

# Chirurgie

Surgery | Cirugía

MEISINGER bietet für die Mund-, Kiefer- und Gesichtschirurgie eines der umfangreichsten Programme im Bereich der Chirurgiebohrer, Chirurgiefräser und Trepane an. Die optimierten Spezialkonstruktionen der Instrumente garantieren einen sicheren Einsatz und die schnelle Erreichung der gewünschten Arbeitsergebnisse.

MEISINGER offers one of the most extensive programs in the area of the Allport burs, Surgical cutters, and trephines. The optimized special construction of the instruments guarantee a safe application and speedy achievement for the desired working result.

Para la cirugía maxilo-facial-bucal MEISINGER ofrece uno de los surtidos más amplios con fresas „Allport“, Fresas quirúrgicas y con los trépanos. Los excelentes diseños especiales de los instrumentos garantizan una aplicación segura y rápida para alcanzar los resultados deseados.



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mejplant<sup>two</sup>

MEISINGER CHIRURGIEKATALOG  
seperat erhältlich

MEISINGER SURGICAL MANUAL  
seperately available

MEISINGER CATÁLOGO DE LA CIRUGÍA  
disponible separado

NanoBone<sup>®</sup>

CHIRURGIEFRÄSER AUS HARTMETALL | SURGICAL CUTTERS OF TUNGSTEN CARBIDE | FRESAS QUIRÚRGICAS DE CARBURO TUNGSTENO

Die besondere, schnittfreundige und effiziente Sägeverzahnung und der gezielt ausgerichtete Drillwinkel ermöglichen ein breites Einsatzgebiet der Instrumente im Rahmen der oralen Kieferchirurgie.

The special, easy-cutting and efficient saw gearing and the specifically selected angle of twist allow a wide field of application of the instruments within the field of oral surgery.

El dentado tipo sierra especial, con una alta eficacia de corte, y el ángulo de la hélice, con una orientación específica, permiten un amplio abanico de indicaciones de los instrumentos en el marco de la cirugía maxilofacial.

### HM 162A

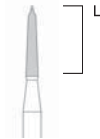


Fig.	Shank	Ref.-No.		2
			L mm	9,0
HM 162A	HP	500 <b>104</b> 408 298		016
	RA	500 <b>204</b> 408 298		016
	FG	500 <b>314</b> 408 298		016



### HM 162SL

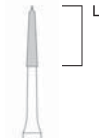


Fig.	Shank	Ref.-No.		2
			L mm	8,0
HM 162SL	HP	500 <b>104</b> 408 338		014
	FG	500 <b>314</b> 408 338		014



### HM 162SX

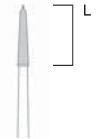


Fig.	Shank	Ref.-No.		2
			L mm	8,0
HM 162SX	FG	500 <b>314</b> 413 338		014



### HM 163A

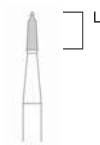


Fig.	Shank	Ref.-No.		2
			L mm	5,0
HM 163A	HP	500 <b>104</b> 406 298		014



### HM 166A

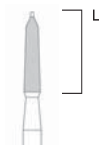


Fig.	Shank	Ref.-No.		2
			L mm	11,0
HM 166A	HP	500 <b>104</b> 409 298		021



### HM 254

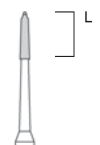


Fig.	Shank	Ref.-No.		2
			L mm	6,0
HM 254	HP	500 <b>104</b> 415 296		012
	FG XXL	500 <b>317</b> 415 296		012



### HM 254E

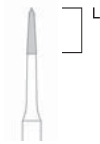


Fig.	Shank	Ref.-No.		2
			L mm	6,0
HM 254E	RA L	500 <b>205</b> 415 298		012



### HM 254LE

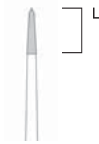


Fig.	Shank	Ref.-No.		2
			L mm	6,0
HM 254LE	FG	500 <b>314</b> 415 299		012



### HM 408M

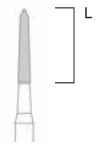


Fig.	Shank	Ref.-No.		2
			L mm	10,0
HM 408M	HP	500 <b>104</b> 409 338		016
	FG XL	500 <b>316</b> 409 338		016





## HM 161

Fig.	Shank	Ref.-No.		2
		L mm		11,0
HM 161	HP	500 <b>104</b> 408 295		018
	RA L	500 <b>205</b> 408 295		018
	FG XL	500 <b>316</b> 408 295		018



## HM 162

Fig.	Shank	Ref.-No.		2
		L mm		11,0
HM 162	HP	500 <b>104</b> 408 297		016
	RA L	500 <b>205</b> 408 297		016
	RA XL	500 <b>206</b> 408 297		016
	FG XL	500 <b>316</b> 408 297		016



## HM 163

Fig.	Shank	Ref.-No.		2
		L mm		5,0
HM 163	HP	500 <b>104</b> 406 297		014
	RA L	500 <b>205</b> 406 297		014



## HM 164

Fig.	Shank	Ref.-No.		2
		L mm		6,0
HM 164	HP	500 <b>104</b> 407 297		018
	RA L	500 <b>205</b> 407 297		018



## HM 165

Fig.	Shank	Ref.-No.		2
		L mm		7,0
HM 165	HP	500 <b>104</b> 408 297		023
	RA L	500 <b>205</b> 408 297		023



## HM 166

Fig.	Shank	Ref.-No.		2
		L mm		11,0
HM 166	HP	500 <b>104</b> 409 297		021
	RA L	500 <b>205</b> 409 297		021



## HM 167

Fig.	Shank	Ref.-No.		2
		L mm		11,0
HM 167	HP	500 <b>104</b> 410 297		023
	RA L	500 <b>205</b> 410 297		023



- Schonende chirurgische Knochenbearbeitung (z.B. Wurzelspitzenresektionen, Freilegen und Zertrennen retinierter Zähne, Präparieren eines Knochendeckels sowie zur generellen Osteotomie in Knochensubstanz)
- Zertrennung von Zahnhartsubstanz, insbesondere Zahnwurzeln
- Axiales Eindringen in den Knochen möglich (z.B. bei Wurzelspitzenresektion)
- Schnittfreudige Sägeverzahnung
- Bessere Sicht auf das Arbeitsfeld durch schlanken Hals
- Arbeitsteile mit reduziertem Durchmesser für schmale Osteotomien
- Sehr vibrationsarm aufgrund optimierter Rundlaufeigenschaften

