

DIAPLUS[®]

FG DIAMOND INSTRUMENTS



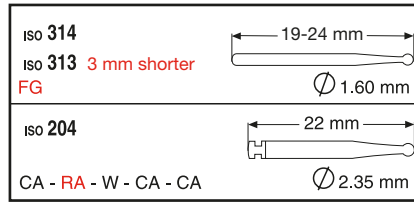
PARTNER AG

SWITZERLAND
SWISS DENTAL DIAMONDS

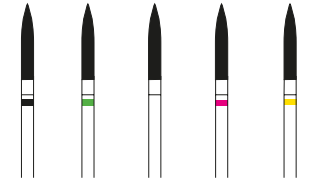
RA PERIO ISO 204



REF.-No	P368L	P868L	P368XL	P868XL
ISO x 1/10 mm	014	014	014	014
Fig.-No ISO	258	267	259	268
Head L mm	5	7	5	7
Grit-size				
ISO 204	RA	RA	RA	RA
Prices P	20	20	20	20

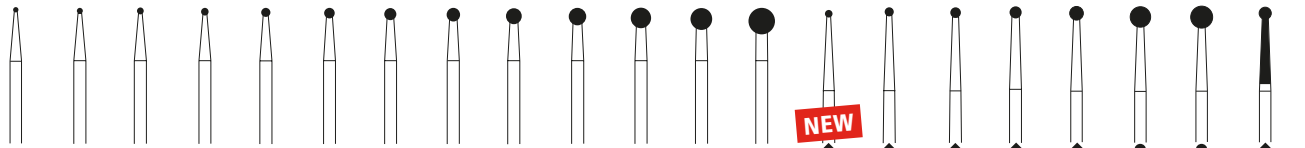


FG STANDARD ISO 314



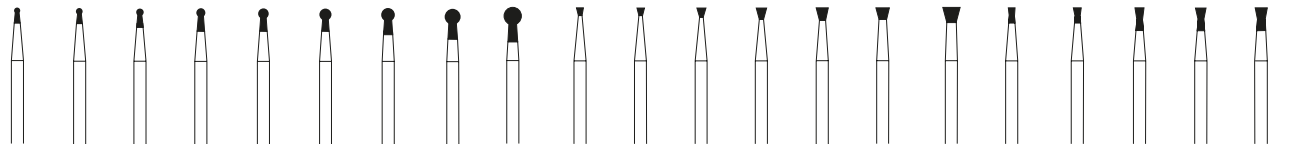
REF.-No	SG863	G863	863	F863	C863
ISO x 1/10 mm	016	016	016	016	016
Fig.-No ISO	250	250	250	250	250
Head L mm	10	10	10	10	10
Grit-size					
ISO 313 Short					
Prices P	4	4	4	4	4

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REF.-No	801	801	801	801	801	801	801	801	801	801	801	801	801	801L	801L	801L	801L	801L	801L	801L	801L	801LE
ISO x 1/10 mm	007	008	009	010	012	014	016	018	021	023	027	029	035	010	012	014	016	018	027	029	014	014
Fig.-No ISO	001	001	001	001	001	001	001	001	001	001	001	001	001	697	697	697	697	697	697	697	697	697E
Head L mm																						10
Grit-size																						
ISO 313 Short		S	S	S	S	S	S	S	S													
Prices P	1	1	1	1	1	1	1	1	2	2	3	4	5	1	1	1	1	1	3	4	4	

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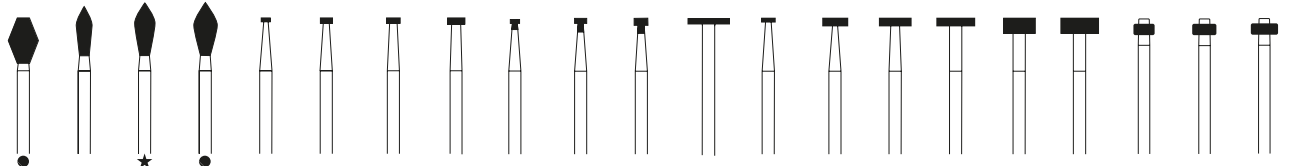
REF.-No	802	802	802	802	802	802	802	802	802	805	805	805	805	805	805	805	806	806	806	806	806	806
ISO x 1/10 mm	008	009	010	012	014	016	018	021	023	009	010	012	014	016	018	023	009	010	012	014	016	016
Fig.-No ISO	002	002	002	002	002	002	002	002	002	010	010	010	010	010	010	010	019	019	019	019	019	019
Head L mm	2	2	2,5	3	3	3	3,5	4	4,5	1	1	1,2	1,5	1,5	1,5	2	2	2	3	3	3	3
Grit-size																						
ISO 313 Short		S	S	S	S	S				S	S	S	S	S	S		S	S	S	S	S	S
Prices P	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1

