



**SW/SS**dental



# TUNGSTEN CARBIDE INSTRUMENTS

## HARTMETALLINSTRUMENTE

Dental clinic  
Zahnarztpraxis



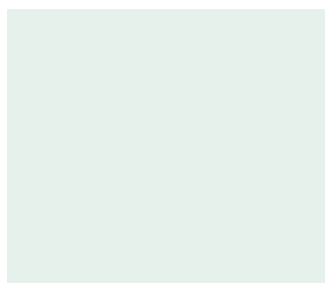
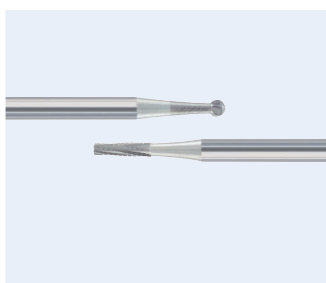
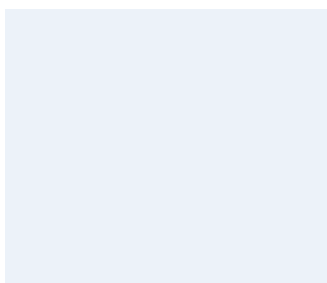
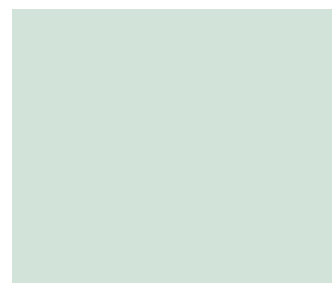
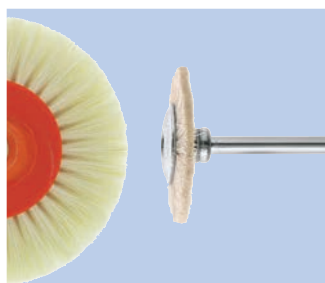
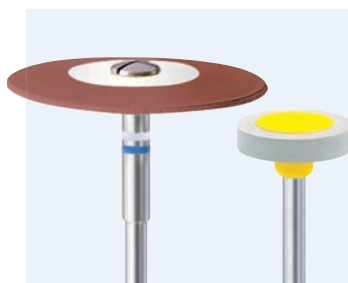
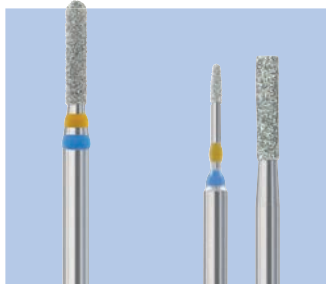
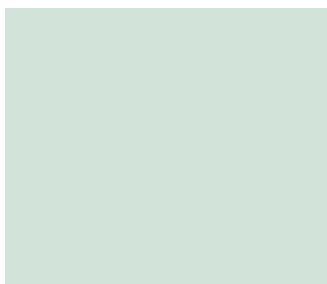
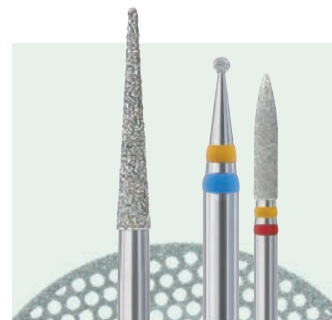
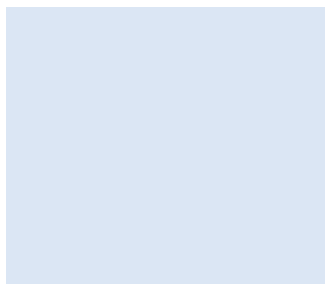
Dental laboratory  
Dental Labor



Jewellery  
Bijouterie



OUR RANGE OF PRODUCTS  
UNSER PRODUKTPROGRAMM





QUALITY

Development, manufacturing and distribution in the framework of certified quality management system in compliance with the international standard EN ISO 13485. The medical devices meets the relevant requirements of annex II (section 3) of the directive 93/42/EEC and are CE-certified. All process fit the quality rules of our management, which requires compliance with quality management system EN ISO 13485.