- Conservative surgical bone treatment (i.e. apicectomies, exposure and cutting of impacted teeth, preparation of a bone flap as well as general osteotomy in bone substance)
- Cutting of hard tooth substance, in particular tooth roots
- Axial penetration of bone is possible (z.B. in apicectomies)
- Easy-cutting saw gearing
- Narrow neck offers better view of the field of work
- Working parts with reduced diameter for narrow osteotomies
- Extremely low vibration due to optimized smooth running properties

- Cuidadoso tratamiento quirúrgico del hueso (p. ej. apicectomías, exposición y separación de dientes impactados, preparación de un colgajo óseo y osteotomía general en el hueso)
- Seccionamiento de la sustancia dura del diente, especialmente las raíces
- Posibilidad de penetración axial en el hueso (p. ej. en la apicectomía)
- Dentado tipo sierra con alta eficacia de corte
- Mejor visibilidad del campo de trabajo gracias a su cuello estrecho
- Partes activas con diámetro reducido para osteotomías finas
- Nivel muy bajo de vibración gracias a una concentricidad optimizada



### HM 161RX

Fig.	Shank	Ref.-No.		2
		L mm		11,0
HM 161RX	HP	500 <b>104</b> 408 296		018
	RA L	500 <b>205</b> 408 296		018
	RA XL	500 <b>206</b> 408 296		018
	FG XL	500 <b>316</b> 408 296		018



Chirurgische Fräser, kreuzverzahnt | Surgical cutters, x-cut |  
Fresas quirúrgicas, dentado cruzado



### HM 166RX

Fig.	Shank	Ref.-No.		2
		L mm		11,0
HM 166RX	HP	500 <b>104</b> 409 296		021
	RA L	500 <b>205</b> 409 296		021
	RA XL	500 <b>206</b> 409 296		021



Chirurgische Fräser, kreuzverzahnt | Surgical cutters, x-cut |  
Fresas quirúrgicas, dentado cruzado



### 411G coarse

Fig.	Shank	Ref.-No.		2	2
		L mm		11,0	11,0
411G	RA	806 <b>204</b> 411 534		018	
	FG L	806 <b>315</b> 411 534		016	018



Chirurgische Fräser, diamantiert | Diamond surgical cutters |  
Fresas quirúrgicas de diamante



#### DRILLBOHRER AUS STAHL | STEEL DRILLS | BROCAS DE ACERO



### 202RF stainless steel



Fig.	Shank	Ref.-No.		5	5
		L mm		5,6	6,2
202RF	RA XL	330 <b>206</b> 455 361		008	010



#### SPIRALBOHRER, ROSTFREI | TWIST DRILLS, STAINLESS | TALADROS ESPIRALES, INOXIDABLES

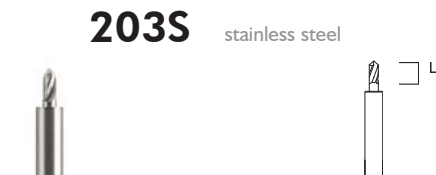


### 203RF stainless steel

Fig.	Shank	Ref.-No.		2	2	2	2	2	2
		L mm		7,0	7,0	7,0	7,0	9,0	9,0
203RF	RA L	330 <b>205</b> 417 364		005	006	007	008	009	011



According to Dr. Istvan Urban



### 203S stainless steel

Fig.	Shank	Ref.-No.		2
		L mm		3,0
203S	RA	330 <b>204</b> 449 336		012



## CHIRURGIEFRÄSER AUS STAHL | SURGICAL CUTTERS OF STEEL | FRESAS QUIRÚRGICAS DE ACERO

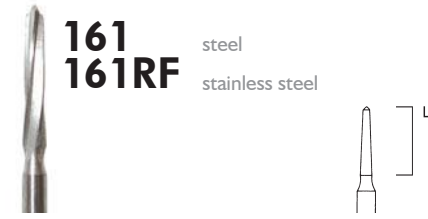

**161** steel  
**161RF** stainless steel

Fig.	Shank	Ref.-No.		2
				L mm 9,0
161	FG XL	310 <b>316</b> 408 295		016
161RF	HP	330 <b>104</b> 408 295		016
	FG XL	330 <b>316</b> 408 295		016


**162** steel  
**162RF** stainless steel

Fig.	Shank	Ref.-No.		2
				L mm 9,0
162	RA L	310 <b>205</b> 408 297		016
	FG XL	310 <b>316</b> 408 297		016
162RF	HP	330 <b>104</b> 408 297		016
	RA L	330 <b>205</b> 408 297		016
	FG XL	330 <b>316</b> 408 297		016


**163** steel  
**163RF** stainless steel

Fig.	Shank	Ref.-No.		2
				L mm 5,0
163	HP	310 <b>104</b> 406 297		014
	RA L	310 <b>205</b> 406 297		014
163RF	HP	330 <b>104</b> 406 297		014
	RA L	330 <b>205</b> 406 297		014

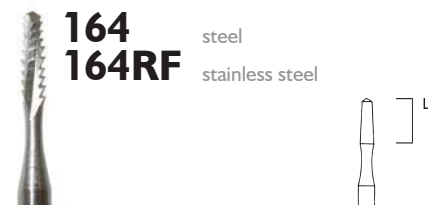

**164** steel  
**164RF** stainless steel

Fig.	Shank	Ref.-No.		2
				L mm 6,0
164	HP	310 <b>104</b> 407 297		018
	RA L	310 <b>205</b> 407 297		018
164RF	HP	330 <b>104</b> 407 297		018
	RA L	330 <b>205</b> 407 297		018

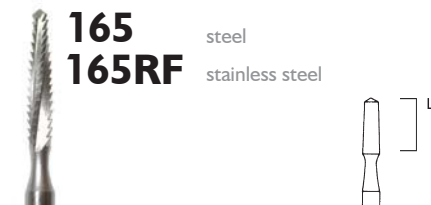

**165** steel  
**165RF** stainless steel

Fig.	Shank	Ref.-No.		2
				L mm 7,0
165	HP	310 <b>104</b> 408 297		023
	RA L	310 <b>205</b> 408 297		023
165RF	HP	330 <b>104</b> 408 297		023
	RA L	330 <b>205</b> 408 297		023