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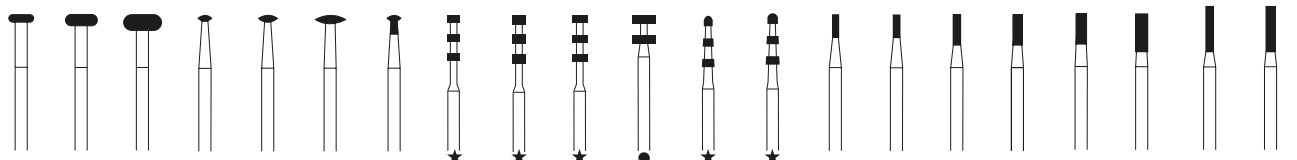
REF.-No	806	806	807	807	807	822	830	830	830	830	830	830	830L	830L	830L	830L	830L	813	813	813	813L	811
ISO x 1/10 mm	018	023	012	016	018	009	009	010	012	014	016	012	014	016	018	025	010	014	016	014	014	033
Fig.-No ISO	019	019	225	225	225	237	238	238	238	238	238	238	239	239	239	239	239	032	032	032	523	038
Head L mm	3	3,5	3,5	4	5	2	3	3	3	3	3	3	4	5	5	5	5	1,5	1,6	1,9	3	4
Grit-size																						
ISO 313 Short	S							S	S				S				S					
Prices P	1	2	1	1	2	1	1	1	1	1	1	1	1	1	2	2	4	1	1	1	1	4

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ISO 314



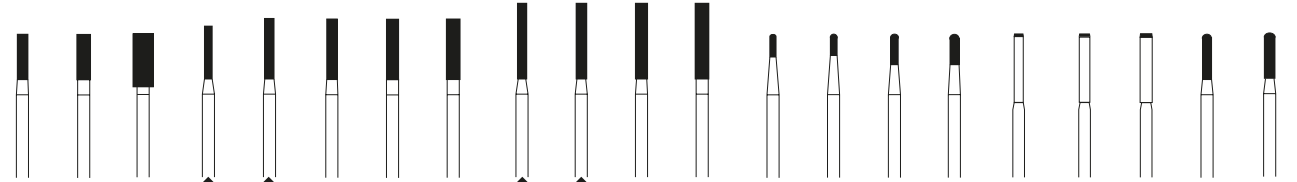
REF.-No	811	899	899	899	815	815	815	815	816	816	816	817	818	818	818	818	820	820	908	908	908	
ISO x 1/10 mm	040	021	027	031	012	016	018	023	012	016	018	055	018	033	042	050	042	050	028	032	036	
Fig.-No ISO	038	033	033	033	040	040	040	040	044	044	044	041	042	042	042	042	043	043	072	072	072	
Head L mm	6	6,5	7	7	0,5	0,7	0,7	0,8	1,5	1,8	2	0,7	0,5	1	1	1	2	2	1,5	1,5	1,5	
Grit-size	●● ○○	●● ○○	●● ○○	●● ○○	●● ○○	○○	○○	○○	○○	○○	○○	●● ○○	○○	●● ○○	●● ○○	●● ○○	○○	○○	○○	○○	○○	○○
ISO 313 Short													S				S					
Prices P	5	4	4	5	1	1	1	2	1	1	1	5	1	4	5	5	5	5	5	5	5	

