



Swiss Dental Diamond
since 1968
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EG&RA

EDITION 2022



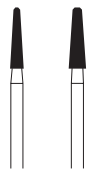
Utensili diamantati FG • Instruments diamantés FG • Diamant - Schlefinstrumente FG Diamond instruments FG • Instrumentos diamantados FG • Алмазные инструменты FG

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 Ø 1/10 mm	O08	O10	O12	O14	O16	O10	O12	O14	O16	O18	O12	O14	O16	O18	O21	O25	O14	O16	O18	O14	O16
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



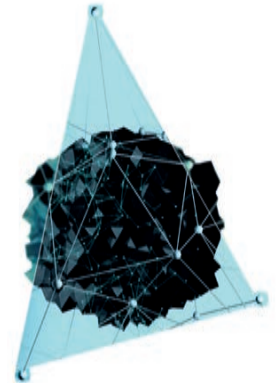
REF.-No	847KR	847KR
ISO Ø 1/10 mm	O18	O23
Fig.-No ISO	546	546
Head L mm	8	8
Grit-size	●●●	●●●
ISO 313 Short	○	○
Prices P	3	4

KR - Rounded edge



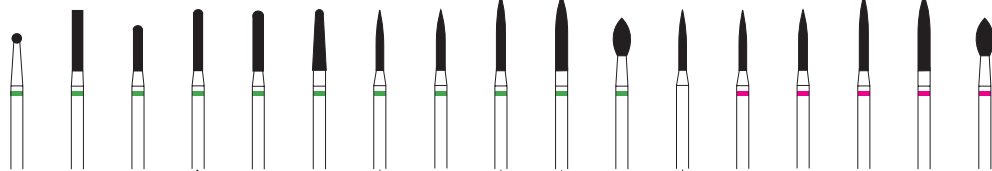
- I** Preparazione di Cavità/Corone, Inlays, Onlays, Bordo arrotondato.
- F** Préparation de Cavités/Couronnes, Inlays, Onlays, Angle arrondi.
- D** Kavitäten-und Kronen Präparation, Inlays, Onlays, Abgerundete Kante.
- GB** Cavity/Crown preparation, Inlays, Onlays, Rounded edge.
- E** Preparación de Cavidades/Coronas, Inlays, Onlays, Borde redondeado.
- RU** Препарирование полости/препарирование под коронку, инлей, онлей, скругленный уступ.

DLC (Diamond-Like-Carbon)



Only for laboratory use

FG-DLC STANDARD ISO 314



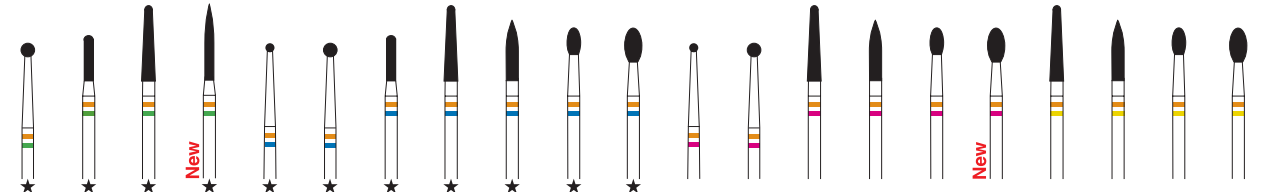
REF.-No	G801	G837	G880	G881	G881	G856	G862	G862	G863	G863	G368	862	F862	F862	F863	F863	F368	
ISO Ø 1/10 mm	O14	O14	O12	O12	O14	O18	O12	O16	O12	O16	O23	O10	O12	O16	O12	O16	O23	
Fig.-No ISO	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Head L mm		8	6	8	8	8	8	8	10	10	5	8	8	8	10	10	5	
Grit-size	Coarse											M	Fine					
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*	



