

International

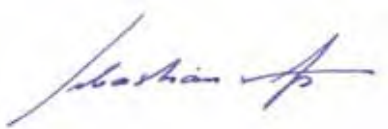
Since 1888, **TRADITION**, **PRECISION** and **INNOVATION** have been and continue to be the central motivating forces behind our success.

Thus, after 120 years of eventful company history, **Hager & Meisinger GmbH** is today still an independent family business and now in its fourth generation family owned-managed. Lasting partnerships and a working relationship with our clients and employees based on trust are the company tradition.

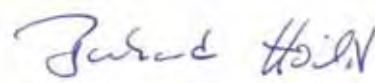
The requests and demands of our clients and partners throughout the world have always been at the heart of our business philosophy. In order not just to meet this as far as possible to surpass them, we place the very highest demands on the quality and precision of our products whereby we are always one step ahead of our time thanks to our intensive research and development activities. The courage for new ideas and their targeted transformation into innovative products are the driving forces behind our dynamic growth.

With more than 120 years' experience, highly qualified and motivated staff, as well as state-of-the-art technical facilities, we produce proprietary brands in top "Made in Germany" quality and to date have supplied over 2 billion products to clients throughout the entire world.

In future we will make every effort to cultivate tried and tested traditions, to perfect still more the precision of our products, and to gain further market shares with interesting innovations.



Sebastian Voss



Dr. Burkard Höchst





Quality since 1888

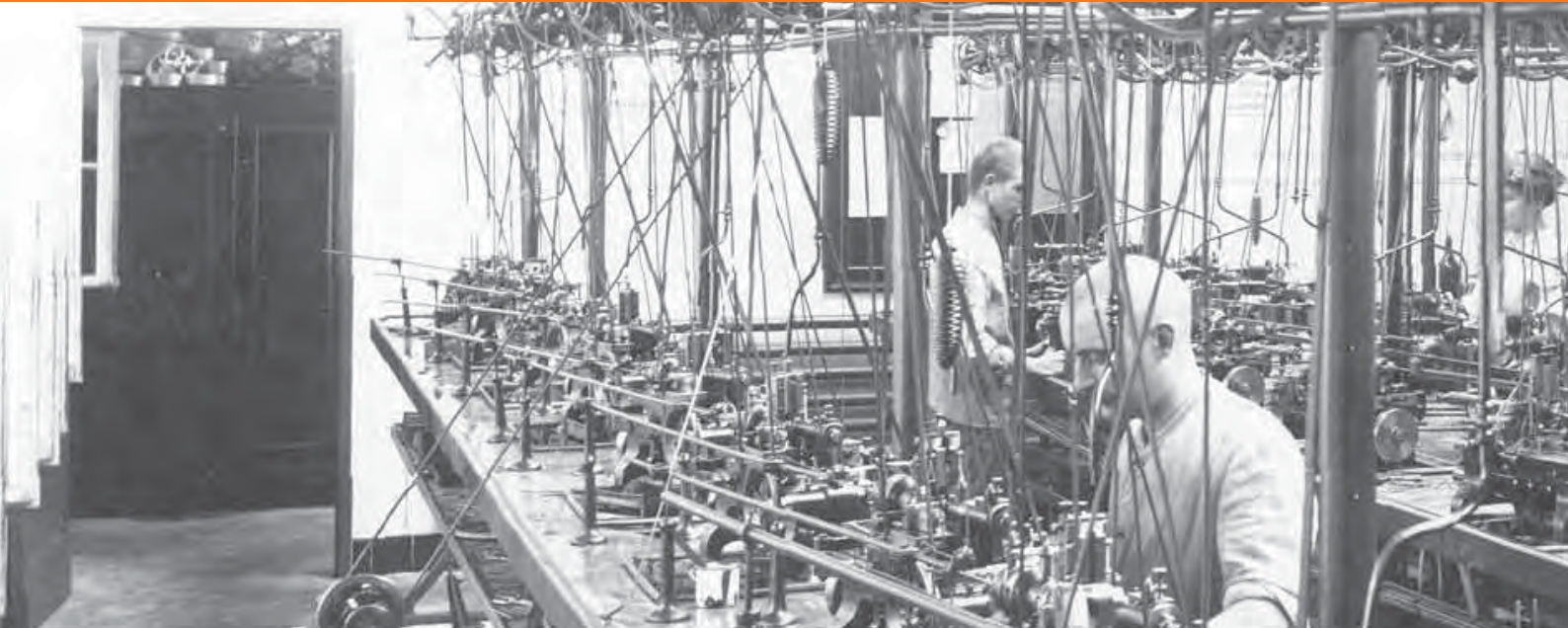


Artur Meisinger

1888 Foundation on the 15th of June of the „German-American Dental Bur Factory“ by Artur Meisinger in Düsseldorf
Trademark:

MEISINGER BOHRER


At this time: Tothing of the steel burs was done by hand, hardening with Bunsen burner and quenching with raw potato



Willy Noack



Erwin Hager

1912 Willy Noack sets up his own business with Erwin Hager to produce dental burs. Company name: „Erwin Hager & Co“
Trademark: Weltbohrer

Welt-W.B.Bohrer

1924 Erwin Hager & Co. merges with DAZF A. Meisinger

HAGER & MEISINGER GmbH is founded
Trademark:

Meisinger



1898 First semi-automatic forming and cutting machines
Diamond instruments were made with copper and steel blanks into which the diamond grit was hammered

1900 Willy Noack (born 1875) becomes fine mechanics master craftsman at MEISINGER
1904 Willy Noack moves to the Müller dental bur factory in Berlin as plant manager



1932 Start of ceramic abrasives production
1935 Start of fully automated steel bur production

1943 Factory partly destroyed due to war damage
1945 Seizure of important production machines by the allies
Loss of the MEISINGER trademark in the USA (until 1952)

1950 Development of the first tungsten carbide hollow burs together with the Johannes Gutenberg University
Start of mandrel production



Tradition



Mathias Noack

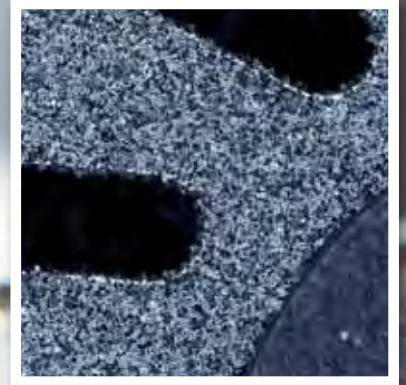
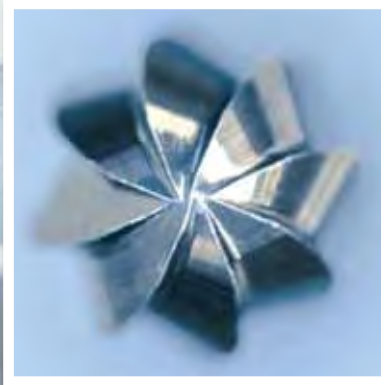


Dr. Theo Höchst

1951 Mathias Noack and Dr. Theo Höchst become Managing Directors after the death of Willy Noack sen.

1953 Start of tungsten carbide bur production

1960 Start of FG bur production for the Borden turbine



1988 Introduction of the first program controlled machines for the production of burs

1994 Titanium is used for dental implants for the first time

1995 Development of own designed construction of computer-controlled dove-tailing machines for steel burs

Certification in accordance with DIN EN ISO 9001 and EN 46001



Dr. Burkard Höchst and Sebastian Voss



Karl-Heinz Noack



Hans-Ferdinand Höchst

1965 Hans-Ferdinand Höchst and Karl-Heinz Noack become Managing Directors
Start of the lab carbide cutter production

1970 Development of the first cross-geared tungsten carbide FG burs (RX burs)

1985 Market introduction of the BMC system: Inner-cooled, stainless instruments for oral surgery

1987 Start of the implantology line. Further development of inner-cooled instruments



1998 Dr. Burkard Höchst and Sebastian Voss (1997) became Managing Directors

1998 Introduction of complete implant systems (implants, prosthetic parts and auxiliary parts for dental practices and laboratories), root posts and root filling posts