**166** steel  
**166RF** stainless steel

Fig.	Shank	Ref.-No.		2
				L mm 10,0
166	HP	310 <b>104</b> 409 297		021
	RA L	310 <b>205</b> 409 297		021
166RF	HP	330 <b>104</b> 409 297		021
	HP XL	330 <b>106</b> 409 297		021 <sup>2</sup>
	RA L	330 <b>205</b> 409 297		021

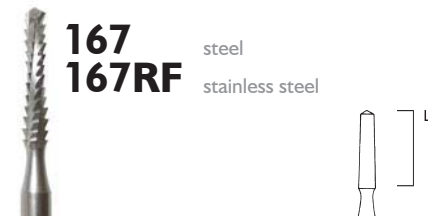

**167** steel  
**167RF** stainless steel

Fig.	Shank	Ref.-No.		2
				L mm 10,0
167	HP	310 <b>104</b> 410 297		023
	RA L	310 <b>205</b> 410 297		023
167RF	HP	330 <b>104</b> 410 297		023
	HP XL	330 <b>106</b> 410 297		023 <sup>2</sup>
	RA L	330 <b>205</b> 410 297		023

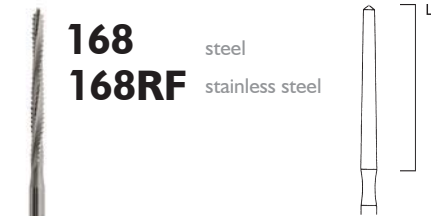

**168** steel  
**168RF** stainless steel

Fig.	Shank	Ref.-No.		1
				L mm 22,0
168	HP L	310 <b>105</b> 411 297		023
168RF	HP L	330 <b>105</b> 411 297		023
	RA XL	330 <b>206</b> 411 297		023

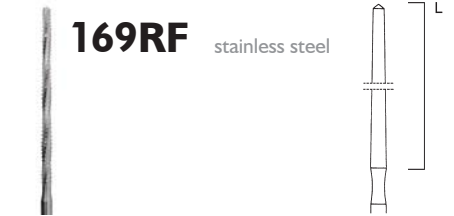

**169RF** stainless steel

Fig.	Shank	Ref.-No.		1
				L mm 35,0
169RF	HP XL	330 <b>106</b> 412 297		023


**186RF**

Fig.	Shank	Ref.-No.		5
				L mm 12,0
186RF	HP	330 <b>104</b> 684 377		018
	RA	330 <b>204</b> 684 377		018


 Vorkörner, Stahl rostfrei | Initial bur, stainless steel |  
 Fresa inicial, acero inoxidable

**187RF**

Fig.	Shank	Ref.-No.		5
				L mm 12,0
187RF	RA	330 <b>204</b> 685 377		018


 Vorkörner mit Stop, Stahl rostfrei | Initial bur with Stop,  
 stainless steel

<sup>1</sup> Nur RF | Only RF | Solo RF

CHIRURGIE-KUGELFRÄSER, HARTMETALL | SURGICAL ROUND DRILL, TUNGSTEN CARBIDE | FRESA QUIRÚRGICAS ESFÉRICA, CARBURO TUNGSTENO

### HM 141

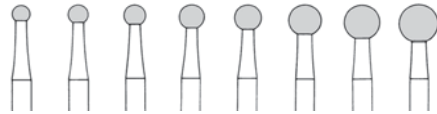


Fig.	Shank	Ref.-No.		2	2	2	2	2	2	2	2
HM 141	HP	500 <b>104</b> 001 291		023	025	027	031	035	040	045	050
	RA	500 <b>204</b> 001 291		023	025	027	031	035	040		
	RA L	500 <b>205</b> 001 291		023	025	027	031	035	040		



Hartmetall, 6 Schneiden | Tungsten carbide, 6 blades | Carbuero, 6 laminas

### HM 141A

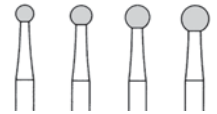


Fig.	Shank	Ref.-No.		2	2	2	2
HM 141A	HP	500 <b>104</b> 001 298		023	027	031	035
	RA L	500 <b>205</b> 001 298		023	027	031	035
	RA XL	500 <b>206</b> 001 298		023	027	031	035



Hartmetall, querhiebverzahnt, 8-10 Schneiden | Tungsten carbide, cross cut, 8-10 blades | Carbuero, dentado transversal, 8-10 laminas

### HM 141F

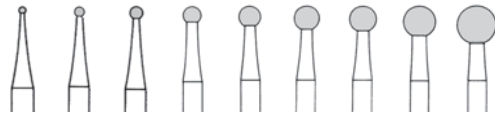


Fig.	Shank	Ref.-No.		2	2	2	2	2	2	2	2	
HM 141F	HP	500 <b>104</b> 001 251		010	014	018	023	027	031	035	040	050
	RA L	500 <b>205</b> 001 251		010	014	018	023	027	031	035	040	050
	RA XL	500 <b>206</b> 001 251		010	014	018	023	027	031	035	040	050



Hartmetall fein, Laserung am Schaft: TC Fine, 8-10 Schneiden | Tungsten carbide fine, Lasered on shank: TC Fine, 8-10 blades | Carbuero fino, Grabado con láser en el mango: TC Fine, 8-10 laminas

CHIRURGIE-KUGELFRÄSER, STAHL | SURGICAL ROUND DRILL, STEEL | FRESA QUIRÚRGICAS ESFÉRICA, ACERO

### 141RF stainless steel

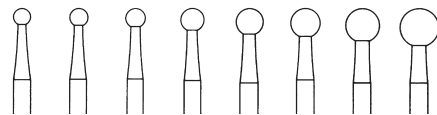


Fig.	Shank	Ref.-No.		2	2	2	2	2	2	2	
141RF	HP	330 <b>104</b> 001 291		023	025	027	031	035	040	045	050
	HP XL	330 <b>106</b> 001 295					031*		040*		050*
	RA	330 <b>204</b> 001 291		023		027	031	035	040		
	RA XL	330 <b>206</b> 001 291		023		027	031				



6 Schneiden, Laserung am Schaft: Stainless | 6 cutting edges, lasered on shank: stainless | 6 filos, grabado con láser en el mango: stainless