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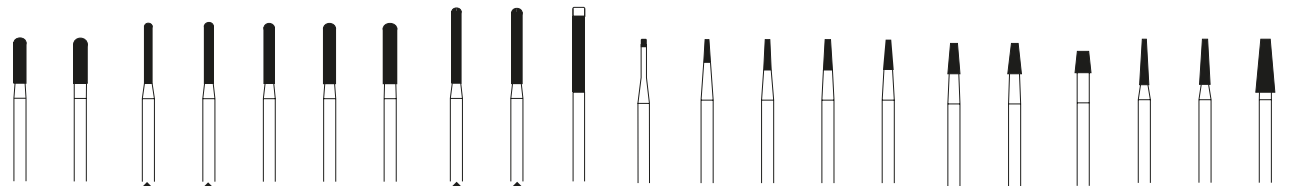
REF.-No	909	909	909	825	825	825	826	834	834	834	834A	868B	868B	835	835	835	835	835	835	835	836	836	
ISO x 1/10 mm	033	042	050	018	025	040	018	016	018	021	031	018	020	008	009	010	012	014	016	010	012	012	
Fig.-No ISO	068	068	068	304	304	304	310	552	552	552	242	302	302	107	107	107	107	107	107	107	110	110	
Head L mm	1	1,5	2,1	0,8	0,9	1,1	2,5	6	6	6	3,7	7	7	3	3	4	4	4	4	5	6	6	
Grit-size	●● ○○	●● ○○	●● ○○	○○	●● ○○	●● ○○	○○	○○	○○	○○	○○	●● ○○	●● ○○	●● ○○	○○	○○	●● ○○	●● ○○	●● ○○	●● ○○	●● ○○	●● ○○	●● ○○
ISO 313 Short		S												S	S	S	S	S	S	S	S	S	
Prices P	4	5	5	1	2	5	1	3	3	3	5	3	3	1	1	1	1	1	1	1	2	2	

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REF.-No	836	836	836	837	837	837	837	837	837L	837L	837L	837L	838	838	838	838	839	839	839	880	880	
ISO x 1/10 mm	014	018	027	010	012	014	016	018	012	014	016	018	008	009	010	012	012	014	016	012	014	
Fig.-No ISO	110	110	110	111	111	111	111	111	112	112	112	112	137	137	137	137	150	150	150	140	140	
Head L mm	6	6	7	7	8	8	8	8	10	10	10	10	3	3	4	4	0,2	0,2	0,2	6	6	
Grit-size	●● ○○	●● ○○	○○	●● ○○	●● ○○	●● ○○	●● ○○	○○	●● ○○	●● ○○	●● ○○	●● ○○	○○	○○	○○	●● ○○	●● ○○	○○	○○	○○	●● ○○	○○
ISO 313 Short	S				S	S															S	
Prices P	2	2	4	3	3	3	3	3	4	4	4	4	1	1	1	1	4	4	4	2	2	

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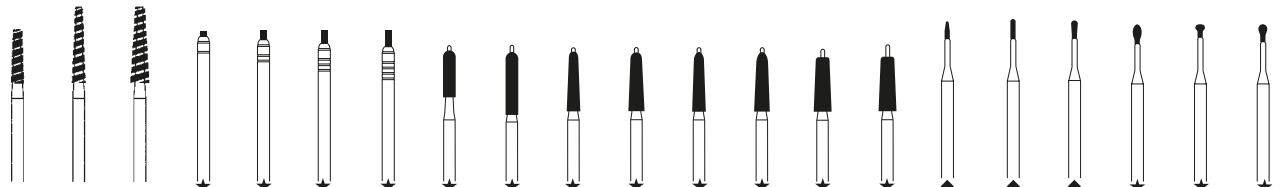
REF.-No	880	880	881	881	881	881	881	882	882	843	844RF	845	845	845	845	845	845	846	846	846	
ISO x 1/10 mm	016	018	010	012	014	016	018	012	014	016	008	009	010	012	014	016	018	021	012	016	025
Fig.-No ISO	140	140	141	141	141	141	141	142	142	152	153	170	170	170	170	170	170	170	171	171	171
Head L mm	6	6	8	8	8	8	8	10	10	10	1	3	4	4	4	4	4	2,8	6	6	7
Grit-size	●● ○○	○○	●● ○○	●● ○○	●● ○○	●● ○○	●● ○○	●● ○○	●● ○○	○○	○○	○○	○○	●● ○○	○○	○○	○○	○○	●● ○○	●● ○○	○○
ISO 313 Short														S	S			S	S		
Prices P	2	2	3	3	3	3	3	4	4	4	4	1	1	1	1	1	1	2	2	2	4