1999 Introduction of new forming technologies for the processing of special plastics for implantology



Precision



2000 Use of new grinding technologies for further improvement of precision and surface quality facility

2001 Development of special tungsten carbide instruments for the processing of titanium

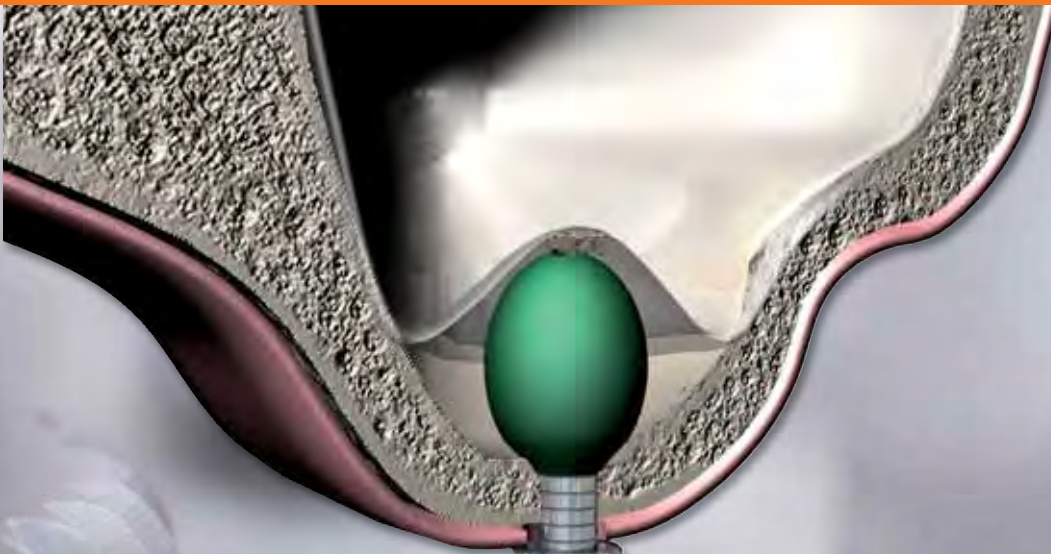
Foundation of the "MEISINGER USA, L.L.C." subsidiary



Meisinger USA



Meisinger facilities at Neuss



2005 Development of the Bone Management® system Balloon-Lift-Control

Further expansion of the successful product line MEISINGER Bone Management®

2006 Start-up of own event management department

The foundation of the International Bone Management® Network with the very first Bone Management Competence Center in Düsseldorf on the KÖ (Königsallee)

2007 Expansion of the national further training program with the annual beginning of the Bone Management Symposium

Introduction of the successful product line MEISINGER Black Cobra





2002 Production and administration are reunited at the company's new site at Neuss

2003 The beginning of the successful Product line MEISINGER Bone Management® Marketing department established



2004 Start of national and international further training programs for dentists and implantologists



2008 International further training program established with the start of the annual Bone Management Symposium (e.g. in Hungary)

Backup support for the sales department with a new team of nationwide sales managers advising users nationally
Expansion of MEISINGER's production and administrative area

2010 Bone Management Road Show ... to be continued

Innovation

Beaucoup de caractéristiques des instruments rotatifs comme dimensions de liaison avec Ø et type de tige sont déjà standardisées internationalement. La référence d'un instrument s'est référée à la norme ISO indiquant beaucoup d'information sur la forme, taille et qualité et permettant une identification précise des instruments.

Gran parte delle caratteristiche degli strumenti rotanti, come ad esempio le informazioni relative al diametro e al tipo di gambo, alla misura dello strumento hanno una standardizzazione internazionale. Il numero di riferimento di un articolo si basa su norme ISO (Organizzazione Internazionale sulle Standardizzazioni). In questo modo il numero di riferimento dell'articolo indica la forma, la misura, le caratteristiche e questo rende possibile una facile identificazione dell'articolo.

Many ranges of the rotary instruments, e.g. fitting dimensions with shaft diameter and shaft size as well as size information have already been internationally standardized. The specific article Ref-No. is based on the ISO Norm (International Organisation for Standardization). From the Ref-No. a great amount of information about the design, size and consistency can be attained allowing explicit identification of the instrument.

A 500

Matériau de la partie travaillante

Materiale della parte lavorante (carburo di tungsteno, diamante ecc.)

Material of working part (tungsten carbide, diamond, etc.)

B C 204

Tige et longueur totale (H, W, FG, etc.)

Tipo di gambo e lunghezza totale (HP, RA, FG ecc.)

Shank and overall length (HP, RA, FG, etc.)

D 001 003

Forme et type (rond, cylindre, grainage du diamant moyen, denture grosse etc.)

Forma e tipo (rotonda, cilindrica, granulometria media del diamante, taglio grosso ecc.)

Shape and type of finish (round, cylinder, diamond grit medium, toothing coarse, etc.)

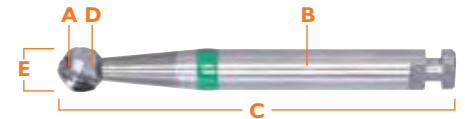
E 012

taille nominale (ISO 2157), le plus grand Ø de la partie travaillante en 1/10 mm

Misura nominale (ISO 2157) il diametro maggiore della parte lavorante in 1/10 mm.

Nominal size (ISO 2157), largest working part diameter in 1/10 mm

A + **B C** + **D** + **E** = Ref. No. **500 204 001 003 012**



Comment passer une commande • Come ordinare • How to order

Les dessins au trait représentés correspondent aux grandeur original
 Le figure sotto rappresentate riproducono le dimensioni reali
 All line drawings represent actual sizes

Fig.	Shank	ID	5	5	5	5	5
			15	25	35	45	55
HM 1S	RA	500 204 001 003	008	010	012	014	016
	RA L	500 205 001 003		010		014	
	FG	500 314 001 003	008	010	012	014	016

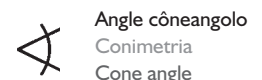
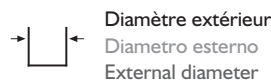
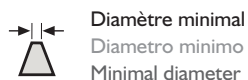
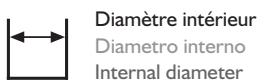
Figure
Figura
Figure

Tige
Gambo
Shank

Diamètre
Misura
Size

Figure	Shank	Size	Amount
HM1S	204	012	5 pieces
HM1S	204	014	10 pieces
...			

A noter que l'unité d'emballage peut varier rarement dans la colonne du tableau. Veuillez considérer les unités d'emballage indiquées dans notre liste de prix.
 In rari casi l'unità d'imballo all'interno della tabella qui riportata può cambiare. Fa sempre fede il confezionamento indicato nel listino prezzi.
 In rare cases the packing unit can vary within the chart index. Please take the exact numbers of pieces per packing unit from the price list.