\* = 1

## SINUS PRÄPARATION, DIAMANTIERT | SINUS PREPARATION, DIAMOND | PREPARACIÓN DEL SENO, DIAMANTADA


**801**

 801H  
801G  
801C

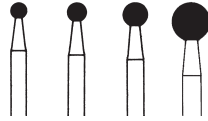
 medium  
super coarse  
coarse  
extra fine


Fig.	Shank	Ref.-No.		5	5	5	2
801	HP	806 104 001 524		023	027	033	050
801H	HP	806 104 001 544					050
801G	HP	806 104 001 534		023		033	050
801C	HP	806 104 001 504		023			



## FRÄSER, HARTMETALL | CUTTERS, TUNGSTEN CARBIDE | FRESAS DE CARBURO TUNGSTENO


**HM 1T**


Fig.	Shank	Ref.-No.		2
HM 1T	HP	500 104 697 291		023
	RA L	500 205 697 291		023

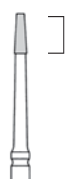

**HM 33T**


Fig.	Shank	Ref.-No.		2
				L mm 5,2
HM 33T	HP	500 104 415 296		016
	RA L	500 205 415 296		016


**HM 33IL**


Fig.	Shank	Ref.-No.		5
				L mm 5,5
				<b>US-No.</b> 700XXL
HM 33IL	RA L	500 205 415 007		010
	FG XL	500 316 415 007		010



Implantationsbohrer | Implant bur | Fresa para implante

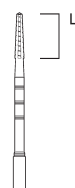

**HM 34IL**


Fig.	Shank	Ref.-No.		5
				L mm 6,0
HM 34IL	FG XXL	500 317 415 007		012



Implantationsbohrer | Implant bur | Fresa para implante

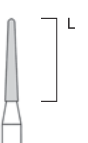

**HM 151**


Fig.	Shank	Ref.-No.		2
				L mm 10,7
HM 151	FG XL	500 316 199 295		016
HM 151	FG XXL	500 317 199 295		016

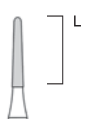

**HM 152**


Fig.	Shank	Ref.-No.		2
				L mm 9,0
HM 152	FG L	500 315 210 295		014

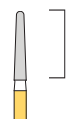
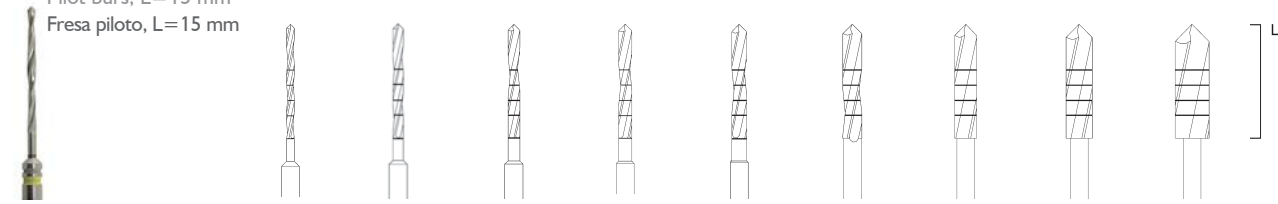

**HM G152**


Fig.	Shank	Ref.-No.		2
				L mm 9,1
HM G152	FG L	504 315 210 295		016



PILOTBOHRER | PILOT BURS | FRESAS PILOTO

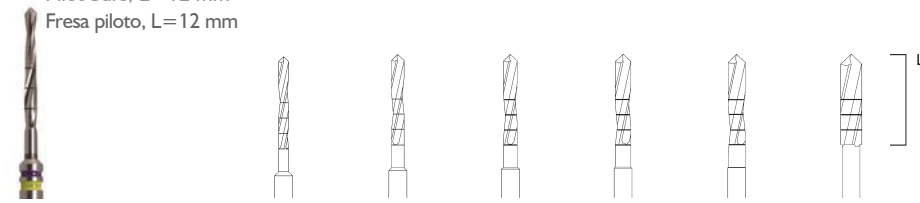
Pilotbohrer, L= 15 mm  
 Pilot burs, L= 15 mm  
 Fresa piloto, L= 15 mm



Shank	Fig.	A1001	B1001	C1001	D1001	E1001	F1001	G1001	H1001	I1001
RA XL		1,00	1,30	1,50	1,80	2,00	2,50	3,00	3,50	4,60
		1	1	1	1	1	1	1	1	1



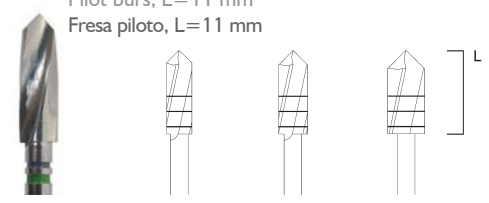
Pilotbohrer, L= 12 mm  
 Pilot burs, L= 12 mm  
 Fresa piloto, L= 12 mm



Shank	Fig.	A2001	B2001	C2001	D2001	E2001	F2001
RA L		1,30	1,60	1,80	2,00	2,20	2,80
		1	1	1	1	1	1



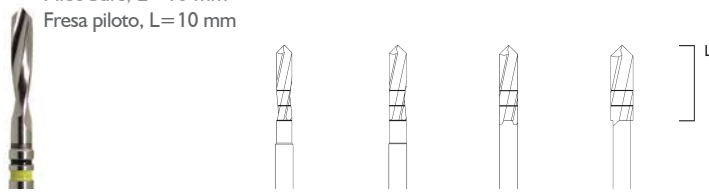
Pilotbohrer, L= 11 mm  
 Pilot burs, L= 11 mm  
 Fresa piloto, L= 11 mm



Shank	Fig.	G2001	H2001	I2001
RA L		3,40	3,90	4,90
		1	1	1



Pilotbohrer, L= 10 mm  
 Pilot burs, L= 10 mm  
 Fresa piloto, L= 10 mm



Shank	Fig.	C3001	D3001	E3001	F3001
RA L		2,00	2,20	2,40	2,90
		1	1	1	1



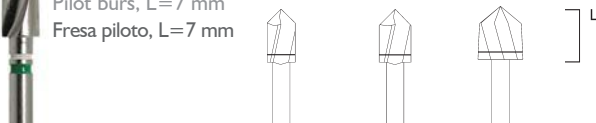
Pilotbohrer, L= 18 mm  
 Pilot bur, L= 18 mm  
 Fresa piloto, L= 18 mm