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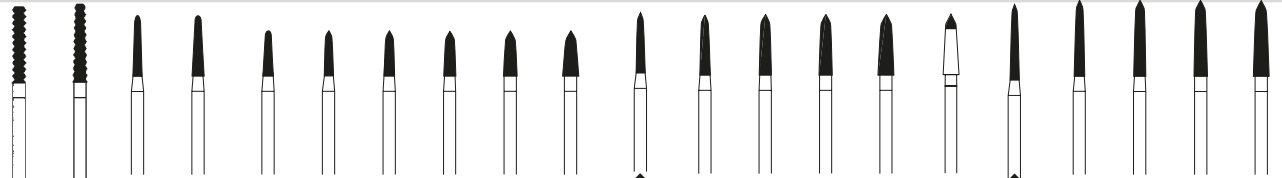
REF.-No	889	889	888	831	898	368	368	368	368	368	369	379	379	379	379	390	833	833A	392	R837	R837
ISO x 1/10 mm	009	010	012	012	016	016	018	021	023	025	023	014	018	021	023	016	031	025	016	014	018
Fig.-No ISO	540	540	496	267	213	257	257	257	257	257	263	277	277	277	277	274	466	463	465	R111	R112
Head L mm	3,5	4	8	7	10,5	3,5	3,5	5	5	5	5,5	3	3,5	4,5	4,5	3,5	3,5	1,5	5	7	10
Grit-size	●●●	○●●	○●●	○●●	○●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	○●●	○●●	○●●	○●●	○●●	○●●
ISO 313 Short	S					S			S												Reduction
Prices P	1	1	3	3	4	1	1	3	3	3	4	1	1	3	3	1	5	5	3	5	5

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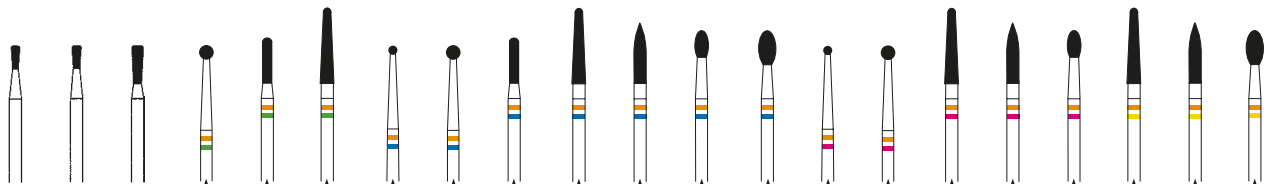
REF.-No	R847	R848	R848	DM	DM	DM	DM	880P	881P	856P	856P	878KP	878KP	372P	372PL	889M	838M	830RM	830M	953M	953AM
ISO x 1/10 mm	016	018	025	006	010	015	020	018	018	018	021	018	021	023	023	007	007	009	012	014	014
Fig.-No ISO	R172	R173	R173	...	...	...	...	525	525	508	508	...	...	...	...	...	...	...	...	...	...
Head L mm	7	10	10	0,6	1	1,5	2	7	9	8	8	8	8	8	9	2,7	2,7	2,7	2,7	2	2,5
Grit-size	○●●	○●●	○●●	○●●	○●●	○●●	○●●	○●●	○●●	○●●	○●●	○●●	○●●	○●●	○●●	○●●	○●●	○●●	○●●	○●●	○●●
ISO 313 Short	Reduction			Depth Marker				Crown Prep. with guide pin							Micro Prep.						
Prices P	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	3	3	3	3	3	3

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REF.-No	RD837	RD848	868K	868K	869K	877K	877K	877K	877K	877K	878K	878K	878K	878K	878K	878KT	879K	879K	879K	879K	879K	
ISO x 1/10 mm	016	016	012	016	014	012	014	016	018	021	012	014	016	018	021	021	012	014	016	018	021	
Fig.-No ISO	515	521	222	222	223	297	297	297	297	297	298	298	298	298	298	298T	299	299	299	299	299	
Head L mm	10	10	8	8	6	6	6	6	6	6	8	8	8	8	8	2	10	10	10	10	10	
Grit-size	○●●	○●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	○●●	○●●	○●●	○●●	○●●	○●●	○●●	○●●	○●●	○●●	○●●	
ISO 313 Short	Demolition		Special burs for curretage preparation																			
Prices P	5	5	3	3	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	5