- I** Principali vantaggi del rivestimento DLC (Diamond-Like-Carbon) sulle frese Dia-Tessin: 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.
- F** Principaux avantages du revêtement DLC (Diamond-Like-Carbon) sur les fraises Dia-Tessin: 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.
- D** Hauptvorteile vom DLC (Diamond-Like-Carbon) Verfahren auf den Dia-Tessin Bohrer: 1) Extreme Härte, hohe Korrosions-und Widerstandsfähigkeit, Verschleißbeständigkeit. 2) Die Schneidekanten behalten ihre Form und gewährleisten eine längere Lebensdauer. 3) 100% Biokompatibilität.
- GB** Main advantages of the DLC (Diamond-Like-Carbon) coating on Dia-Tessin 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 Dia-Tessin: 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.
- RU** Главное преимущество покрытия DLC (Diamond-Like-Carbon) для боров Dia-Tessin состоит в следующем: 1) Повышенная прочность, сопротивление коррозии и износу, сниженная вибрация. 2) Режущие грани сохраняют свою форму, тем самым продлевая срок службы инструмента. 3) 100% биосовместимы.

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Diamond instruments FG • Instrumentos diamantados FG • Алмазные инструменты FG**

**FG
STANDARD
ISO 314**



REF.-No	ZG801L	ZG880	ZG850	ZG863	Z801L	Z801L	Z880	Z850	Z862	Z379	Z379	ZF801L	ZF801L	ZF850	ZF862	ZF379	ZF379	ZC850	ZC862	ZC379	ZC379	
ISO Ø 1/10 mm	O18	O12	O18	O12	O12	O18	O12	O18	O16	O18	O23	O12	O18	O18	O16	O18	O23	O18	O16	O18	O23	
Fig.-No ISO	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Head L mm		6	10	10			6	10	8	3,5	4,5			10	8	3,5	4,5	10	8	3,5	4,5	
Grit-size	Coarse				Medium						Fine				Extra-fine							
	Special coating and higher density of diamond grains for efficient working on ZrO2 (Zirconium oxide)																					
Prices P	35	36	38	38	35	35	36	38	37	35	37	35	35	38	37	35	37	38	37	35	37	

**Supporto per frese sterilizzabile • Support pour fraises, stérilisable
Bohrerständler, sterilisierbar • Burs-holder, sterilizable
Frese, esterilizable • Подставка для стерилизации боров**

FG-RA 24



**Imballaggi • Emballages • Verpackungen
Packages • Embalajes • Упаковка**

Kit 12

5

6x5



Dentista - Cabinet - Praxis - Dentist - Odontólogo - Зубной врач

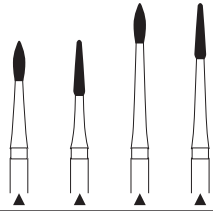
Diamond	FG	FG
Ø (1/10mm)	maximum speed (min ⁻¹)	recommended speed (min ⁻¹)
007 - 010	450.000	100.000 - 220.000
012 - 014	450.000	70.000 - 220.000
016 - 018	450.000	55.000 - 160.000
021 - 023	300.000	40.000 - 120.000
025 - 027	160.000	35.000 - 110.000
029 - 031	140.000	30.000 - 95.000
033 - 040	120.000	25.000 - 75.000
042 - 050	95.000	15.000 - 60.000
055 - 070	60.000	12.000 - 40.000
080 - 100	45.000	10.000 - 20.000
Grit sizes F&C		
F	40.000	10.000 - 20.000
C	25.000	8.000 - 12.000
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
Tungsten carbide	FG	RA • PM
Ø (1/10mm)	recommended speed (min ⁻¹)	recommended speed (min ⁻¹)
005 - 006	100.000 - 350.000	55.000 - 110.000
007 - 008	100.000 - 350.000	45.000 - 90.000
009 - 010	100.000 - 350.000	35.000 - 70.000
012 - 014	100.000 - 350.000	25.000 - 53.000
016 - 018	100.000 - 350.000	20.000 - 40.000
021 - 023	60.000 - 120.000	15.000 - 30.000
Specially marked instruments		
◆	120.000	
◆	3.000	