Prélèvement d'outillage par fissuration de la feuille single • Gli strumenti si rimuovono singolarmente dalla confezione a strappo • Remove instruments by tearing off silver foil



Figure + Diamètre • Figura + Misura • Figure + Size

Data-Matrix-Code HIBC-Standard
(more information at www.meisinger.de)

No de référence • Numero di riferimento • Ref.-Number

Numéro US • Numero USA • US-Number

Vitesses recommandées • Numero di giri consigliato • Suggested speeds

No LOT (no coulée) • Numero di lotto • LOT-Number

<ul style="list-style-type: none"> • utilisation propre et simple • très hygiénique, influences indésirables comme humidité d'air haute ou saleté sont exclues • risque de blessure réduit • identification simple de la quantité restante 	<ul style="list-style-type: none"> • uso semplice e pulito • molto igienico, sono esclusi effetti indesiderati, dovuti a umidità elevata e sporcizia • ridotto rischio di lesioni • è semplice capire quanti pezzi rimangono 	<ul style="list-style-type: none"> • Clean and easy application • Very hygienic, undesirable influence of high humidity or dirt are excluded • Reduced risk of injury • Easy to recognise remaining stock
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Symboles d'utilisation et d'hygiène pour des instruments dentaires • Simboli indicanti l'utilizzo e la pulizia degli strumenti dentali • Application and hygiene symbols for dental instruments

Dentisterie • Odontoiatrico • Dentistry

- Prophylaxie • Profilassi • Prophylaxis
- Orthodontie • ortodonzia • Orthodontics
- Chirurgie maxillo-faciale • chirurgia maxillo facciale • Oral surgery
- Implantologie • Implantologia • Oral implantology
- Système de tenons d'obturation radiculaire • Perni • Implant pin system (post system)
- Bone Management®

Laboratoire • Laboratorio dentale • Dental laboratory

- Technique de précision dentaire • Per protesi calibrée • Laboratory precision technique
- Technique des stellites • Scheletrati • Model casting technique
- Elaboration de modèles • Preparazione di modelli • Model casting
- Technique de la résine • Provisori • Acrylic technique
- Couronnes et ponts • Ponti e corone • Crown and bridge technique
- Technique du revêtement et de la céramique • Tecnica di rivestimento in ceramica • Veneer and ceramic technique

Les explications donnent des conseils d'utilisation pour les instruments dentaires rotatifs. L'utilisateur est responsable de l'application correcte. Veuillez considérer aussi les conseils d'utilisation et de sécurité des produits MEISINGER pour le médecine et aussi les conseils de retraitement. Vous les trouverez dans ce catalogue - voir page 197, sur notre site internet www.meisinger.de ainsi que sur demande par courrier.

I simboli danno solamente indicazioni sulle possibilità di applicazione dei prodotti. Il modo d'uso concreto viene deciso dall'utilizzatore, che se ne prende la completa responsabilità in accordo con le indicazioni esistenti. Vi preghiamo di osservare sempre le indicazioni d'uso e di sicurezza dei prodotti MEISINGER nel settore medico e le istruzioni per la pulizia. Si trovano in questo catalogo a pag. 197 ed in Internet all'indirizzo www.meisinger.de, oppure potete chiederle per posta.

Traitement dentaire • Terapia dentali • Dental treatment

- Préparation de cavité • Preparazione di cavità • Preparation of cavities
- Forage d'obturations anciennes • rimozione di vecchie otturazioni • Removal of old fillings
- Traitement d'obturation • Trattamento di otturazioni • Treatment of fillings
- Préparation de l'épaulement • Preparazione di corone • Preparation of crowns
- Séparation de couronnes • Tagliacorone • Cutting of crowns
- Traitement radiculaire • Trattamento canale • Treatment of root-canal
- Lissage des racines • Lucidatura radicolare • Smoothing of tooth roots

Désinfection et stérilisation • Disinfezione e sterilizzazione • Disinfection and sterilization

- Autoclave avec 135 °C • Autoclavabile a 135 °C • Autoclave operating at 135 °C
- Désinfecteur thermique • Disinfezione termica • Thermosinfectant
- Stérilisateur d'air chaud avec 180 °C • Sterilizzazione ad aria calda a 180°C • Steriliser operating with air of 180 °C
- Ultrasonique • Ultrasuoni • Ultrasonics

The symbols give merely suggestions for the possible implementation of the products. The user decides and takes full responsibility about the precise deployment according to existing indications. Please follow general application and safety instructions for MEISINGER products in the medical area and also the advice for reprocessing. Details can be found on page 197, as well as on the internet under www.meisinger.de, or you can request for one by post.

En cas de reusage d'un produit perdu, un risque d'infection existe et une utilisation adaptée n'est pas garantie • In caso di riutilizzo di un prodotto indicato come monouso non si può escludere il rischio di infezione e non è garantita una sicurezza funzionale priva di rischi • With the reuse of disposable products the risk of infection cannot be excluded and a risk-free functional safety cannot be guaranteed


Pièce à main • Manipolo • Handpiece

103		ø 2,35 mm PM courte • M corto • HP short
104		ø 2,35 mm PM • M • HP
105		ø 2,35 mm PM L • M L • HP L
106		ø 2,35 mm PM XL • M XL • HP XL
107		ø 2,35 mm PM 95 • M 95 • HP 95
108		ø 2,35 mm PM 125 • M 125 • HP 125
124		ø 3,00 mm PM 3 • M 3 • HP 3


Contre-angle • Contrangolo • Right Angle

204		ø 2,35 mm CA • CA • RA
205		ø 2,35 mm CA L • CA L • RA L
206		ø 2,35 mm CA XL • CA XL • RA XL


FG • FG • FG

313		ø 1,60 mm FG courte • FG corto • FG short
314		ø 1,60 mm FG • FG • FG
315		ø 1,60 mm FG L • FG L • FG L
316		ø 1,60 mm FG XL • FG XL • FG XL

900 Non-monté • Non montato • unmounted

La longueur des instruments peut être plus courte ou plus longue selon le type de construction • La lunghezza totale degli strumenti può essere più lunga o un più corta a seconda del tipo di fabbricazione • The total lengths of instruments can be shorter or longer according to type of construction

•	•	◦	◦	◦	◦	◦	◦	◦	◦	◦	◦	◦
004	005	006	007	008	009	010	011	012	013	014	015	016

◦	◦	◦	◦	◦	◦	◦	◦	◦	◦	◦	◦	◦
017	018	019	020	021	022	023	024	025	026	027	028	029

◦	◦	◦	◦	◦	◦	◦	◦	◦	◦	◦	◦	◦
030	031	032	033	035	037	040	042	045	047	050	055	060

◦	◦	◦	◦	◦	◦	◦	◦	◦	◦	◦	◦	◦
065	070	075	080	085	090	095	100	110	120			

◦	◦	◦	◦	◦	◦	◦	◦	◦	◦	◦	◦	◦
125	130	135	140	145	150	160						



Le rendement maximum des instruments rotatifs de MEISINGER se situe dans les vitesses recommandées min-1 (UpM). La vitesse recommandée est une valeur théorique basée sur des suppositions techniques (construction et matériaux). Le choix de la vitesse travaillante pour une utilisation spéciale dépend du matériau à travailler, de la vitesse de l'instrument utilisé et de la pression de travail maximale. L'utilisateur est responsable d'une utilisation appropriée. Le non-respect de la vitesse indiquée peut perturber l'efficacité des instruments et/ou peut constituer un danger pour le patient resp. l'utilisateur.

Il rendimento migliore degli strumenti rotanti della MEISINGER si ottiene seguendo il numero di giri consigliato min-1 (R.P.M.). Il numero di giri consigliato è un valore teorico che si basa su condizioni tecniche ottimali (costruzione e materiale dei prodotti).