CERTIFICATES · ACCREDITATIONS

We are member of the “European Health Industry Business Communication Council“ as well as through corresponding accreditations in some countries allowed to export medical goods without restrictions. Further details and our latest certificates are published on [www.swissdental.net](http://www.swissdental.net)

QUALITÄT

Entwicklung, Fertigung und Vertrieb im Rahmen eines zertifizierten Qualitätsmanagementsystems nach dem internationalen Standard EN ISO 13485. Die Medizinprodukte erfüllen zusätzlich die Anforderungen nach Anhang II (Abschnitt 3) der Richtlinie 93/42/EWG und sind CE-zertifiziert. Alle Vorgänge entsprechen den Qualitätsrichtlinien der Unternehmensleitung, welche die Einhaltung des Qualitätsmanagement seit 2003 nach EN ISO 13485 fordert.

ZERTIFIKATE · AKKREDITIERUNGEN

Wir sind Mitglied im „European Health Industry Business Communication Council“ sowie in einzelnen Ländern durch eine entsprechende Akkreditierung zum Import von medizinischen Gütern berechtigt. Die aktuellen Zertifikate sowie weitere Informationen finden Sie unter [www.swissdental.net](http://www.swissdental.net)

## TUNGSTEN CARBIDE INSTRUMENTS

The unique quality of the carbide materials and the high-tech production of the cutting edges specifies the quality of the instruments.

## HARTMETALLINSTRUMENTE

Die besondere Güte des Hartmetall-Werkstoffs und die hoch technische Fertigung der Schneiden zeichnen diese qualitativ hochwertigen Instrumente aus.

Tungsten carbide burs.....	Hartmetall Bohrer.....	02 – 07
Tungsten carbide crown cutter.....	Hartmetall Kronentrenner.....	08 – 09
Surgery.....	Chirurgie.....	10 – 13

## TUNGSTEN CARBIDE BURS

Tungsten Carbide Burs are more resistant than steel drills, without losing their sharpness during their long service life. Due to their high resistance, they are ideally suited for removing metal fillings, metal bridges, and metal crowns. The hard metal instruments offered by RODENT are manufactured with the highest precision of compacted fine-grained hard metal.

## HARTMETALL BOHRER

Hartmetall-Bohrer sind härter als Stahlbohrer, ohne dass sie während ihrer langen Standzeit wesentlich an Schärfe verlieren. Aufgrund ihrer hohen Härte sind sie bestens geeignet, um Metallfüllungen, Metallbrücken und Metallkronen zu entfernen. Die Hartmetallinstrumente von RODENT werden mit höchster Präzision aus hochverdichtetem Feinkorn-Hartmetall hergestellt.



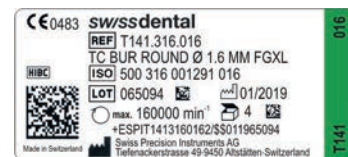
### PRODUKTETIKETT PRODUCT LABEL

Folgende genormte Daten werden verwendet:

- CE-Zeichen (Medizinprodukte)
- Hersteller/Marke
- Anwendungssymbole
- Bestell-/Referenznummer (REF)
- Artikelbeschreibung
- LOT Nummer (Rückverfolgbarkeit)
- ISO Nummer
- Produktabbildung
- Max. zulässige Umdrehungszahl
- Empfohlene Umdrehungszahl
- Verpackungseinheit
- Ablaufdatum

The following standardized symbols are used:

- CE-marking for medical products
- The manufacturer/brand
- Application symbols
- Order-/Reference number (REF)
- Article description
- LOT number (traceability)
- ISO number
- Product drawing
- Max. permitted speed
- Rec. operational speed
- Packing unit
- Expiry date



Muster Example

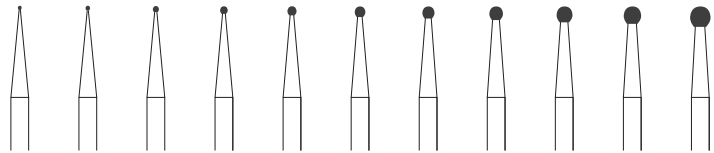
- Kontaktdaten
- HIBC (Barcode/Klarschrift)
- Matchcode
- ISO Farbstreifen
- ISO Herstelldatum
- Gebrauchsanweisung/Katalog beachten

- Contact details
- HIBC (barcode/plain text)
- Matchcode
- ISO colour coding
- ISO date of manufacture
- Consult instructions/catalogue