Shank	Fig.	BF001
RA XL		1,00
		1



Pilotbohrer, L= 7 mm  
 Pilot burs, L= 7 mm  
 Fresa piloto, L= 7 mm



Shank	Fig.	G4001	H4001	I4001
RA		3,70	4,20	5,30
		1	1	1



**TREPANE | TREPHINES | TRÉPANOS**

Nenngröße = Innendurchmesser | nominal size = internal diameter | tamaño nominal = diámetro interno

$\varnothing < 045$	$\leq 200-1000$ min <sup>-1</sup>	$\varnothing \geq 045$	$\leq 200-400$ min <sup>-1</sup>
---------------------	--------------------------------------	------------------------	-------------------------------------

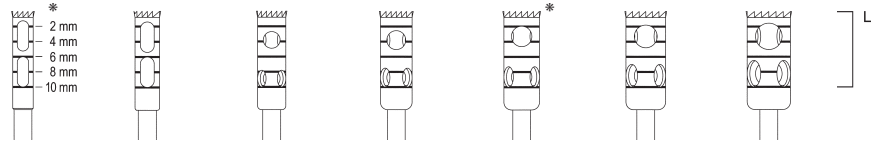
**229** stainless steel


Fig.	Shank	Ref.-No.		1	1	1	1	1	1	1
			L mm	10,0	10,0	10,0	10,0	10,0	10,0	10,0
				3,00	3,50	4,00	4,50	5,00	5,50	6,00
				2,00	2,50	3,00	3,50	4,00	4,50	5,00
<b>229</b>	RA L	330 <b>205</b> 486 001		020	025	030	035	040	045	050

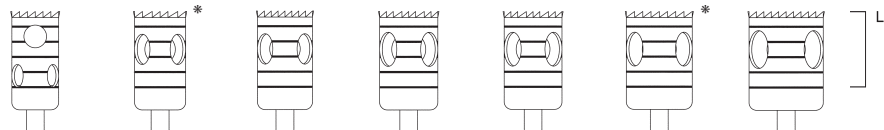


Fig.	Shank	Ref.-No.		1	1	1	1	1	1	1
			L mm	10,0	10,0	10,0	10,0	10,0	10,0	10,0
				6,50	7,00	7,50	8,00	8,50	9,00	10,00
				5,50	6,00	6,50	7,00	7,50	8,00	9,00
<b>229</b>	RA L	330 <b>205</b> 486 001		055	060	065	070	075	080	090

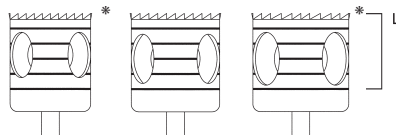


Fig.	Shank	Ref.-No.		1	1	1
			L mm	10,0	10,0	10,0
				11,00	12,00	13,00
				10,00	11,00	12,00
<b>229</b>	RA L	330 <b>205</b> 486 001		100	110	120



\* im Trephine Basic Kit 7120 enthalten  
 \* contained in the Trephine Basic Kit 7120  
 \* figuran en el Trephine Basic Kit 7120

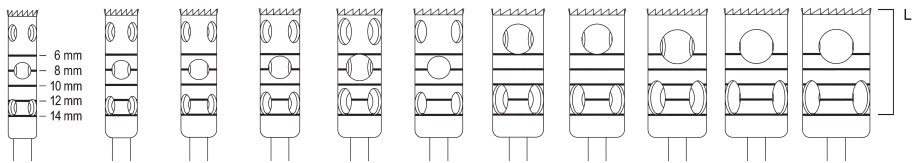
**229L** stainless steel


Fig.	Shank	Ref.-No.		1	1	1	1	1	1	1	1	1	1	1	1
			L mm	14,0	14,0	14,0	14,0	14,0	14,0	14,0	14,0	14,0	14,0	14,0	14,0
				4,00	4,50	5,00	5,50	6,00	6,50	7,00	7,50	8,00	8,50	9,00	
				3,00	3,50	4,00	4,50	5,00	5,50	6,00	6,50	7,00	7,50	8,00	
<b>229L</b>	RA L	330 <b>205</b> 555 001		030	035	040	045	050	055	060	065	070	075	080	



### 229XL stainless steel

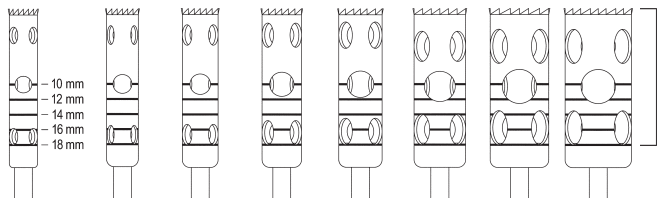


Fig.	Shank	Ref.-No.		1	1	1	1	1	1	1	1
				L mm	18,0	18,0	18,0	18,0	18,0	18,0	18,0
					4,00	4,50	5,00	5,50	6,00	7,00	8,00
					3,00	3,50	4,00	4,50	5,00	6,00	7,00
<b>229XL</b>	RA L	330 <b>205</b> 556 001		030	035	040	045	050	060	070	080



### 224RF stainless steel

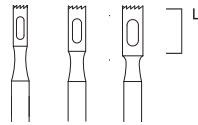


Fig.	Shank	Ref.-No.		2	2	2	
				L mm	5,4	6,0	6,6
					1,85	2,3	2,7
					1,4	1,8	2,1
<b>224RF</b>	HP	330 <b>104</b> 485 001		018	023	027	



### 227RF stainless steel

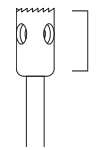


Fig.	Shank	Ref.-No.		2	
				L mm	9,0
					5,0
					4,0
<b>227RF</b>	HP	330 <b>104</b> 485 001		050	



## SCHLEIMHAUTSTANZEN | TISSUE PUNCHES | PUNZONES DE MUCOSA

### 223RF stainless steel

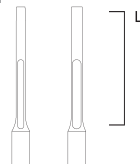


Fig.	Shank	Ref.-No.		2	2
				L mm	15,0
					1,1
					1,0
<b>223RF</b>	HP	330 <b>104</b> 479 373		008	010