La scelta della velocità di lavorazione per uno specifico caso di applicazione, dipende anche dal materiale su cui si lavora, dalla forza motrice degli strumenti, dalla pressione massima applicata ed è a discrezione del professionista. Un numero di giri superiore od inferiore a quello raccomandato può pregiudicare l'efficacia dello strumento oppure arrecare danni al paziente o all'utilizzatore

Best results with rotary instruments by MEISINGER are obtained from the following suggested speeds min⁻¹ (R.P.M.). The recommended speed is a theoretical value and is based on optimum engineering requirements (construction and material of the product).

The choice of the working speed for a specific application case is in particular also directed on the material subsequently to be used, the instrument power as well as the maximal down force pressure and lies in estimation of the user.

To over or under exceed the given rotation speed can lead to impairment of the efficiency of the products and/or, be of danger for the patient as well as the user.

Praxis Studio Dentistry				Chirurgie Chirurgia Surgery				Implantologie implantologia Oral Implantology			
Fraises Carbure / Instruments diamantés Tungsteno / Diamante Tungsten carbide / diamond		Contre-angle Contrangolo RA		Fraises Carbure / Instruments diamantés tungsteno / Diamante Tungsten carbide / diamond		Contre-angle Contrangolo RA					
Diamètre Misura Size	FG FG FG			Diamètre Misura Size	FG FG FG						
	min ⁻¹	m/s	min ⁻¹	m/s		min ⁻¹	m/s	min ⁻¹	m/s	min ⁻¹	
005	300.000	8	160.000	4	010	50.000	2,6	50.000	2,6	200-800	
006	300.000	9	160.000	5	012	45.000	2,8	45.000	2,8		
007	300.000	11	160.000	6	014	35.000	2,6	35.000	2,6		
008	300.000	13	160.000	7	016	32.000	2,7	32.000	2,7		
009	300.000	14	160.000	8	018	28.000	2,6	28.000	2,6		
010	300.000	16	160.000	8	021	25.000	2,7	25.000	2,7		
012	300.000	19	160.000	10	023	22.000	2,6	22.000	2,6		
014	300.000	22	160.000	12	025	20.000	2,6	20.000	2,6		
016	280.000	23	160.000	13	027	18.000	2,5	18.000	2,5		
018	250.000	24	160.000	15	029	16.000	2,4	16.000	2,4		
021	210.000	23	160.000	18	031	16.000	2,6	16.000	2,6		
023	190.000	23	160.000	19	033	15.000	2,6	15.000	2,6		
025	180.000	24	120.000	16	035	15.000	2,7	15.000	2,7		
027	160.000	23	120.000	17	037	14.000	2,7	14.000	2,7		
029	150.000	23	120.000	18	040	13.000	2,7	13.000	2,7		
031	150.000	24	120.000	19	042	13.000	2,9	13.000	2,9		
033	120.000	21	120.000	21	045	11.000	2,6	11.000	2,6		
035	120.000	22	120.000	22	047	11.000	2,7	11.000	2,7		
037	120.000	23	120.000	23	050	10.000	2,6	10.000	2,6		
040	100.000	21	100.000	21	055	10.000	2,8	10.000	2,8		
042	100.000	22	100.000	22	060	9.000	2,8	9.000	2,8		
045	80.000	19	80.000	19	065	8.000	2,7	8.000	2,7		
047	80.000	20	80.000	20	070	7.000	2,6	7.000	2,6		
050	80.000	21	80.000	21	075	6.500	2,6	6.500	2,6		
055	80.000	22	80.000	22	080	6.000	2,5	6.000	2,5		
060	60.000	19	60.000	19	085	6.000	2,7	6.000	2,7		
065	60.000	20	60.000	20	090	5.500	2,6	5.500	2,6		
070	60.000	22	60.000	22	095	5.500	2,7	5.500	2,7		
075	50.000	20	50.000	20	100	5.000	2,6	5.000	2,6		
080	50.000	21	50.000	21	110	4.500	2,6	4.500	2,6		
085	45.000	20	45.000	20	120	4.000	2,5	4.000	2,5		
090	45.000	21	45.000	21	130	4.000	2,7	4.000	2,7		
095	45.000	22	45.000	22	140	3.500	2,6	3.500	2,6		
					150	3.500	2,7	3.500	2,7		
					160	3.000	2,5	3.000	2,5		
					170	3.000	2,7	3.000	2,7		
					180	2.500	2,4	2.500	2,4		
					190	2.500	2,5	2.500	2,5		
					200	2.500	2,6	2.500	2,6		
					220	2.300	2,6	2.300	2,6		



Laboratoire
Laboratorio
Laboratory

Fraises Carbure / Instruments diamantés
Tungsteno / Diamante
Tungsten Carbide / Diamond

Diamètre Misura Size	Pièce à main Manipolo HP	
	min ⁻¹	m/s
010	50.000	2,6
005	50.000	1
006	50.000	2
007	50.000	2
008	50.000	2
009	50.000	2
010	50.000	3
012	50.000	3
014	50.000	4
016	50.000	4
018	50.000	5
021	50.000	5
023	50.000	6
025	50.000	7
027	50.000	7
029	50.000	8
031	50.000	8
033	50.000	9
035	50.000	9
037	50.000	10
040	50.000	10
042	50.000	11
045	50.000	12
047	45.000	11
050	40.000	10
055	35.000	11
060	35.000	11
065	30.000	11
070	30.000	11
075	25.000	10
080	25.000	10
085	25.000	11
090	25.000	12
095	20.000	10
100	20.000	10
110	20.000	12
120	18.000	11
130	18.000	12
140	16.000	12
150	16.000	13
160	14.000	12
170	14.000	12
180	12.000	11
190	12.000	12
200	10.000	10
220	10.000	12

Cabinet et Laboratoire
Studio e laboratorio
Dentistry and Laboratory

Abrasif céramique
Abrasivi ceramici
Abrasives

Diamètre Misura Size	Pièce à main Manipolo HP		Contre-angle Contrangolo RA	
	min ⁻¹	m/s	min ⁻¹	m/s
025	50.000	7	160.000	21
027	50.000	7	160.000	23
029	50.000	8	140.000	21
031	50.000	8	120.000	19
033	50.000	9	120.000	21
035	50.000	9	120.000	22
037	50.000	10	100.000	19
040	50.000	10	100.000	21
042	50.000	11	100.000	22
045	50.000	12	80.000	19
047	50.000	12	80.000	20
050	50.000	13	60.000	16
055	50.000	14	60.000	17
060	50.000	16	60.000	19
065	50.000	17	60.000	20
070	50.000	18	60.000	22
075	50.000	20	50.000	20
080	50.000	21	50.000	21
085	50.000	22	50.000	22
090	45.000	21	45.000	21
095	45.000	22	45.000	22
100	40.000	21	40.000	21
110	35.000	20	35.000	20
120	35.000	22	35.000	22
130	30.000	20	30.000	20
140	30.000	22	30.000	22
150	25.000	20	25.000	20
160	25.000	21	25.000	21
170	25.000	22	25.000	22
180	20.000	19	20.000	19
190	20.000	20	20.000	20
200	20.000	21	20.000	21
220	18.000	21	18.000	21

Cabinet et Laboratoire
Studio e laboratorio
Dentistry and Laboratory

Instruments en acier inoxydable
Frese e fresoni in acciaio
Steel burs and cutters