Round plain cut  
Rosenbohrer

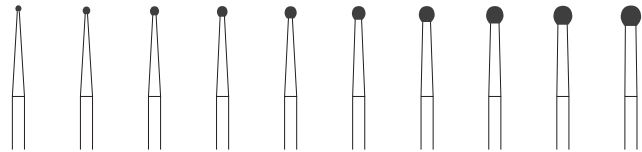
# T1



Shank													
	ISO	Order No.	Ø mm										
HP	500 104 001001 ...	<b>T1.104....</b>	005	006	008	010	012	014	016	018	021	023	027
RA	500 204 001001 ...	<b>T1.204....</b>	005	006	008	010	012	014	016	018	021	023	027
RAL	500 205 001001 ...	<b>T1.205....</b>		006		010		014	016	018		023	
FG	500 314 001001 ...	<b>T1.314....</b>	005	006	008	010	012	014	016	018	021	023	
FGXL	500 316 001001 ...	<b>T1.316....</b>			008	010	012	014	016	018		023	

Round plain cut  
Rosenbohrer

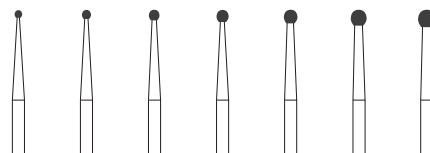
# T1S



Shank												
	ISO	Order No.	Ø mm									
RA	500.204.001003 ...	<b>T1S.204....</b>		010	012	014	016	018	021	023	025	027
RAL	500.205.001003 ...	<b>T1S.205....</b>		010		014		018		023		
FG	500.314.001003 ...	<b>T1S.314....</b>	008	010	012	014	016	018	021	023		
FGXL	500.316.001003 ...	<b>T1S.316....</b>		010	012	014	016	018				

Round X-cut  
Kugel Kreuzverzahnung

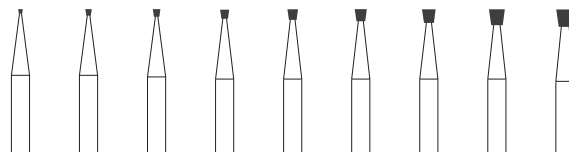
# T1SA



Shank											
	ISO	Order No.	Ø mm								
RA	500 204 001190 ...	<b>T1SA.204....</b>	010	012	014	016	018	021	023		
RAL	500 205 001190 ...	<b>T1SA.205....</b>	010	012	014	016	018	021	023		



Inverted cone  
Umgekehrter Kegel



## T2



Shank	Length mm	0,5	0,6	0,8	1,0	1,1	1,3	1,5	1,6	1,8	
	ISO	Order No.									
		Ø mm									
HP	500 104 010001 ...	<b>T2.104....</b>		008	010	012	014	016	018	021	023
RA	500 204 010001 ...	<b>T2.204....</b>			010	012	014	016			
FG	500 314 010001 ...	<b>T2.314....</b>	006	008	010	012	014	016	018		

Pear  
Birne

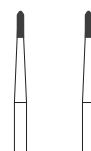


## T7



Shank	Length mm	1,1	1,2	1,3	1,4	1,6	1,9	2,2	
	ISO	Order No.							
		Ø mm							
RA	500 204 232001 ...	<b>T7.204....</b>			010		014	016	018
FG	500 314 232001 ...	<b>T7.314....</b>	008	009	010	012			

Pear long  
Birne lang

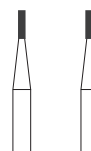


## T7L



Shank	Length mm	1,8	2,2
	ISO	Order No.	
		Ø mm	
RA	500 204 234006 ...	<b>T7L.204....</b>	010 012
FG	500 314 234006 ...	<b>T7L.314....</b>	010 012

Cylinder  
Zylinder



## T21



Shank	Length mm	3,8	3,8
	ISO	Order No.	
		Ø mm	
RA	500 204 107006 ...	<b>T21.204....</b>	010 012
FG	500 314 107006 ...	<b>T21.314....</b>	010 012



Cylinder long  
Zylinder lang



## T21L

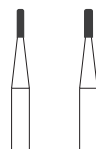


Shank	Length mm	6,0	
	ISO	Order No.	Ø mm
FG	500 314 110006 ...	T21L.314....	012

Cylinder round  
Zylinder rund



## T21R

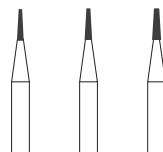


Shank	Length mm	3,8	3,8
	ISO	Order No.	Ø mm
FG	500 314 137006 ...	T21R.314....	010 012

