø (mm)	Ref:
	Round		1.4	HS-CB-FG7004
	Round		1.8	HS-CB-FG7006
	Round		2.3	HS-CB-FG7008
	Round		2.5	HS-CB-FG7009
	Needle		1.9	HS-CB-FG7901
	Needle		1.0	HS-CB-FG7902
	Needle		1.2	HS-CB-FG7903
	Flame		1.4	HS-CB-FG7104
	Flame		1.8	HS-CB-FG7106
	Flame		2.3	HS-CB-FG7108
	Taper Trimming		1.0	HS-CB-FG7214
	Egg		1.4	HS-CB-FG7404
	Egg		1.8	HS-CB-FG7406
	Egg		2.3	HS-CB-FG7408
	Bullet		1.4	HS-CB-FG7801
	Bullet		1.8	HS-CB-FG7802
	Bullet		2.3	HS-CB-FG7803
	Taper Short		0.9	HS-CB-FG7114
	Flat End Taper		1.4	HS-CB-FG7174
	Finishing Taper Long		1.4	HS-CB-FG7204
	Finishing Taper Long		1.8	HS-CB-FG7206



Instruments

Tungsten Carbide Surgical Burs

Bur Tungsten Carbide




HS Zekrya Carbide FG Surgical Bone Cutter has a cutting tip and 6 helical tungsten-carbide spiral blades, that cut cleanly while lifting debris coronally along its flutes making HS Zekrya ideal for sectioning an impacted wisdom tooth prior to its extraction, separating and removing roots.

HS ZEKRYA

Product	H (mm)	L (mm)	Ø (mm)	Ref:
	23.0	11.0	1.6	FGZK23
	28.0	11.0	1.6	FGZK28



HS Endo-Z version is the tapered configuration, which allows easy access to the canal orifices and funnels shaping of the chamber walls. The non-cutting tip helps to prevent damage to the chamber floor or walls.

HS ENDO-Z

Product	H (mm)	L (mm)	Ø (mm)	Ref:
	23.0	9.0	1.6	FGEZ23
	25.0	11.0	1.6	FGEZ25
	28.0	13.0	1.6	FGEZ28


HS Transmetal extra-fine crosscut shape is designed to remove an old amalgam filling or to cut through porcelain fused to metal crowns without shattering the porcelain or damaging the bur.

HS TRANSMETAL

Product	H (mm)	L (mm)	Ø (mm)	Ref:
	19.0	3.0	1.0	FG1957
	19.0	3.0	1.2	FG1958

Sharp blade geometry and multiple crosscuts provide the ideal combination for crown removal and endodontic access, making HS Barracuda an ultimate grinding machine.

HS BARRACUDA

Product	H (mm)	L (mm)	Ø (mm)	Ref:
	22.0	5.0	2.3	FG856-023
















Burs for orthopedic and surgical operations

HS produces the carbide burs, with high hardness, high purity and high wearability. The tungsten carbide material we use is the next hardest known material on the planet, after diamonds.

For each procedure, we are equipped with high precision production devices, such as high-precision grinding machine, fully-automatic welding machine, etc. In addition, we purchased the latest 6-axis CNC machines manufactured in Pakistan (the same machines we use to make the precise implants and prosthetics).

Outstanding high sharpness, high concentricity, and high precision.

HS CARBIDE SURGICAL BUR


Product	Type	H (mm)	Ø (mm)	Ref:
	Round Shape	19.0	0.8	HS-CB-FG1
	Round Shape	19.0	1.0	HS-CB-FG2
	Round Shape	19.0	1.2	HS-CB-FG3
	Round Shape	19.0	1.4	HS-CB-FG4
	Round Shape	19.0	1.6	HS-CB-FG5
	Pear Shape	21.0	0.9	HSCB-FG245
	Pear Shape	19.0	0.8	HS-CB-FG330
	Pear Shape	19.0	1.0	HS-CB-FG331
	Pear Shape	21.0	1.2	DSI-CB-FG332
	Cross Cut	21.0	0.8	HS-CB-FG556
	Cross Cut	21.0	1.0	HS-CB-FG557
	Cross Cut	25.0	1.2	HS-CB-FG558XL
	Six Blades	20.0	0.9	HS-CB-FG1156
	Six Blades	22.0	1.0	HS-CB-FG1557
	Six Blades	22.0	1.2	HS-CB-FG1558

Ceramic Tissue Trimmer

HS Ceramic Soft Tissue Trimmer is an efficient alternative to scalpels and piezo-electric surgery. It has a friction-grip shank and can be used with a high-speed turbine, like any other FG bur.

The recommended operating speed is 300.000 rpm.