Diamètre Misura Size	Pièce à main Manipolo HP		Contre-angle Contrangolo RA	
	min ⁻¹	m/s	min ⁻¹	m/s
005	50.000	1	150.000	4
006	50.000	2	120.000	4
007	50.000	2	100.000	4
008	50.000	2	90.000	4
009	50.000	2	80.000	4
010	50.000	3	70.000	4
012	50.000	3	70.000	4
014	50.000	4	60.000	4
016	50.000	4	50.000	4
018	45.000	4	45.000	4
021	40.000	4	40.000	4
023	35.000	4	35.000	4
025	30.000	4	30.000	4
027	30.000	4	30.000	4
029	25.000	4	25.000	4
031	25.000	4	25.000	4
033	25.000	4	25.000	4
035	20.000	4	20.000	4
037	20.000	4	20.000	4
040	20.000	4	20.000	4
042	20.000	4	20.000	4
045	18.000	4	18.000	4
047	18.000	4	18.000	4
050	15.000	4	15.000	4
055	15.000	4	15.000	4
060	12.000	4	12.000	4
065	12.000	4	12.000	4
070	10.000	4	10.000	4
075	10.000	4	10.000	4
080	10.000	4	10.000	4
085	10.000	4	10.000	4
090	8.000	4	8.000	4
095	8.000	4	8.000	4
100	8.000	4	8.000	4
110	7.000	4	7.000	4
120	7.000	4	7.000	4
130	6.000	4	6.000	4
140	6.000	4	6.000	4
150	5.000	4	5.000	4
160	5.000	4	5.000	4
170	4.000	4	4.000	4
180	4.000	4	4.000	4
190	4.000	4	4.000	4
200	4.000	4	4.000	4
220	3.500	4	3.500	4



Boule
pallina (rotonda)
spherical (round)



Boule avec base diamantée
pallina (rotonda) con collo
spherical (round) with collar



Cône renversé
cono rovescio
inverted cone



Cône renversé avec base diamantée
cono rovescio con collo
inverted cone with collar



Roue
ruota
wheel



Roue avec base diamantée
ruota con collo
wheel with collar



Roue striée, conique avec épaulement
ruota conica con spalla
wheel, conical with shoulder



Roue avec bout arrondi
ruota con bordi arrotondati
wheel with rounded edges



Cylindrique, côté et face tranchant
cilindrica con tagliente laterale ed in testa
cylindrical, side and end cutting



Cylindrique, rainure contournée à gauche
cilindrica con spirale a sinistra
cylindrical, spiral groove



Cylindrique, face pointue
cilindrica con punta
cylindrical, end pointed



Conique, bout arrondi et concave, bout et 1/3 latéral tranchants
conica, punta arrotondata tagliente in testa e per 1/3 lateralmente
conical, rounded edge and concave end, end cutting and 1/3 side cutting



Conique avec aiguille pointue
conica a punta
conical end pointed



Conique, bout voûté, longue
conica con punta ad elisse lunga
conical, end domed, long



Conique congé ogival (torpedo), cylindrique
torpedo, cilindrica
torpedo, cylindrical



Conique congé ogival (torpedo), conique
torpedo, conica
torpedo, conical



Conique pointu
conica a punta
conical pointed



Conique pointu, étroit
conica a punta, allungata
conical pointed, slender



Conique (en forme tronconique)
cono tronco
conical (truncated conical)



Conique (en forme tronconique)
cono tronco
conical (truncated conical)



Conique, face pointue
conica con terminale appuntito
conical, end pointed



Conique, face ronde, seule côté tranchante
conica con punta arrotondata, solo tagliente laterale
conical, end domed, side cutting only



Flamme, normal
fiamma, normale
flame, standard



Cylindrique, face en forme de flamme, longue
cilindrica, a punta, lunga
cylindrical, end pointed, long



Chapeau
gemma
bud



en forme de flamme, longue, seule côté tranchante
fiamma allungata, solo tagliente laterale
cylindrical, end pointed, long, side cutting only



Chapeau, étroit
gemma sottile
bud, slender




Chapeau, étroit, avec col superlongue
gemma sottile, collo extra lungo
bud, slender, long neck




Conique, seule face tranchante, avec pivot
conica, tagliente solo laterale, con guida
conical, side cutting only, guided




Conique congé ogival (torpedo), col longue
torpedo, collo lungo
torpedo, long neck



Cylindrique, bout arrondi
cilindrica, con bordi arrotondati
cylindrical, rounded edge



Conique avec rainure contournée
conica con spirale arrotondata
conical with spiral groove



En forme d'aiguille, court, col longue
conica appuntita, con collo lungo
needle-shaped, short, long neck




Conique, face ronde
conica, punta arrotondata
conical, end domed




Balle
proiettile
ball




Instrument d'implantation, col longue
fresa per implantologia, collo lungo
cutter for implants, long neck



Conique, seule côté tranchante
conica, tagliente solo laterale
conical, side cutting only




Conique renversé, face concave, bout arrondi
cono inverso punta arrotondata e concava
inverted conical, concave end, rounded edge




Fraise à os, conique, pointu
fresa per osso, conica appuntita
bone cutter, conical pointed



Conique, bout arrondi
conica, bordo arrotondato
conical, rounded edge



Poire, rainure contournée à gauche
pera con spirale arrotondata a sinistra
pear, spiral groove



Fraise à os, conique, avec refroidissement interne
fresa per osso conica con raffreddamento interno
bone cutter, conical pointed, with internal cooling




Interdentaire
interdentale
interdental




En forme d'aiguille, court
cono a punta corto
pointed, short



Trépan
fresa carotatrice
trephine



Oignon
cipolla
onion



Boule avec cou diamanté
fresa a palla con collo diamantato
round bur, neck diamond coated




Couteau circulaire
coltello circolare
cutter, tubular




Poire
pera
pear



Diablo
clessidra
diabolo




Mandrin pour disques, avec taraudage et tendeur
mandrini per dischi, con filettatura interna e vite
mandrel for discs, with internal thread and screw



Chapeau, rond
gemma arrotondata
bud, rounded end




Lentille
lente
lens




Mandrin avec filetage en bois, conique
mandrino conico con filettatura esterna
mandrel with external thread, conical



Balle
cono appuntito
bullet




instrument à detartrer, hexagonal
esagonale per rimuovere il tartaro
scaler, six sides




Mandrin, rainuré, cylindrique, pour des rubans de papier
mandrino cilindrico a fessura per strisce di carta abrasiva
mandrel, split, cylindrical, for sandpaper strips



Oeuf
uovo
egg



fraise, conique au bout, quatre faces, pointue
quattro lati, conica a punta
bur, conical, four sides, squared, pointed




disque, taille et bord coupants
disco tagliente sui bordi
disc, peripheral and rim cutting



Tonne
barile
barrel




fôret spiral
fresa a spirale
twist drill




disque, taille, coupant d'un bout à l'autre
disco, tagliente su entrambi i lati
disc, peripheral, distal and proximal cutting



Cylindre
barile arrotondato
barrel




Grattoir à cire, cylindrique
raschietto per cera cilindrico
wax scraper, cylindrical




disque, perforée, taille, coupant d'un bout à l'autre
disco, perforato tagliente su entrambi i lati
disc, perforated, peripheral, distal and proximal cutting




Ovale
ovale
oval



Racleur à cire, cylindrique, spiroïdal
cilindrica elicoidale per cera
wax drill, cylindrical, helicoidal




disque, en denture en biais, taille et bord coupants
disco seghettato tagliente su entrambi i bordi
disc, diagonal serrated disc, peripheral and rim cutting



