



**DSI DENTAL**  
SOLUTIONS



# Surgical Burs & Instruments 2023/2024

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# 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 BUR

Product	H (mm)	L (mm)	Ø (mm)	Ref:
	28.0	3.5	3.5	RB38
	31.0	11.2	5.0	RTB50

## SHAPING SURGICAL BUR

Product	H (mm)	L (mm)	Ø (mm)	Ref:
	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 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:

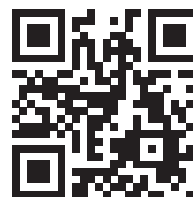
- Designed morphologically to remove soft tissues without harming the bone.
- The debridement process is done quickly and effectively.
- Excellent for preparing a defect for bone grafting materials.
- Multi-task drills can be used in implantology, periodontal surgery, endodontic surgery, and root removal.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



Scan the QR-code for explanatory video




# 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.





Scan the QR-code for explanatory video

## 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


# Ceramic Tissue Trimmer

DSI 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.



Scan the QR-code for explanatory video

## CERAMIC SOFT TISSUE TRIMMER FOR PRECISE CUTS

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

# Peri-Implantitis Cleaning Brush




DSI 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.

DSI 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.



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## 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

# Instruments



Tungsten Carbide Surgical Burs

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# Bur Tungsten Carbide




DSI 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 DSI Zekrya ideal for sectioning an impacted wisdom tooth prior to its extraction, separating and removing roots.

## DSI ZEKRYA

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



DSI 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.

## DSI 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


DSI 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.

## DSI 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 DSI Barracuda an ultimate grinding machine.

## DSI BARRACUDA

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









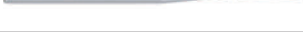


# Burs for orthopedic and surgical operations

DSI 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 Switzerland (the same machines we use to make the precise implants and prosthetics).

Outstanding high sharpness, high concentricity, and high precision.

## DSI CARBIDE SURGICAL BUR

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