Tapered  
Konisch



## T23

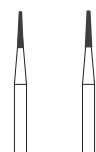


Shank	Length mm	4,2	4,2	4,2
	ISO	Order No.	Ø mm	
FG	500 314 168006 ...	T23.314....	009	010 012

Tapered long  
Konisch lang



## T23L

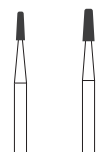


Shank	Length mm	4,9	4,9
	ISO	Order No.	Ø mm
FG	500 314 171006 ...	T23L.314....	009 010

Round end tapered  
Konisch rund



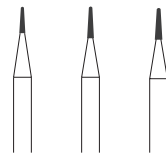
## T23R



Shank	Length mm	3,8	4,3
	ISO	Order No.	Ø mm
FG	500 314 194006 ...	T23R.314....	012 016



Round end tapered  
Konisch rund



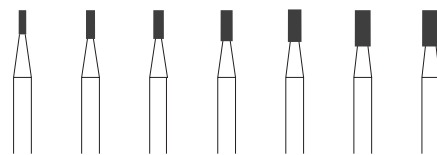
## T23SR



Shank	Length mm	3,4	4,2	4,2	
	ISO	Order No.	Ø mm		
HP	500 104 196006 ...	<b>T23SR.104....</b>	008	009	010



Cylinder cross cut  
Zylinder Querhieb



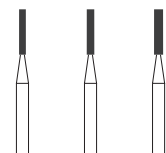
## T31



Shank	Length mm	3,2	3,8	3,8	4,1	4,3	4,8	4,8	
	ISO	Order No.	Ø mm						
HP	500 104 107007 ...	<b>T31.104....</b>	010	012	014	016	018	021	023
FG	500 314 107007 ...	<b>T31.314....</b>	010	012	014	016	018		



Cylinder long cross cut  
Zylinder lang Querhieb



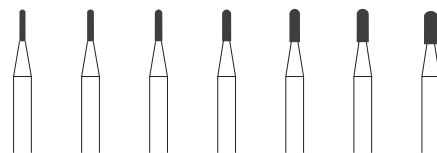
## T31L



Shank	Length mm	6,0	6,0	6,0	
	ISO	Order No.	Ø mm		
FG	500 314 110007 ...	<b>T31L.314....</b>	009	010	012



Cylinder round cross cut  
Zylinder rund Querhieb



## T31R



Shank	Length mm	4,2	4,2	4,2	4,2	4,4	4,4	4,4	
	ISO	Order No.	Ø mm						
HP	500 104 137007 ...	<b>T31R.104....</b>	008	009	010	012	014	016	018
FG	500 314 137007 ...	<b>T31R.314....</b>	008	009	010	012	014	016	018





Flat end taper cross cut  
Konus Querhieb



## T33

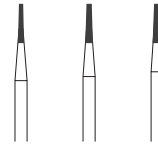


Shank	Length mm		3,4	3,7	4,0	4,3	4,6	4,9	5,2	5,5
	ISO	Order No.	Ø mm							
HP	500 104 168007 ...	<b>T33.104....</b>	008	009	010	012	014	016	018	021
RA	500 204 168007 ...	<b>T33.204....</b>	008	009	010	012	014	016	018	021
FG	500 314 168007 ...	<b>T33.314....</b>	008	009	010	012	014	016	018	

Flat end taper long cross cut  
Konus lang Querhieb



## T33L

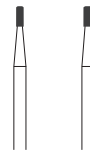


Shank	Length mm		5,2	5,2	5,2
	ISO	Order No.	Ø mm		
HP	500 104 171007 ...	<b>T33L.104....</b>	008	010	012
RA	500 204 171007 ...	<b>T33L.204....</b>	008	010	012
FG	500 314 171007 ...	<b>T33L.314....</b>	008	010	012
FGXL	500 206 171007 ...	<b>T33L.206....</b>	008	010	012

Pear  
Birne



## T245



Shank	Length mm		2,7	2,7
	ISO	Order No.	Ø mm	
FG	500 314 237006 ...	<b>T245.314....</b>	010	012



## TUNGSTEN CARBIDE CROWN CUTTER

Due to an optimal cutter geometry our crown cutters offer an optimum of sharpness, reliability and speed. The right tool for any use.