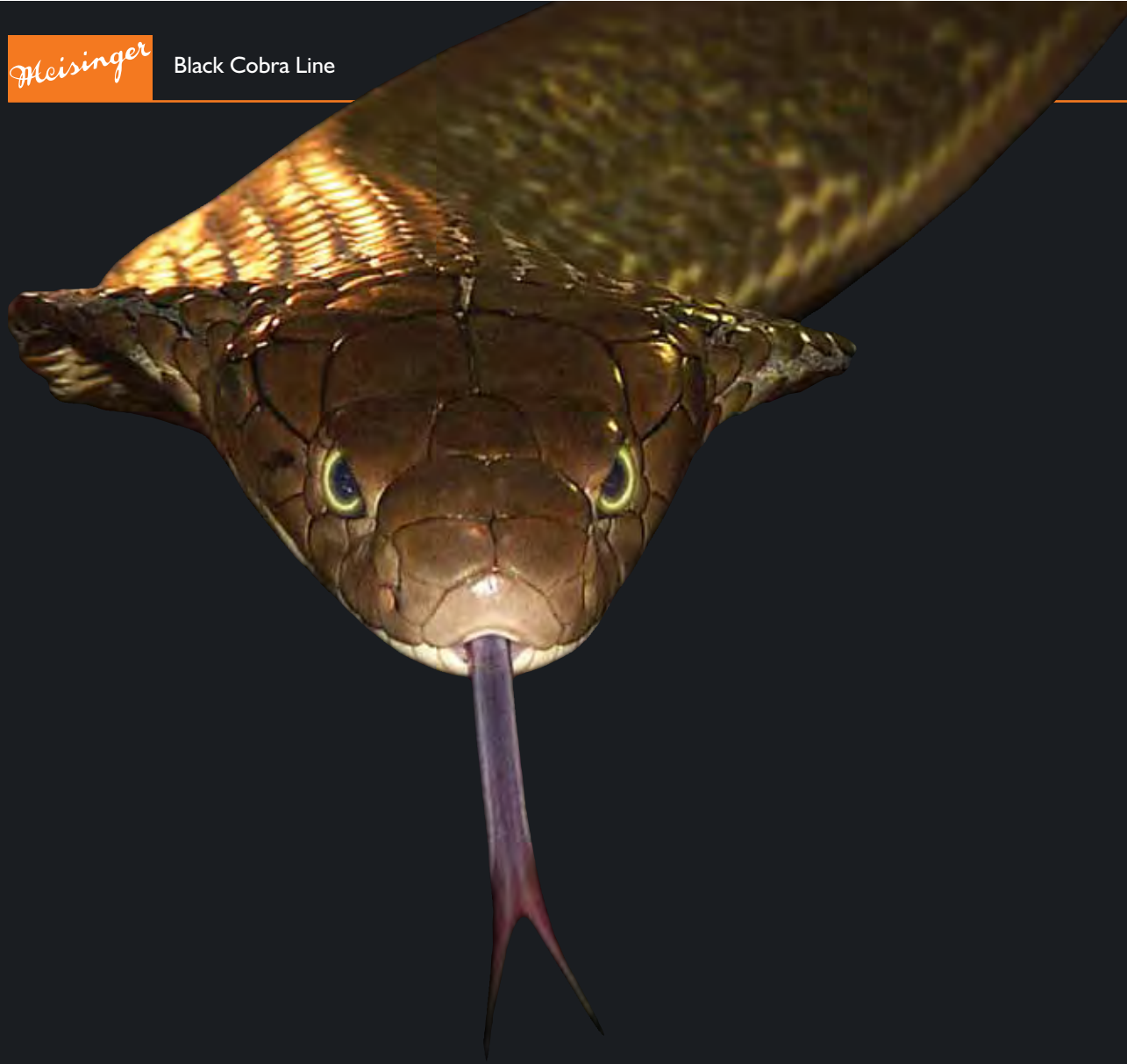
Fraise à plâtre, chapeau, rond avec cisailage
gemma arrotondata e forata per gesso
plaster cutter, bud, rounded, hollow



Roue à river
ruota rivettata
riveter



disque, en denture rainurée, coupant d'un bout à l'autre
disco con tagli obliqui, tagliente su entrambi i lati
disc, oblique slotted, peripheral, distal and proximal cutting



MEISINGER Black Cobra Line

La ligne Black Cobra de MEISINGER est composée d'une sélection d'instruments particulièrement résistants à une utilisation quotidienne en laboratoire et au cabinet.

Les excellents propriétés des fraises diamantées et carbures tungstènes sont dues à un traitement spécial de CARBOCER® (carbone diamantaire). Ce processus qui consiste à appliquer un carbone diamantaire aux fraises COBRA augmente leur dureté ainsi que leur résistance à la corrosion et à l'usure. Ce traitement donne aux fraises une couleur noire foncée caractéristique. De plus, les fraises COBRA résistent aux acides, aux alcalis et aux substances organiques et sont stables thermiquement jusqu'à 450°C.

La ligne Black Cobra de Meisinger offre des caractéristiques optimales pour tous exigences de haute qualité demandées en laboratoire et au cabinet.

La linea Black Cobra della Meisinger comprende strumenti selezionati, che sono stati progettati per essere particolarmente resistenti all'intenso uso quotidiano sia in studio che in laboratorio.

Le proprietà eccellenti delle frese diamantate COBRA e delle frese e dei fresoni in tungsteno sono ulteriormente migliorate grazie allo speciale rivestimento in CARBOCER® (diamant like carbon). Un processo appositamente sviluppato permette di applicare alle frese diamantate e alle frese ed i fresoni in tungsteno, un rivestimento di carbonio simile al diamante, che conferisce una particolare durezza, un coefficiente di attrito molto basso, un'alta resistenza all'uso ed alla corrosione, mantenendo al contempo le proprietà originali della superficie. Questo rivestimento ha un caratteristico colore nero, non riflettente. Inoltre gli strumenti sono resistenti agli acidi, agli alcali, a tutte le sostanze organiche e sono stabili termicamente sino a temperature di + 450° C.

La linea Meisinger Black Cobra offre strumenti con caratteristiche ottime per tutte le esigenze dei laboratori e degli studi moderni.

MEISINGER's Black Cobra Line comprises selected instruments which are designed to be particularly resistant to daily heavy use in modern laboratories and surgeries.

The excellent features of the COBRA diamonds and carbide cutters and burs are enhanced still further by the special CARBOCER® (diamond-like carbon) coating. A specially developed process applies a diamond-like carbon coating to the Cobra diamonds and carbide cutters and burs which provides them with extremely hard, wear-resistant, low-friction, corrosion resistant surfaces while retaining the original surface properties. This coating lends them the characteristic black colour, which is non-dazzeling. Additionally, they are resistant to acids, alkalis and organic substances and are thermally stable up to +842°F.

MEISINGER's Black Cobra Line provides optimal characteristics for all the requirements experienced in modern laboratories and dental procedures.