**FG
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ISO 314**



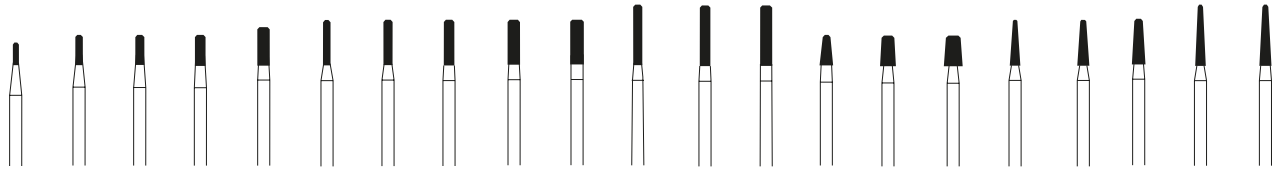
REF.-No	829	829	829L	ZG801L	ZG880	ZG850	Z801L	Z801L	Z880	Z850	Z862	Z379	Z379	ZF801L	ZF801L	ZF850	ZF862	ZF379	ZC850	ZC862	ZC379	
ISO x 1/10 mm	010	012	014	018	012	018	012	018	012	018	016	018	023	012	018	018	016	018	018	016	023	
Fig.-No ISO	235	235	236	ZG697	ZG140	ZG199	Z697	Z697	Z140	Z199	Z249	Z277	Z277	ZF697	ZF697	ZF199	ZF249	ZF277	ZC199	ZC249	ZC277	
Head L mm	3	3	5		6	10			6	10	8	3,5	4,5			10	8	3,5	10	8	4,5	
Grit-size	○●●	○●●	○●●	Coarse			Medium						Fine				Extra-fine					
	Cavity Prep.			Special coating and higher density of diamond grains for efficient working on ZrO2 (Zirconium oxide)																		
Prices P	1	1	1	35	36	38	35	35	36	38	37	35	37	35	35	38	37	35	38	37	37	

FG KR & DLC

Diamant-Schleifinstrumente FG · Diamond instruments FG
Instrumentos diamantados FG · Instruments diamantés FG · Utensili diamantati FG

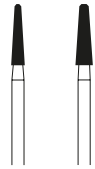


FG KR-STANDARD ISO 314



REF.-No	835KR	835KR	835KR	835KR	835KR	836KR	836KR	836KR	836KR	836KR	837KR	837KR	837KR	845KR	845KR	845KR	846KR	846KR	846KR	847KR	847KR
ISO x 1/10 mm	008	010	012	014	016	010	012	014	016	018	012	014	016	018	021	025	014	016	018	014	016
Fig.-No ISO	156	156	156	156	156	157	157	157	157	157	158	158	158	544	544	544	545	545	545	546	546
Head L mm	3	4	4	4	5	6	6	6	6	6	8	8	8	4	4	4	6	6	6	8	8
Grit-size																					
ISO 313 Short																					
Prices P	1	1	1	1	1	2	2	2	2	2	3	3	3	1	2	3	2	2	2	3	3

FG KR-STANDARD ISO 314

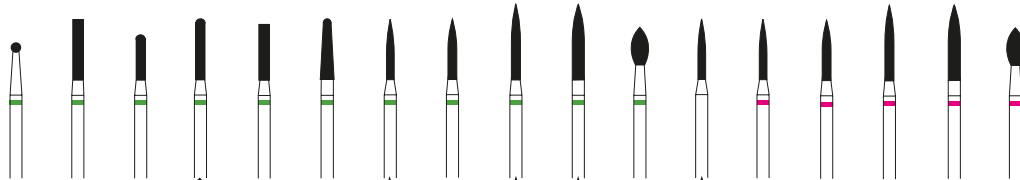


REF.-No	847KR	847KR
ISO x 1/10 mm	018	023
Fig.-No ISO	546	546
Head L mm	8	8
Grit-size		
ISO 313 Short		
Prices P	3	4

- D** Kavitäten- und Kronen Präparation, Inlays, Onlays, abgerundete Kante
- GB** Cavity/Crown Preparation, Inlays, Onlays, rounded edge
- E** Preparación de Cavidades/Coronas, Inlays, Onlays, Borde redondeado
- F** Préparation de Cavités/Couronnes, Inlays, Onlays, Angle arrondi
- I** Preparazione di Cavità/Corone, Inlays, Onlays, Bordo arrotondato



FG DLC-STANDARD ISO 314



REF.-No	G801	G837	G880	G881	G881	G856	G862	G862	G863	G863	G368	862	F862	F862	F863	F863	F368
ISO x 1/10 mm	014	014	012	012	014	018	012	016	012	016	023	010	012	016	012	016	023
Fig.-No ISO	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Head L mm		8	6	8	8	8	8	8	10	10	5	8	8	8	10	10	5
Grit-size	Coarse											M	Fine				
ISO 313 Short	The Special DLC coating acquires the same properties of a diamond due to his tetrahedral structure																
Prices P	1*	3*	2*	3*	3*	3*	3*	3*	4*	4*	3*	3*	3*	3*	4*	4*	3*