Laboratorio - Laboratoire - Labor - Laboratory - Profésico - Лаборатория

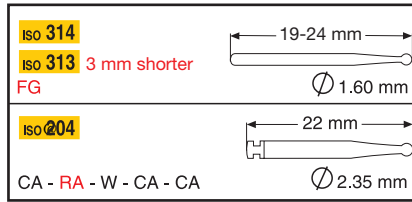
Diamond	FG	FG
Ø (1/10mm)	maximum speed (min ⁻¹)	recommended speed (min ⁻¹)
007 - 010	250.000	100.000 - 190.000
012 - 014	250.000	70.000 - 140.000
016 - 018	120.000	55.000 - 110.000
021 - 023	120.000	45.000 - 85.000
025 - 027	80.000	35.000 - 70.000
029 - 031	80.000	32.000 - 64.000
033 - 040	80.000	25.000 - 50.000
042 - 050	60.000	20.000 - 37.000
055 - 070	60.000	17.000 - 34.000
080 - 100	40.000	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
Tungsten carbide	FG	RA • PM
Gesso - Plâtre - Gips - Plaster - Yeso - Гипс		
Ø (1/10mm)	recommended speed (min ⁻¹)	
050 - 070	8.000 - 10.000	
Resina - Résine - Kunststoff - Acrylics - Acrílico - Акрил		
023 - 070	10.000 - 15.000	
Leghe - Alliages - Legierungen - Alloys - Aleaciones - Сплавы		
014 - 023	15.000 - 20.000	
025 - 031	10.000 - 15.000	

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RA PERIO ISO 204

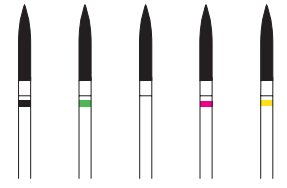


REF.-No	P368L	P868L	P368XL	P868XL
ISO \varnothing 1/10 mm	014	014	014	014
Fig.-No ISO	258	267	259	268
Head L mm	5	7	5	7
Grit-size				
ISO 204	RA	RA	RA	RA
Prices P	20	20	20	20



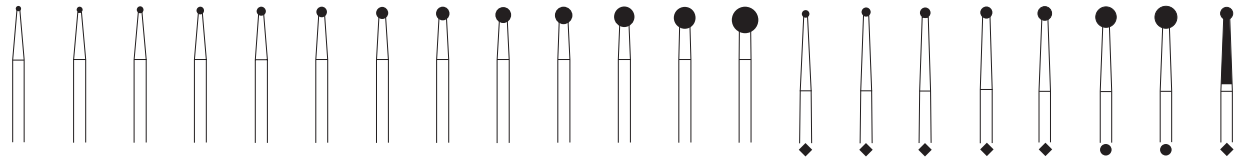
ISO	Codes / Grits	Microns μ
544	● SG Super-Coarse	150-180
534	● G Coarse	125-150
524	○ Standard	106
524	● Medium	75
514	● F Fine	45
504	● C Composite	15

FG STANDARD ISO 314



REF.-No	SG863	G863	863	F863	C863
ISO \varnothing 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

FG STANDARD ISO 314



REF.-No	801	801	801	801	801	801	801	801	801	801	801	801	801L	801L	801L	801L	801L	801L	801L	801LE	
ISO \varnothing 1/10 mm	007	008	009	010	012	014	016	018	021	023	027	029	035	010	012	014	016	018	027	029	014
Fig.-No ISO	001	001	001	001	001	001	001	001	001	001	001	001	001	697	697	697	697	697	697	697	...
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

FG STANDARD ISO 314



REF.-No	802	802	802	802	802	802	802	802	802	805	805	805	805	805	805	805	806	806	806	806	806
ISO \varnothing 1/10 mm	008	009	010	012	014	016	018	021	023	009	010	012	014	016	018	023	009	010	012	014	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
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
Grit-size																					
ISO 313 Short		S	S	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