Black Cobra Diamonds

Pour tous
Per tutti
For all



L = 4,0

Fig.	B811
Size	033
Shank	314

L = 4,2

Fig.	B833
Size	023
Shank	314

L = 4,5 L = 4,5

Fig.	B830	B830
Size	018	023
Shank	314	314

L = 8,0

Fig.	B837
Size	014
Shank	314

L = 10,0

Fig.	B837L
Size	012
Shank	314

L = 8,0 L = 8,0

Fig.	B837R	B837R
Size	014	018
Shank	314	314

L = 8,0 L = 8,0

Fig.	B847	B847
Size	016	018
Shank	314	314

L = 8,0

Fig.	B847R
Size	018
Shank	314

L = 8,5 L = 8,5 L = 8,5 L = 8,5 L = 8,5

Fig.	B850	B850	B850	B850	B850
Size	014	016	018	021	025
Shank	314	314	314	314	314

L = 10,0 L = 10,0

Fig.	B852	B852
Size	016	018
Shank	314	314

L = 6,5 L = 6,5 L = 7,5 L = 7,5

Fig.	B855	B855	B855	B855
Size	016	018	021	023
Shank	314	314	314	314

L = 8,0 L = 8,0

Fig.	B862	B862
Size	012	014
Shank	314	314

L = 10,0

Fig.	B863
Size	014
Shank	314

L = 8,0 L = 8,0 L = 8,0

Fig.	B868	B868	B868
Size	012	014	018
Shank	314	314	314

L = 10,0 L = 10,0 L = 10,0

Fig.	B869	B869	B869
Size	012	014	016
Shank	314	314	314

L = 8,0 L = 8,0 L = 8,0

Fig.	B878	B878	B878
Size	014	016	018
Shank	314	314	314

L = 10,0 L = 10,0

Fig.	B879	B879
Size	016	018
Shank	314	314

L = 6,0 L = 6,0 L = 6,0

Fig.	B880	B880	B880
Size	012	014	016
Shank	314	314	314

L = 10,0

Fig.	B886
Size	016
Shank	314



Black Cobra Tungsten Carbide Burs (cross cut, FG)

Pour tous
Per tutti
For all



Figure	B1	B1	B1	B1
FG	010	014	018	023
US #	2	4	6	8

L = 0,8 L = 1,0 L = 1,4

Figure	B2	B2	B2
FG	008	010	014
US #	34	35	37

L = 1,8 L = 2,0

Figure	B7	B7
FG	008	010
US #	330	331



L = 2,9

Figure	B245
FG	009
US #	245

L = 4,1

Figure	B21R
FG	012

L = 4,1

Figure	B23R
FG	012

L = 3,8 L = 4,1 L = 4,1 L = 4,1 L = 4,1

Figure	B31	B31	B31	B31R	B31R
FG	009	010	012	010	012
US #	556	557	558	1557	1558



L = 4,1 L = 4,5

Figure	B33	B33
FG	012	016
US #	701	702

Amalgam removal HM 31A, Crown cutter HM 31C and HM 33 C, developed with University RWTH Aachen.

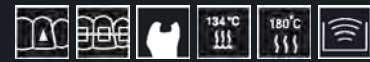
Figure	HM 31A	HM 31C	HM33C
Size	012	012	012
Shank	314	314	314



More information about the crown cutters on page 63.

Black Cobra Tungsten Carbide Burs (Solid Tungsten Burs)

Pour tous
Per tutti
For all



L = 3,2

Figure	B245V
Size	009
Shank	314

L = 2,2

Figure	B330
Size	008
Shank	314

L = 2,0

Figure	B331
Size	010
Shank	314

L = 4,0

Figure	B556
Size	009
Shank	314

L = 4,0

Figure	B557
Size	010
Shank	314

L = 2,0

Figure	B1000
Size	010
Shank	314

L = 4,0

Figure	B1157
Size	010
Shank	314

L = 4,0

Figure	B1556
Size	009
Shank	314

L = 4,0

Figure	B1557
Size	010
Shank	314

L = 4,0

Figure	B2000
Size	012
Shank	314

Black Cobra Surgery

Pour tous
Per tutti
For all



Fig.	BIS	BIS	BIS	BIS
Size	010	014	018	023
Shank	204 / 205	204 / 205	204 / 205	204 / 205

Fig.	B141	B141	B141	B141	B141
Size	023	027	031	035	040
Shank	104	104	104	104	104

= 5

= 2

Fig.	B141F	B141F	B141F	B141F	B141F	B141F	B141F
Size	014	018	023	027	031	035	040
Shank	205	205	104/205	104	104	104	104

= 2

L = 10,7

Fig.	B151
Size	016
Shank	316

= 2

L = 9,0

Fig.	B152
Size	014
Shank	315

= 2

L = 11,0

Fig.	B161
Size	018
Shank	104/205/316

= 2

L = 11,0

Fig.	B162
Size	016
Shank	104/205/316

= 2

L = 11,0

Fig.	B166
Size	021
Shank	104/205

= 2



Black Cobra Tungsten Carbide Cutters = 2

Denture croisée, moyenne, bague bleue
Taglio incrociato, standard, anello blu
X-cut, medium, blue ring

Denture croisée, fine, bague rouge
Taglio incrociato, fine, anello rosso
X-cut, fine, red ring

Denture croisée, grosse, bague noire
Taglio incrociato, grosso, anello verde
X-cut, coarse, green ring

Denture croisée, super grosse, bague verte
Taglio incrociato, super-grosso, anello nero
X-cut, super coarse, black ring

L=11,5 L=14,2 L=12,7 L=12,0 L=14,7

Figure	B23G	B79G	B79G	B250G	B251G
Size	023	040	060	040	060
Shank	104	104	104	104	104

L=11,5 L=14,2 L=12,7 L=12,0 L=14,7

Figure	B23F	B79F	B79F	B250F	B251F
Size	023	040	060	040	060
Shank	104	104	104	104	104

L=14,7

Figure	B251H
Size	060
Shank	104

L=14,7

Figure	B251S
Size	060
Shank	104

More information about Tungsten Carbide cutters on pages 68-75.

Black Cobra Sets

2720 Black Cobra Diamond Set



Fig.	B837	B837R	B847	B850	B850	B850	B850	B852	B852	B862	B863	B869
Shank ¹	314	314	314	314	314	314	314	314	314	314	314	314
Size	014	018	016	016	018	021	025	016	018	014	014	016
Length mm	8,0	8,0	8,0	8,5	8,5	8,5	8,5	10,0	10,0	8,0	10,0	10,0
Pieces/Kit	|	|	|	|	|	|	|	|	|	|	|	|

¹ 314=FG

2730 Black Cobra Carbide Set



Fig.	B1	B1	B1	B1	B2	B2	B2	B7	B7	B245	B31	B31	B31	B33	B33	B31R	B31R	B21R	B23R
Shank ¹	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314
Size	010	014	018	023	008	010	014	008	010	009	009	010	012	012	016	010	012	012	012
Length mm					0,8	1,0	1,4	1,8	2,0	2,9	3,8	4,1	4,1	4,1	4,5	4,1	4,1	4,1	4,1
Pieces/Kit	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|

¹ 314=FG

2740 Black Cobra Cutter Set



Fig.	B23F	B23G	B79G	B79G	B250G	B251G	B251H	B79F	B79F	B250F	B251F	B251S
Shank ¹	104	104	104	104	104	104	104	104	104	104	104	104
Size	023	023	040	060	040	060	060	040	060	040	060	060
Length mm	11,5	11,5	14,2	12,7	12,0	14,7	14,7	14,2	12,7	12,0	14,7	14,7
Pieces/Kit	|	|	|	|	|	|	|	|	|	|	|	|

¹ 104=HP

2741 Black Cobra Cutter Starter Set

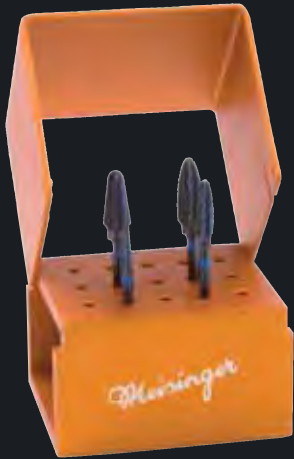


Fig.	B23G	B79G	B250G	B251G
Shank ¹	104	104	104	104
Size	023	060	040	060
Length mm	11,5	12,7	12,0	14,7
Pieces/Kit	1	1	1	1

¹ 104=HP

2742 Black Cobra Cutter Standard Set



Fig.	B23G	B79G	B250G	B251G	B23F	B79F	B250F	B251F
Shank ¹	104	104	104	104	104	104	104	104
Size	023	060	040	060	023	060	040	060
Length mm	11,5	12,7	12,0	14,7	11,5	12,7	12,0	14,7
Pieces/Kit	1	1	1	1	1	1	1	1

¹ 104=HP



Les instruments diamantés de MEISINGER consistent d'une tige et d'une forme brute durcie et inoxydable recouverts de diamants naturels sélectionnés à travers le procédé galvanique le plus moderne. Une couche de diamant homogène, solide et durable garantie des résultats fonctionnels optimaux. Par le choix de 7 grains différents de diamant, l'utilisateur y contribue aussi.