### 225 stainless steel

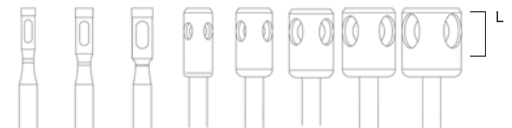


Fig.	Shank	Ref.-No.		2	2	2	1	1	1	1	1
				L mm	5,3	4,5	4,9	6,0	6,0	6,0	6,0
					1,85	2,3	2,7	3,7	4,7	5,7	6,7
					1,4	1,8	2,1	3,0	4,0	5,0	6,0
<b>225</b>	HP	330 <b>104</b> 485 373		014	018	021					
	RA	330 <b>204</b> 485 373					030*	040*	050*	060*	070*



## DIAMANTIERTE OSTEOTOMIE SÄGEN | DIAMOND COATED OSTEOTOMY SAWS | SIERRAS DE OSTEOTOMÍA DIAMANTADAS

### 231DC extra fine

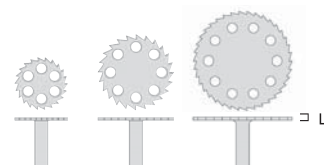


Fig.	Shank	Ref.-No.		1	1	1
				L mm	0,3	0,3
<b>231DC</b>	HP	806 <b>104</b> 064 504		070	100	
	RA	806 <b>204</b> 064 504		070*	100*	130*



Osteotomie-Säge für Chirurgie | Osteotomy saw for surgery | Sierra de osteotomía para cirugía

\* im Saw Basic Kit 7150 enthalten \* contained in the Saw Basic Kit 7150 \* figuran en el Saw Basic Kit 7150

### 943DC extra fine

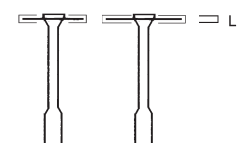


Fig.	Shank	Ref.-No.		1	1
				L mm	0,15
<b>943DC</b>	HP	806 <b>104</b> 361 504		080	100
	RA	806 <b>204</b> 361 504		080	
	FG L	806 <b>315</b> 361 504			100



Super flexibel | Super flexible | Super flexible

## SPREADER | SPREADER | SPREADER

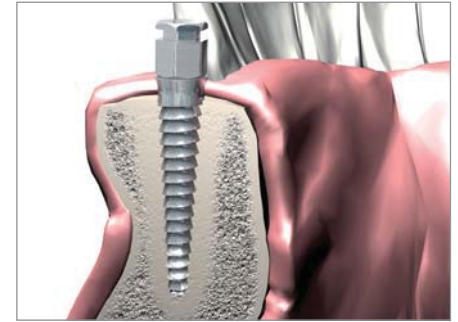
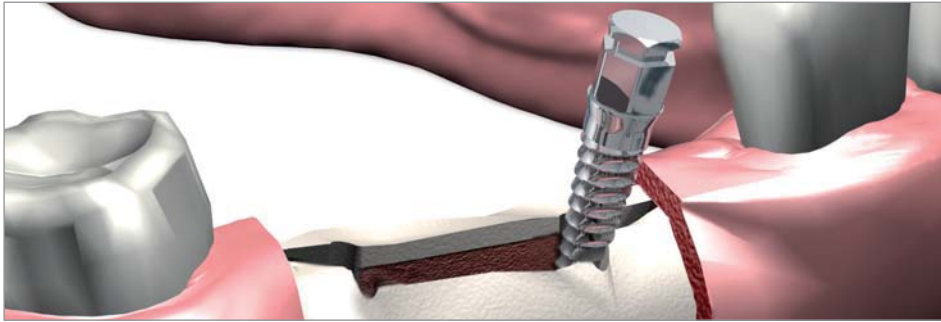

 Spreader, L= 15 mm  
 Spreader, L= 15 mm  
 Spreader, L= 15 mm


Fig.	A1005	B1005	C1005	D1005	E1005	F1005
	2,70	2,90	3,10	3,30	3,50	4,00
	1,43	1,64	1,84	2,05	2,26	2,79
	1	1	1	1	1	1

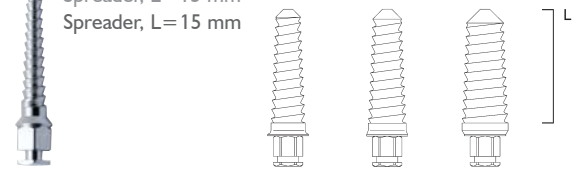

 Spreader, L= 15 mm  
 Spreader, L= 15 mm  
 Spreader, L= 15 mm


Fig.	G1005	H1005	I1005
	4,50	5,00	6,00
	3,28	3,80	4,85
	1	1	1

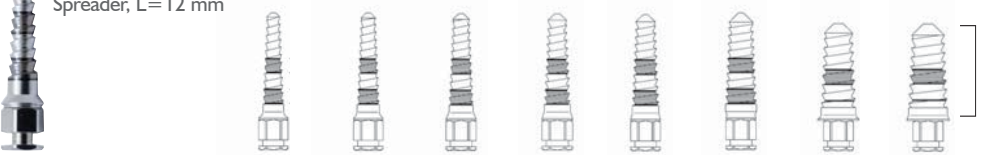

 Spreader, L= 12 mm  
 Spreader, L= 12 mm  
 Spreader, L= 12 mm


Fig.	A2005	B2005	C2005	D2005	E2005	F2005	G2005	H2005
	2,70	2,90	3,10	3,30	3,50	4,00	4,50	5,00
	1,70	1,91	2,12	2,33	2,54	3,06	3,65	4,17
	1	1	1	1	1	1	1	1