## HARTMETALL KRONENTRENNER

Unsere Kronentrenner bieten durch ihre optimale Schneidegeometrie jedem Anwender ein Optimum an Schärfe, Zuverlässigkeit und Schnelligkeit. Für jeden Fall das richtige Instrument.



Crown cutter  
Kronentrenner

### T32



Shank	Length mm	Order No.	Ø mm
ISO			
FG	500 314 137006 ...	<b>T32.314....</b>	012



Crown cutter  
Kronentrenner

### T32QT



Shank	Length mm	Order No.	Ø mm
ISO			
FG	500 314 137007 ...	<b>T32QT.314....</b>	012



Crown cutter  
Kronentrenner

## T34



Shank	Length mm	2,1	2,1
	ISO	Order No.	Ø mm
FG	500 314 138293 ...	<b>T34.314...</b>	010 012



Crown cutter  
Kronentrenner

## T34L



Shank	Length mm	3,5	3,5
	ISO	Order No.	Ø mm
FG	500 314 139293 ...	<b>T34L.314...</b>	010 012



Crown cutter  
Kronentrenner

## GT40

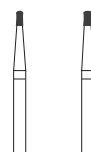


Shank	Length mm	3,5	3,5
	ISO	Order No.w	Ø mm
FG	500 314 137008 ...	<b>GT40.314...</b>	010 012



Crown cutter  
Kronentrenner

## T4SX



Shank	Length mm	2,0	2,0
	ISO	Order No.	Ø mm
FG	500 314 138019 ...	<b>T4SX.314...</b>	010 012



Crown cutter  
Kronentrenner

## T4L-SX



Shank	Length mm	3,5	3,5
	ISO	Order No.	Ø mm
FG	500 314 139019 ...	<b>T4L-SX.314...</b>	010 012



## SURGERY

Surgery burs are made of a high-quality tungsten carbide.  
The high-tech production of the cutting edges specify the quality of the instruments.

## CHIRURGIE

Chirurgiefräser werden aus hochwertigem Hartmetall gefertigt.  
Die hoch technische Fertigung der Schneiden zeichnen diese qualitativ hochwertigen Instrumente aus.

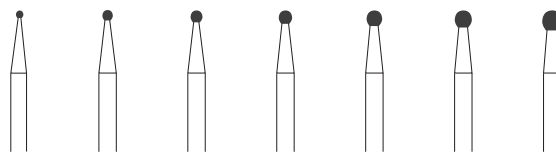
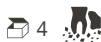




Bone cutter round  
Knochenfräser rund



# T141

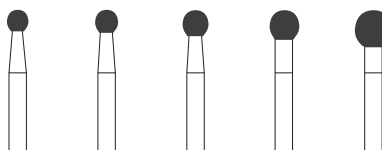


Shank	Length mm		Ø mm						
	ISO	Order No.	010	014	016	018	023	027	
HP	500 104 001291 ...	<b>T141.104....</b>	010	014	016	018		023	027
RAL	500 205 001291 ...	<b>T141.205....</b>	010	014	016	018		023	027
RAXL	500 206 001291 ...	<b>T141.206....</b>	010	014	016	018		023	027
FGXL	500 316 001291 ...	<b>T141.316....</b>	010	014	016	018	021	023	

Bone cutter round  
Knochenfräser rund



# T141

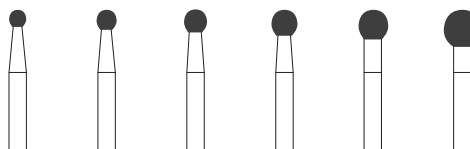


Shank	Length mm		Ø mm				
	ISO	Order No.	029	031	035	040	050
HP	500 104 001291 ...	<b>T141.104....</b>	029	031	035	040	050
RAL	500 205 001291 ...	<b>T141.205....</b>	029	031	035	040	050
RAXL	500 206 001291 ...	<b>T141.206....</b>	029	031	035	040	050

Bone cutter round/transverse section  
Knochenfräser rund mit Querhieb



# T141A



Shank	Length mm		Ø mm					
	ISO	Order No.	023	027	031	035	040	050
HP	500 104 001298 ...	<b>T141A.104....</b>	023	027	031	035	040	050
RAL	500 205 001298 ...	<b>T141A.205....</b>	023	027	031	035	040	050
RAXL	500 206 001298 ...	<b>T141A.206....</b>	023	027	031	035	040	050