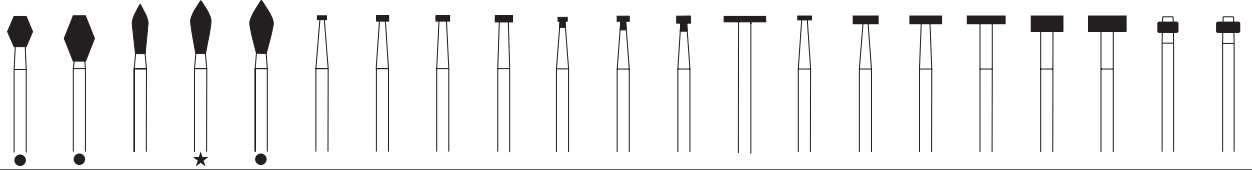
FG STANDARD ISO 314



REF.-No	806	806	807	807	807	822	830	830	830	830	830	830L	830L	830L	830L	830L	813	813	813	813L	814
ISO \varnothing 1/10 mm	018	023	012	016	018	009	009	010	012	014	016	012	014	016	018	025	010	014	016	014	014
Fig.-No ISO	019	019	225	225	225	237	238	238	238	238	238	239	239	239	239	239	032	032	032	523	...
Head L mm	3	3,5	3,5	4	5	2	3	3	3	3	3	4	5	5	5	5	1,5	1,6	1,9	3	4,7
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	2	2	4	1	1	1	1	1

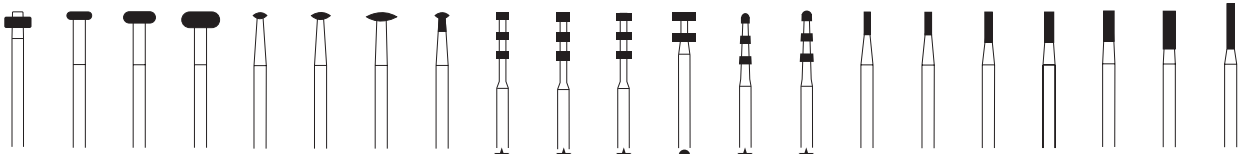
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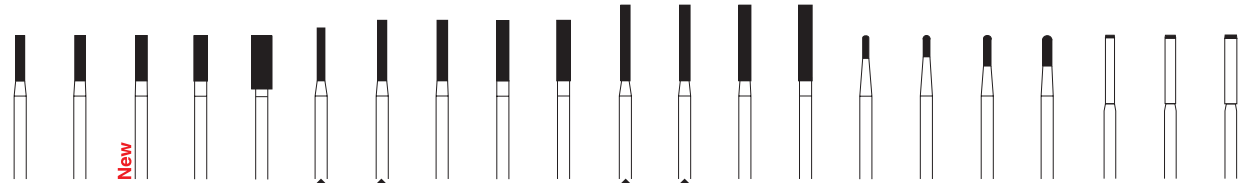
REF.-No	811	811	899	899	899	815	815	815	815	816	816	816	817	818	818	818	818	820	820	908	908
ISO Ø 1/10 mm	033	040	021	027	031	012	016	018	023	012	016	018	055	018	033	042	050	042	050	028	032
Fig.-No ISO	038	038	033	033	033	040	040	040	040	044	044	044	041	042	042	042	042	043	043	072	072
Head L mm	4	6	6,5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

FG STANDARD ISO 314



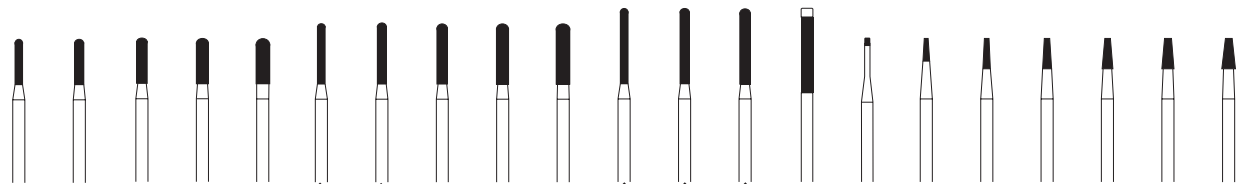
REF.-No	908	909	909	909	825	825	825	826	834	834	834	834A	868B	868B	835	835	835	835	835	835	835	836
ISO Ø 1/10 mm	036	033	042	050	018	025	040	018	016	018	021	031	018	020	008	009	010	012	014	016	010	
Fig.-No ISO	072	068	068	068	304	304	304	310	552	552	552	242	302	302	107	107	107	107	107	107	107	110
Head L mm	1,5	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
Grit-size	○	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ISO 313 Short			S												S	S	S	S	S	S	S	
Prices P	5	4	5	5	1	2	5	1	3	3	3	5	3	3	1	1	1	1	1	1	1	2