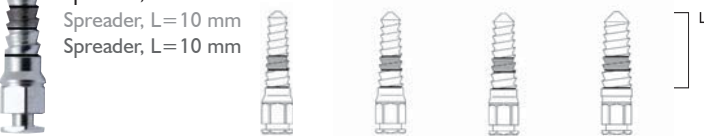

 Spreader, L= 10 mm  
 Spreader, L= 10 mm  
 Spreader, L= 10 mm


Fig.	C3005	D3005	E3005	F3005
	3,10	3,30	3,50	4,00
	2,30	2,51	2,72	3,24
	1	1	1	1

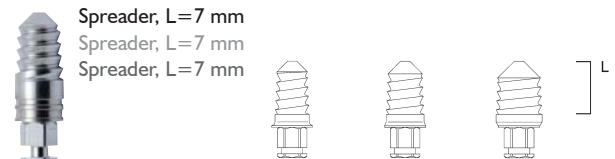

 Spreader, L= 7 mm  
 Spreader, L= 7 mm  
 Spreader, L= 7 mm


Fig.	G4005	H4005	I4005
	4,50	5,00	6,00
	4,01	4,53	5,58
	1	1	1



GINGIVATRIMMER | GINGIVA TRIMMER | PULIDORES PARA GINGIVECTOMÍA



Gingivatrimmer zur schonenden Erweiterung der Gingiva – auch an schwer erreichbaren Stellen. Anwendung immer ohne Kühlwasser bzw. -spray! 300.000 - 500.000 min<sup>-1</sup>

Gingiva trimmer for the gentle dilatation of the gingiva – also in areas which are difficult to reach. To be used without any water / spray-cooling! 300,000 - 500,000 rpm

Pulidores para gingivectomía que sirven para la extensión de forma cuidadosa de la gingiva – también en espacios de acceso difíciles ¡Aplicación siempre sin irrigación o spray! 300.000 - 500.000 rpm

**GT48L**



Fig.	Shank	Ref.-No.		1
			L mm	5,0
GT48L	FG	700 314 287 484		016



**GT135**



Fig.	Shank	Ref.-No.		1
			L mm	8,0
GT135	FG	700 314 161 484		016



HALS-, NASEN-, OHREN-CHIRURGIE | EAR, NOSE, THROAT SURGERY | OTORRINOLARINGOLOGÍA

MEISINGER bietet für die Hals-, Nasen- und Ohrenchirurgie eine Vielzahl unterschiedlicher Spezialinstrumente aus verschiedenen Materialien (Stahl, Hartmetall, Diamant) an. Um den gezielten Einsatz in der Chirurgie sicherzustellen, stehen die Instrumente in den Schaftlängen von 70 mm bis 125 mm zur Verfügung.

For Ear, Nose, and Throat Surgery, MEISINGER offers a multitude of different special instruments made of various materials (steel, tungsten carbide, diamond). To guarantee the specific application in surgery, the instruments are available in a shank length from 70 mm to 125 mm.

MEISINGER ofrece una gran variedad de instrumentos especiales de diferentes materiales (acero, carburo, diamante) para la cirugía O.R.L.. Para asegurar la aplicación idónea están a disposición los instrumentos de longitudes de 70 a 125 mm.

Diamantinstrumente | Diamond Instruments | Instrumentos de diamante



**242** medium

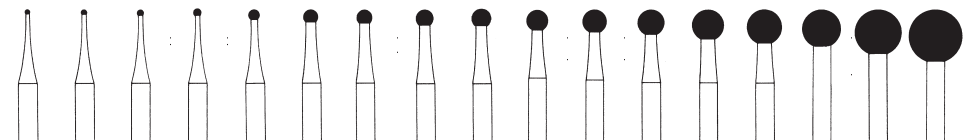


Fig.	Shank	Ref.-No.		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
242	HP XL	806 106 001 524		006	007	008	010	015	018	020	023	025	027	030	035	040	045	050	060	070



Kurzer Hals | Short neck | Cuello corto

## LH242 medium

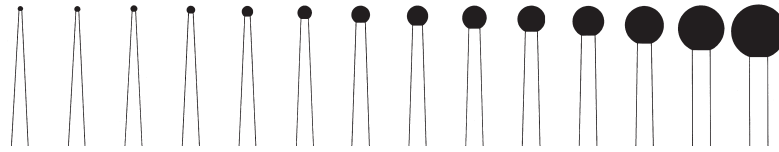


Fig.	Shank	Ref.-No.		1	1	1	1	1	1	1	1	1	1	1	1	1	
LH242	HP XL	806 106 698 524		006	007	008	010	014	018	023	027	031	035	040	050	060	070



Langer Hals | Long neck | Cuello largo

RF Stahlinstrumente | Steel Instruments, RF, Stainless | Instrumentos de acero inox. RF

## 236RF stainless steel

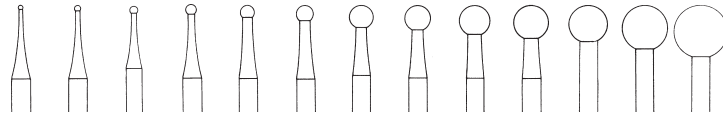


Fig.	Shank	Ref.-No.		1	1	1	1	1	1	1	1	1	1	1	1	1
236RF	HP XL	330 106 001 291		006	008	010	014	018	023	031	035	040	045	050	060	070



HNO-Bohrer | E.N.T. burs | Fresas O.R.L.

Hartmetallinstrumente | Tungsten Carbide Instruments | Instrumentos de carburo tungsteno

## HM 236

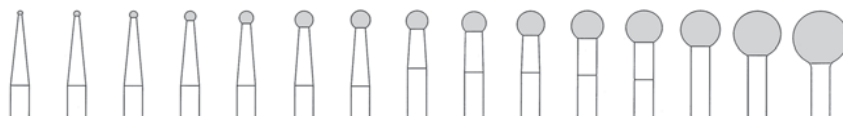


Fig.	Shank	Ref.-No.		1	1	1	1	1	1	1	1	1	1	1	1	1		
HM 236	HP XL	500 106 001 291		006	008	010	014	018	023	025	027	030	035	040	045	050	060	070



HNO-Bohrer | E.N.T. burs | Fresas O.R.L.