- D** Hauptvorteile vom DLC (Diamond-Like-Carbon) coating on DIAPLUS Bohrer: 1) Extreme Härte, hohe Korrosions- und Widerstandsfähigkeit, Verschleißbeständigkeit. 2) Die Schneidkanten behalten ihre Form und gewährleisten eine längere Lebensdauer. 3) 100% Biokompatibilität.
- GB** Main advantages of the DLC (Diamond-Like-Carbon) coating on DIAPLUS burs: 1) Extreme hardness, corrosion and wear resistance, very low friction coefficient. 2) The cutting edges retain their shape increasing the life of the instrument. 3) 100% biocompatible.
- E** Principales beneficios del recubrimiento DLC (Diamond-Like-Carbon) en las fresas DIAPLUS: 1) Dureza extrema, alta resistencia a la corrosión y al desgaste, bajo coeficiente de fricción. 2) Los ángulos de corte mantienen sus formas, mientras que aumenta la duración de vida de la fresa. 3) 100% biocompatible.
- F** Principaux avantages du revêtement DLC (Diamond-Like-Carbon) sur les fraises DIAPLUS: 1) Dureté extrême, haute résistance à la corrosion et à l'usure, coefficient de frottement très faible. 2) Les angles coupants maintiennent leurs formes tout en augmentant la durée de vie de la fraise. 3) 100% biocompatible.
- I** Principali vantaggi del rivestimento DLC (Diamond-Like-Carbon) sulle frese DIAPLUS: 1) Estrema durezza, massima resistenza alla corrosione e all'usura, coefficiente d'attrito molto basso. 2) Angoli taglienti che mantengono la loro forma garantendo una durata di taglio superiore. 3) 100% biocompatibile.

Drehzahlen · Round Speeds · Velocidades · Vitesse de rotation · Velocità di rotazione

ISO Ø (1/10mm)	Maximum permitted speed (min ⁻¹)		Recommended operational speed (min ⁻¹)	
	FG	HP	FG	HP
007-0010	450.000	250.000	100.000-220.000	100.000-190.000
012-014	450.000	250.000	70.000-220.000	70.000-140.000
016-018	450.000	120.000	55.000-160.000	55.000-110.000
021-023	300.000	120.000	40.000-120.000	45.000-85.000
025-027	160.000	80.000	35.000-110.000	35.000-70.000
029-031	140.000	80.000	30.000-95.000	32.000-64.000
033-040	120.000	80.000	25.000-75.000	25.000-50.000
042-050	95.000	60.000	15.000-60.000	20.000-37.000
055-070	60.000	60.000	12.000-40.000	17.000-34.000
080-100	45.000	40.000	10.000-20.000	10.000-25.000
120-140		30.000		8.000-16.000
160-180		25.000		6.000-11.000
200-220		20.000		5.000-9.000
Round speeds for grit sizes F and C:				
F	40.000		10.000-20.000	
C	25.000		8.000-12.000	
Round speeds for specially marked instruments:				
◆	300.000		70.000-140.000	
★	160.000		40.000-85.000	
●	140.000		30.000-60.000	
▲ RA	15.000		7.500-10.000	

D EINSATZMÖGLICHKEITEN

- Kavitätenpräparation
- Finieren von Kavitätenrändern
- Kronenstumpfpräparation
- Finieren von Kompositen (F+C)
- Korrekturen an Prothesenkunststoffen
- Entfernen alter Kronen und Füllungen (SG)

GB APPLICATIONS

- Cavity, inlays, onlays preparation and finishing
- Crown and bridge preparation and finishing
- Finishing and polishing of composite fillings (F+C)
- Adjustment of prostheses
- Removing of old crowns and metal fillings (SG)

E APLICACIONES

- Preparación y acabado de cavidades
- Preparación y acabado de coronas, inlays, onlays
- Acabado de composites (F+C)
- Adaptaciones de acrílicos para prótesis
- Para quitar obturaciones antiguas y levantar las coronas antiguas (SG)

F APPLICATIONS

- Préparation et finition de cavités, inlays, onlays
- Préparation de couronnes et bridges
- Finition et polissage des composites (F+C)
- Corrections et retouches de prothèses
- Enlèvement des anciennes couronnes et obturations (SG)

I APPLICAZIONI

- Preparazione e finitura di cavità, inlays, onlays
- Preparazione di corone e ponti
- Finitura e lucidatura dei compositi (F+C)
- Correzioni e ritocchi delle protesi
- Rimozione di vecchie corone ed otturazioni



PARTNER AG

**SWITZERLAND
SWISS DENTAL DIAMONDS**

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