FG STANDARD ISO 314



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

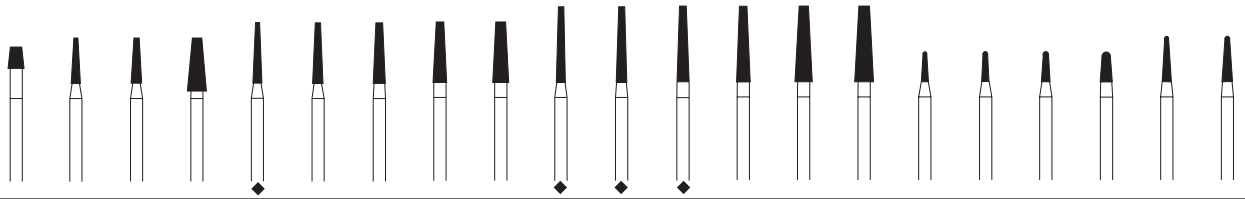
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REF.-No	880	880	880	880	880	881	881	881	881	881	882	882	882	843	844RF	845	845	845	845	845	845
ISO Ø 1/10 mm	010	012	014	016	018	010	012	014	016	018	010	012	014	016	008	009	010	012	014	016	018
Fig.-No ISO	140	140	140	140	140	141	141	141	141	141	142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

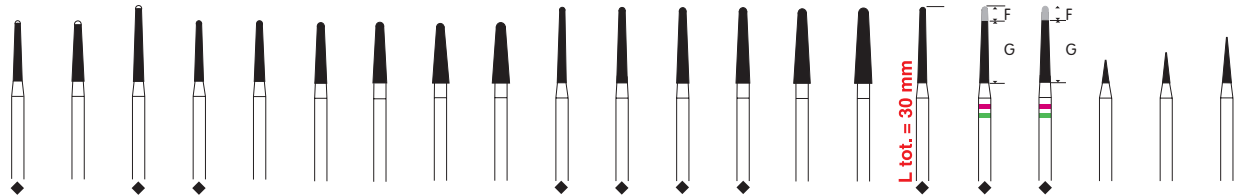
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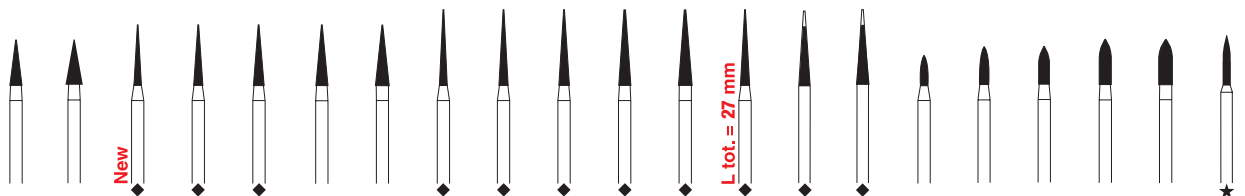
REF.-No	845	846	846	846	847	847	847	847	847	848	848	848	848	848	848	849	849	849	849	855	855
ISO Ø 1/10 mm	021	012	016	025	012	014	016	018	021	012	014	016	018	023	025	009	010	012	016	012	014
Fig.-No ISO	170	171	171	171	172	172	172	172	172	173	173	173	173	173	173	196	196	196	196	197	197
Head L mm	2,8	6	6	7	8	8	8	8	8	10	10	10	10	10	10	4	4	4	4	6	6
Grit-size	○○	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	○○	○○	○○	○○	○○	○○
ISO 313 Short		S	S		S	S															S
Prices P	2	2	2	4	3	3	3	3	4	4	4	4	4	5	5	1	1	1	1	2	2