## HM 236G

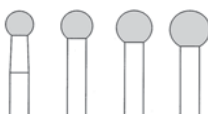


Fig.	Shank	Ref.-No.		1	1	1	1
HM 236G	HP XL	500 106 001 331		035	040	045	050



HNO-Bohrer, grob | E.N.T. burs, coarse | Fresas O.R.L., grueso

INNENGEKÜHLTE INSTRUMENTE | INTERNALLY COOLED INSTRUMENTS | INSTRUMENTOS DE IRRIGACIÓN INTERNA

Chirurgische Fräser mit Innenkühlung, rostfrei, nach Kirschner. Spezialantriebe erforderlich (z.B. KaVo, W&H, Micro-Mega).  
 Innengekühlte Produkte und andere Produkte mit Lumen (Kanäle, Bohrungen, etc.):  
 - aktives Durchspülen der Lumen während der Vorreinigung und der manuellen Reinigung und Desinfektion  
 - Produkte mit nicht durchgängigen Lumen dürfen nicht weiter verwendet werden

Stainless surgical cutters with internal cooling system according to Kirschner. Special handpieces necessary (e.g. KaVo, W&H, Micro-Mega).  
 Products equipped with a conduit to supply a cooling medium and other products with lumens (canals, drillings etc.):  
 - Actively rinse the lumen during pre-cleaning and manual cleaning and disinfection process  
 - Products containing lumens without feed-through channels must not be re-used

Fresas quirúrgicas con refrigeración interna, de inoxidable, según Kirschner. Se requiere una pieza de mano especial (por ejemplo: KaVo, W&H, Micro-Mega).  
 Productos refrigerados internamente y otros productos con cavidades (canales, orificios, etc.):  
 - Enjuagar activamente las cavidades durante la limpieza previa y la limpieza manual y la desinfección.  
 - Está prohibido seguir utilizando los productos que tengan las cavidades obturadas.

**81IC** stainless steel







Fig.	Shank	Ref.-No.		1	1
81IC	RA XL	330 206 007 172		030	040



**167IC** stainless steel

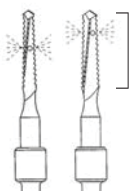




Fig.	Shank	Ref.-No.		1	1
				L mm	10,0
167IC	RA XL	330 206 404 297		018	023



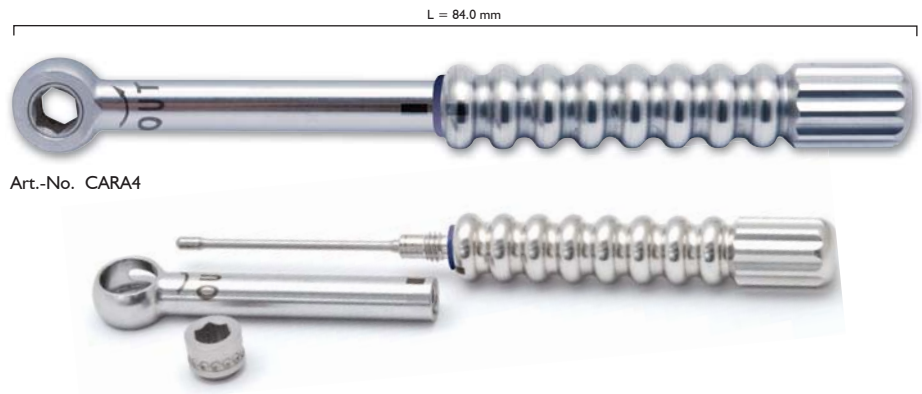
RATSCHEN | RATCHETS | CARRACAS

Ratsche | Ratchet | Carraca

Diese Ratsche wurde konzipiert, um Drehmomente bis zu 70 Ncm zu übertragen. Zerlegbar zur einfachen und sicheren Reinigung.

This ratchet was designed to transfer turning moments up to 70 Ncm. Can be disassembled for simple and safe cleaning.

La presente carraca ha sido diseñada para soportar hasta 70 Ncm de fuerza. Des-montable para una limpieza simple y segura

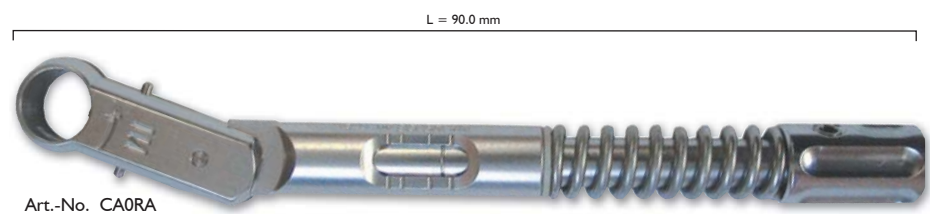


Universelle Drehmoment-Ratsche | Universal Torque Ratchet | Carraca de torque universal

Drehmoment-Ratsche zum Eindrehen und Ausdrehen von Schrauben mit definiertem Drehmoment im Dentalbereich. In Blockierstellung lassen sich größere Drehmomente übertragen, z. B. Eindrehen von Implantaten und Lösen von Verschraubungen.

Torque ratchet for inserting and removing screws with a defined torque in the field of dentistry. When the ratchet is locked, greater torque can be applied, both for inserting implants and releasing stubborn screws.

Llave de toque para atornillar y desatornillar piezas dentales con momento de torsión definido. En posición de bloqueo admite latransmisión de momentos de torsión más elevados, por ejemplo atornillar implantes y retirar uniones roscadas.



## BV025

Bohrerverlängerung  
Drill extension  
Extensión de fresa

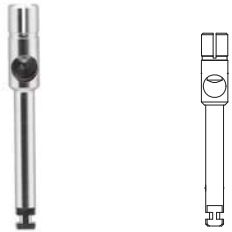


Fig. **BV025**

1



## CA1RB

Adapter für Ratschen (CARA4)  
Adapter for ratchets (CARA4)  
Adaptadores para carracas (CARA4)

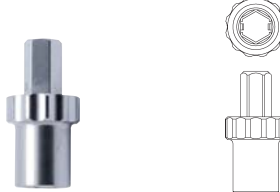


Fig. **CA1RB**

Size short

1



## CA0RB

Adapter für Ratschen (CARA4)  
Adapter for ratchets (CARA4)  
Adaptadores para carracas (CARA4)

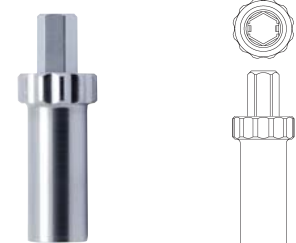


Fig. **CA0RB**

Size long

1



## CA1RA

Adapter für Universal Torque Ratchet (CA0RA)  
Adapter for Universal Torque Ratchet (CA0RA)  
Adaptadores para Carraca de torque universal (CA0RA)



Fig. **CA1RA**

1



## CA8RA

Adapter für Spreader  
Adapter for spreader  
Adaptadores para spreader



Fig. **CA8RA**

Size short

1



## CA9RA

Adapter für Spreader  
Adapter for spreader  
Adaptadores para spreader



Fig. **CA9RA**

Size long

1