Bone cutter round  
Zekrya



# T151



Shank	Length mm		11,0
	ISO	Order No.	Ø mm
FGL	500 315 001291 ...	<b>T151.315....</b>	015
FGXL	500 316 001291 ...	<b>T151.316....</b>	015

Diamond bone cutter  
Diamantierter Knochenfräser



# 8411G



Shank	Length mm		12,0	12,0	12,0
	ISO	Order No.	Ø mm		
RA	806 204 411534 ...	<b>8411G.204....</b>	016	018	021
FG	806 314 411534 ...	<b>8411G.314....</b>	016	018	021



Bone cutter - Lindemann  
Knochenfräser - Lindemann

## T161



Shank	Length mm		9,0
	ISO	Order No.	Ø mm
HP	500 104 408295 ...	<b>T161.104....</b>	016
RA	500 204 408295 ...	<b>T161.204....</b>	016
RAL	500 205 408295 ...	<b>T161.205....</b>	016
FGL	500 314 408295 ...	<b>T161.314....</b>	016



Bone cutter - Lindemann  
Knochenfräser - Lindemann

## T162



Shank	Length mm		9,0
	ISO	Order No.	Ø mm
HP	500 104 408297 ...	<b>T162.104....</b>	016
RA	500 204 408297 ...	<b>T162.204....</b>	016
RAL	500 205 408297 ...	<b>T162.205....</b>	016
FGL	500 314 408297 ...	<b>T162.314....</b>	016



Bone cutter  
Knochenfräser

## T162A



Shank	Length mm		10,0
	ISO	Order No.	Ø mm
HP	500 104 408298 ...	<b>T162A.104....</b>	016
RA	500 204 408298 ...	<b>T162A.204....</b>	016
RAL	500 205 408298 ...	<b>T162A.205....</b>	016
FGL	500 314 408298 ...	<b>T162A.314....</b>	016



Bone cutter - Lindemann  
Knochenfräser - Lindemann

## T163A



Shank	Length mm		6,0
	ISO	Order No.	Ø mm
HP	500 104 408298 ...	<b>T163A.104....</b>	014



Bone Cutter - Lindemann  
Knochenfräser - Lindemann

## T166

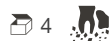


Shank	Length mm		10,0
	ISO	Order No.	Ø mm
HP	500 104 409297 ...	<b>T166.104....</b>	021
RA	500 204 409297 ...	<b>T166.204....</b>	021
RAL	500 205 409297 ...	<b>T166.205....</b>	021



Bone Cutter - Lindemann  
Knochenfräser - Lindemann

## T166A



Shank	Length mm		10,0
	ISO	Order No.	Ø mm
HP	500 104 409298 ...	<b>T166A.104....</b>	021
RA	500 204 409298 ...	<b>T166A.204....</b>	021
RAL	500 205 409298 ...	<b>T166A.205....</b>	021



Bone Cutter - Lindemann  
Knochenfräser - Lindemann

## T167



Shank	Length mm		10,0
	ISO	Order No.	Ø mm
HP	500 104 410297 ...	<b>T167.104....</b>	023
RA	500 204 410297 ...	<b>T167.204....</b>	023
RAL	500 205 410297 ...	<b>T167.205....</b>	023



Cutter for blade implants  
Fräser Blattimplantate

## T254



Shank	Length mm		6,0
	ISO	Order No.	Ø mm
FG	500 314 415296 ...	<b>T254.314....</b>	010
FGX	500 314 415296 ...	<b>T254L.314....</b>	010



Bone Cutter  
Knochenfräser

## T254A



Shank	Length mm		6,0
	ISO	Order No.	Ø mm
FG	500 314 415296 ...	<b>T254A.314....</b>	012
FGX	500 314 415296 ...	<b>T254L-A.314....</b>	012



Endo Bone Cutter  
Endo Knochenfräser

## T389



Shank	Length mm		6,0
	ISO	Order No.	Ø mm
HP	500 104 415296 ...	<b>T389.104....</b>	014
FG	500 314 415296 ...	<b>T389.314....</b>	014
FGXL	500 316 415296 ...	<b>T389.316....</b>	014

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# sw/ssdental

## Swiss Precision Instruments AG

Tiefenackerstrasse 49  
9450 Altstätten  
Switzerland

T +41 (0)7 1556 7788  
F +41 (0)7 1556 7780

[info@swissdental.net](mailto:info@swissdental.net)  
[www.swissdental.net](http://www.swissdental.net)