FG STANDARD ISO 314



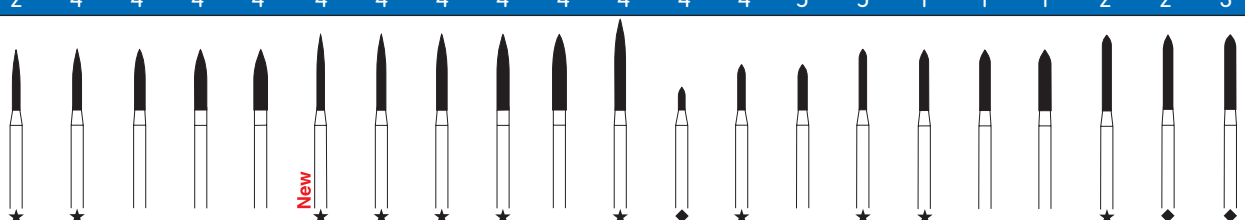
REF.-No	851	851	857	856	856	856	856	856	856	850	850	850	850	850	850	850XL	GF844	GF844	852	852	852
ISO Ø 1/10 mm	012	016	014	012	014	016	018	021	023	012	014	016	018	021	023	012	014	016	009	010	012
Fig.-No ISO	219	219	220	198	198	198	198	198	198	199	199	199	199	199	199	...	...	...	164	164	164
Head L mm	8	8	10	8	8	8	8	8	8	10	10	10	10	10	10	10	10	10	3	4	6
Grit-size	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●	○○	○○	○○	○○	○○
ISO 313 Short					S	S													S	S	S
Prices P	5	5	5	3	3	3	3	4	4	4	4	4	4	5	5	4	5	5	1	1	2

FG STANDARD ISO 314



REF.-No	852	852	858	858	858	858	858	859	859	859	859	859	859L	859E	859E	860	860	860	860	860	860	861
ISO Ø 1/10 mm	016	023	010	012	014	016	018	010	012	014	016	018	012	016	018	010	012	014	016	018	012	
Fig.-No ISO	164	164	165	165	165	165	165	166	166	166	166	166	166L	...	...	247	247	247	247	247	247	248
Head L mm	6	6	8	8	8	8	8	10	10	10	10	10	10	8	8	4	5	5	6	6	6	7
Grit-size	●●	●●	○○	○○	●●	●●	●●	○○	○○	●●	●●	●●	●●	○○	○○	●●	●●	●●	○○	○○	○○	○○
ISO 313 Short	S				S			S			S					S						
Prices P	2	4	4	4	4	4	4	4	4	4	4	4	4	5	5	1	1	1	2	2	2	3

FG STANDARD ISO 314



REF.-No	862	862	862	862	862	863	863	863	863	863	864	875	877	877	878	878	878	878	879	879	879
ISO Ø 1/10 mm	010	012	014	016	018	010	012	014	016	018	014	009	010	012	010	012	014	016	012	014	016
Fig.-No ISO	249	249	249	249	249	250	250	250	250	250	251	535	288	288	289	289	289	289	290	290	290
Head L mm	8	8	8	8	8	10	10	10	10	10	12	3	6	6	8	8	8	8	10	10	10
Grit-size	●●	●●	●●	●●	●●	○○	●●	●●	●●	●●	●●	○○	●●	●●	●●	●●	●●	●●	●●	●●	●●
ISO 313 Short		S										S	S	S		S	S				
Prices P	3	3	3	3	3	4	4	4	4	4	4	1	2	2	3	3	3	3	4	4	4

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

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)

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)

RU

ОБЛАСТЬ ПРИМЕНЕНИЯ

- Препарирование и финишная обработка кариозных полостей, вкладок и накладок
- Препарирование и финишная обработка коронок и мостов
- Финишная обработка и полировка композитных пломб (F+C)
 - Подгонка протезов
- Удаление старых коронок и металлических пломб (SG)



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