





















Compass | Surgery

Product and application recommendations for dental and oral/maxillofacial surgery practices.



																		
	Tungsten Carbide										Ceramics		Diamond		Sonic Tips			
Figure number	H141 H141Z	H141A H141AZ	H254E H254LE	H255E	H162SL H162SXL	H162A H162AZ	H162ST H162STZ	H166A H166AZ	H166ST H166STZ	H267 H269	K160A	K157	242	D254	SFS100 SFS101 SFS102	SFS103 SFS104 SFS105	SFS109 SFS109F	SFS110
Length (working part)	-	-	6,0 mm	6,0 mm	8,0 mm	9,0 mm	9,0 mm	10,0 mm	10,0 mm	11,0 mm	-	9,0 mm	-	6,0 mm	10,7 mm	10,7 mm	-	10,0 mm
Size (Ø)	010 - 050	010 - 050	012	012	014	016	016	021	021	016	023 - 031	016	018 - 050	012	-	-	025	-
Work on bones																		
Osteotomy (bone cuts)	x smaller sizes	x smaller sizes	x	x	x	x	x	x	x	x	x	x			x			x
Osteoplasty		x									x							x
Bone smoothing	x larger sizes	x larger sizes									x		x					
Crestal linear preparation	x smaller sizes	x smaller sizes	x	x							x				x			
Removal of teeth																		
Tooth extraction			x	x	x	x	x			x		x		x	x			
Removal of impacted (wisdom) teeth	x	x	x 	x	x	x	x	x	x	x	x	x						
Preservation of teeth																		
Apicoectomy	x	x	x	x	x	x	x			x	x	x		x				
Hemisection (separation of root dentin)			x	x	x	x	x	x	x	x		x						
Surgical treatments																		
Tumor treatment	x	x			x	x	x	x	x		x	x						
Cyst removal	x	x			x	x	x				x	x						
External sinus lift	x	x									x		x			x	x	

 Our recommendation for wisdom tooth removal



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Differentiation between tungsten carbide, ceramic, diamond and sonic

Tungsten Carbide

- effective abrasion and cutting performance
- durable and stable
- sharp and robust
- tungsten carbide is established and the standard in every dental practice

Ceramic

- highly resistant to wear
- biocompatible
- very efficient removal
- good visibility in the patient's mouth, especially in hard-to-reach areas

Diamond

- grinding characteristics (not cutting)
- gentle on soft tissue
- safe removal, e.g. for bone smoothing
- suitable for work near sensitive structures such as nerves or roots (e.g. for apicoectomy or external sinus lift)

Sonic

- minimally invasive
- reduced bleeding
- better wound healing
- patient friendly

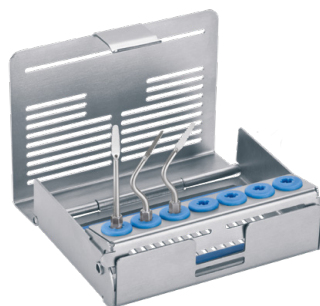


KT.314.016

Gingivectomy

Kit 4561

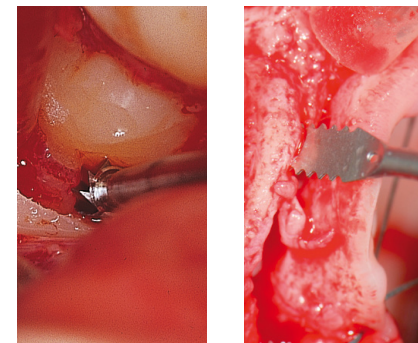
- suitable for all indications in gingivectomy, e.g.
 - exposure of intra-osseous implant sites
 - exposure of impacted teeth
 - exposure of deep cavities in the neck of the tooth
- made of high quality ceramic, i.e. metal free and biocompatible
- used without cooling at high speed (300,000 - 450,000 rpm) to generate heat
- the heat and the resulting coagulation minimize the bleeding



Extremely fine bone cuts

Kit 4567A

- the kit contains the SFS100, SFS101, and SFS102 sound tips



Surgical crown lengthening

SFS 120, SFS 121, SFS 122

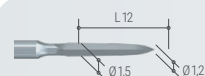
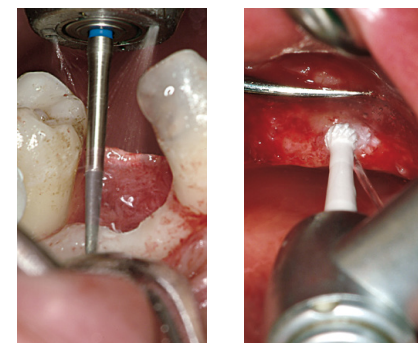
- used when the biological width is violated, i.e. when the crown margin is too close to the bone, an asymmetrical arcade or a so-called gummy smile
- the diamond-coated edges work on the bone and reduce it to such an extent that the original biological width is restored
- no time-consuming flap creation
- minimally invasive and optimal wound healing



External sinus lifting

Kit 4614

- the kit contains the sonic tips SFS103, SFS104 and SFS105
- for separating the Schneider membrane



Centering bones
186A



Explantation
227A.032-060



Preparation of bone cylinders
227B.040 - 070



Implantation
210L16/L19/L20



K210L16/L19/L20



Contra-angle shank extension
589