CERAMIC SOFT TISSUE TRIMMER FOR PRECISE CUTS

Product	L (mm)	Ø (mm)	Ref:
	10.0	1.0	HS-STT

Bone Cutting & Shaping Surgical Bur

Flattening / Trimming / Removing of hard gingiva, tooth and bone. Various usage in accordance with the shape and the ridge of alveolar bone. Tungsten Carbide or Diamond with titanium nitride coating. You can choose components depending on burring force and usage.

BONE CUTTING & SHAPING SURGICAL BUR








Product	H (mm)	L (mm)	Ø (mm)	Ref:
	28.0	3.5	3.5	RB38
	31.0	11.2	5.0	RTB50
	31.0	8.8	3.8	TB38
	33.0	11.6	3.8	EB38
	30.0	4.0	4.0	DRB38
	31.2	11.6	4.8	DTB48
	35.0	8.8	3.8	DTB38
	32.0	5.0	5.0	FRB50
	37.0	12.5	5.0	SB50

Degranulation Burs Kit

It is absolutely necessary to get a full debridement clean surface, and it can be achieved using the Degranulation Burs.

Degranulation Burs will remove all soft tissue from the socket walls and at the same time encourage bleeding (osteogenesis). This will allow to attain a faster healing process.

The morphological design and diamond nanocoating of Degranulation Burs enable them to clear soft tissue away without grabbing, tearing or causing harm to the the bone surface. Now you can work faster, smoother and more accurate than ever, delivering only the best results for your patients.

DEGRANULATION BURS FULL KIT				DG-BUR-K
Product	Ø (mm)	Type		Ref:
	1.0	Degranulation	Bur	DG-10
	2.5	Degranulation	Bur	DG-25
	3.0	Degranulation	Bur	DG-31
	3.5	Degranulation Bur		DG-35
		Bur block		DG-BUR
		Cleaning brush		BRUSH-JU
		Suction tube		M-SUC

Features:




- Designed morphologically to remove soft tissues without harming the bone.
- The debridement process is done quickly and effectively.
- Excellent for preparing a defect for bone grafting materials.
- Multi-task drills can be used in implantology, periodontal surgery, endodontic surgery, and root removal.
- Reusable up to 100 procedures.

Peri-Implantitis Cleaning Brush

HS NiTi Brush is intended for mechanical debridement and cleaning of titanium dental implant surface contaminated by osseous defect of plaque, calculus or any other foreign body materials resulted from peri-implantitis.

HS Implant Brush moves rotationally along the circumference of the implant and is capable of adapting more closely to the implant architecture due to its flexibility. It provides an even, effective and time-saving debridement.

PERI-IMPLANTITIS CLEANING BRUSH



Product	Type	H (mm)	Ø (mm)	Ref:
	Best access to every area, even if the space is limited.	40.0	7.0	ICB-1
	Regular brush for case of peri-implantitis. Effective access to pocket.	38.0	3.0	ICB-2
	Narrow brush for very precise and accurate operation. Initial stage of peri-implantitis.	33.0	1.0	ICB-3

Interproximal Reduction Diamond Burs

IPR burs offer the health care professional, the opportunity to produce rapid, deadly accurate interproximal reduction that is comfortable to the patient. Faster, easier to use, with no gagging reflex. The reduction can now be delivered from as minimal an amount as 0.2mm, right up to 0.5mm. The two most common techniques employed with these burs is a gingival to incisal approach, (whereby the bur is engaged below the contact point and moved occlusally) and the traditional buccal to lingual method.

The special diamond coating prevents micro-fractures in the tooth enamel and the thin burs allow you to achieve the desired tooth slenderization and contouring as quickly and accurately as possible. Careful handling of these precision burs is paramount. Can be used directly or with widening wedges.




IPR BURS

Product	Head Ø (mm)	Head (mm)	L (mm)	Ref:
	0.35	7.0	23.5	IPR-035
	0.45	7.0	23.5	IPR-045



Lindemann Carbide Drill

Lindemann carbide burs are specially adapted burs which designed for aggressive cutting of bone structure. The crosscut shape and external flute depth ensure efficient cutting of hard tissue or bone tissue and expel waste material. Lindemann Burs are renowned for their strength, durability, and advanced design features.

LINDEMANN DRILLS FOR BONE SURGERY LATCH TYPE

Product	H (mm)	Ø (mm)	Ref:
	29.0	1.5-2.0	LD1520
	29.0	2.2-2.6	LD2226
	29.0	1.5	LD1515

LINDEMANN DRILLS FOR BONE SURGERY FRICTION GRIP

Product	H (mm)	Ø (mm)	Ref:
	25.0	1.6	LD161
	25.0	1.6	LD162