Il gambo e la sagoma della testa degli strumenti diamantati della MEISINGER sono prodotti in acciaio inox indurito. La testa dello strumento viene ricoperta con granuli scelti di diamanti naturali per mezzo della tecnica avanzata di galvanizzazione. Questo garantisce una diamantatura omogenea, duratura e resistente dello strumento e quindi ottimi risultati di lavoro. Questi risultati sono ulteriormente assicurati dalla possibilità di scelta dell'operatore tra sette diverse granulometrie.

MEISINGER diamond instruments consist of a shank and a hardened, stainless profile body coated by means of the most modern galvanisation process, with selected diamond grains. This guarantees an extremely homogenous, safe and lasting diamond coating of the instruments and thus optimal working results. In addition, the user is guaranteed a choice from up to seven different grain sizes.

		2 anneaux noirs 2 anelli neri 2 black rings	ultra gros ultra grosso ultra coarse	= S 554	425–500 µm	Pré-meulage super rapide Sgrossatura molto veloce Super coarse pre-grinding
		Anneau noir Anello nero Black ring	super gros super grosso super coarse	= H 544	151–213 µm	Pré-meulage rapide Sgrossatura veloce Coarse pre-grinding
		Anneau vert Anello verde Green ring	gros grosso coarse	= G 534	107–181 µm	Pré-meulage Sgrossatura Pre-grinding
		Anneau bleu Anello blu Blue ring	moyen medio medium	524	64–126 µm	Meulage universel Prelucidatura universale Universal grinding
		Anneau rouge Anello rosso Red ring	fin fine fine	= F 514	27–76 µm	Meulage Brillantatura Smoothing
		Anneau jaune Anello giallo Yellow ring	extra fin extra fine extra fine	= C 504	10–36 µm	Préfinissage des composites Prelucidatura di composito Prefinishing of composites
		Anneau blanc Anello bianco White ring	ultra fin ultra fine ultra fine	= U 494	4–14 µm	Finition de composites et finissage optimal Lucidatura finale di composito e brillantatura Final finishing of composites and smoothing

L'utilisation de diamants super gros (ISO 534, 544 und 554) peut résulter au développement thermique élevé. En utilisant ces produits, veillez au refroidissement suffisant et à la pression de travail minimale. Pour arriver aux profondeurs, un finissage est indispensable après l'utilisation des instruments diamantés. A partir de la taille 031, utiliser un moyen de refroidissement supplémentaire (seringue). Lors de l'utilisation dans la bouche, utiliser systématiquement une protection.

L'utilizzo delle frese diamantate con granulometria più grossa (ISO 534, 544 e 554) può portare ad un elevato sviluppo termico. Queste frese durante l'uso debbono essere raffreddate adeguatamente e si deve applicare solo una pressione minima. Dopo aver ottenuto la superficie desiderata con l'utilizzo delle frese diamantate, è essenziale proseguire con le frese a finire.

Le frese diamantate con misura superiore a 031 si devono utilizzare con il raffreddamento addizionale (siringa ad acqua). Usare sempre una protezione del disco, per un uso intra-orale dei dischi diamantati.

The use of the coarse grain diamonds (ISO 534, 544 und 554) can lead to increased thermal development. Therefore, while using these products please take particular note of adequate cooling and minimal applied pressure. After attaining ideal rough depths with the diamond instrument, the subsequent use of a finishing bur is essential. Instruments from size 031 to be used with additional cooling (syringe).

Always use protector when using diamond discs intra-oral!

Instruments diamantés universels Frese · Diamantate universali · Diamond instruments universal

Fig. 801	801L	389	802	802L	802KG	805	806	807	808	808L	808R	809	809R	811	811L	813	815
Page 28	28	28	28	28	29	29	29	29	29	29	30	30	30	30	30	30	30
Fig. 818	819	820	822	824	825	826	827	829	830	831	833	833KH	833L	834	834A	835	836
Page 30	31	31	31	31	31	31	31	31	32	32	32	32	32	32	32	33	33
Fig. 837	837L	837XL	838	838L	839	839R	840	841	842	843	845	845R	846	846KR	846R	847	847KR
Page 33	33	33	34	34	34	34	34	34	35	35	35	35	5	35	36	36	36
Fig. 847R	848	848R	849	849L	850	851	851L	852	854	854L	855	855L	856	857	858	859	859L
Page 36	36	36	37	37	37	37	37	37	38	38	38	38	38	38	39	39	39

Fig.	860	861	861K	862	863	863K	863L	865L	866	867	868	869	869L	870	871	872	873	875	
Page	39	39	39	39	40	40	40	40	40	40	41	41	41	41	41	41	41	41	42

Fig.	876	405S	877	878	879	880	881	881PS	882	883H	884	885	886	888	888LG	889L	890	890L
Page	42	42	42	42	43	43	43	43	43	43	44	44	44	44	44	44	44	44

Fig.	891	893	894	895	895L	896	897F	897R	898	899	907	908	909	D203	508	509
Page	45	45	45	45	45	45	45	45	45	45	46	46	46	46	46	46

Fig.	83804	83806	83808	838G4	838G6	838G8
Page	47	47	47	47	47	47



Diamants pour oxyde de zircon · Frese diamantate per ossido di zirconio · Diamonds for zirconium oxide Instruments diamantés CE · Frese diamantate CE · CE diamonds

Fig.	848Z	852Z	881Z	886Z	Z0850	Z0863	Z0833	Z801L	Z8001	Z838L
Page	48	48	48	48	49	49	49	49	49	49

Fig.	808D	808LD	837D	837LD	847D	848D
Page	49	49	49	49	49	49

Micro-diamants · Frese diamantate micro · Micro diamonds

Fig.	M801	M833	M838	M880	M889	M890	M895	M896
Page	50	50	50	50	50	50	50	50

Disques diamantés · Dischi diamantati · Diamond discs

Fig.	910D	911D	914	915	915D
Page	51	51	51	51	51

Fig.	916	916D	917	918	918D	921DC	930F	930D	932F	932D	934F	935D	231DC	940F	943DC	947D	991C	993C
Page	51	51	51	52	52	52	52	52	52	52	52	53	53	53	53	53	53	53

Instruments diamantés dans la masse · Frese diamantate sinterizzate · Sintered diamonds

Fig.	S801	S805	S807	S818	S837	S838	S847	S850	S852	S861	S862	S879
Page	54	54	54	54	54	54	54	54	54	54	54	54

Fig.	S941	S935C	S936C	S937C
Page	55	55	55	55

Pierre blanche pour nettoyage des instruments diamantés dans la masse · Pietra bianca per pulire le frese diamantate sinterizzate · Sintered diamond cleaning stone

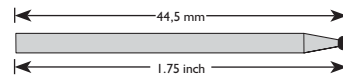


Pierre blanche pour nettoyage des instruments diamantés · Pietra bianca per pulire le frese diamantate · Diamond cleaning stone

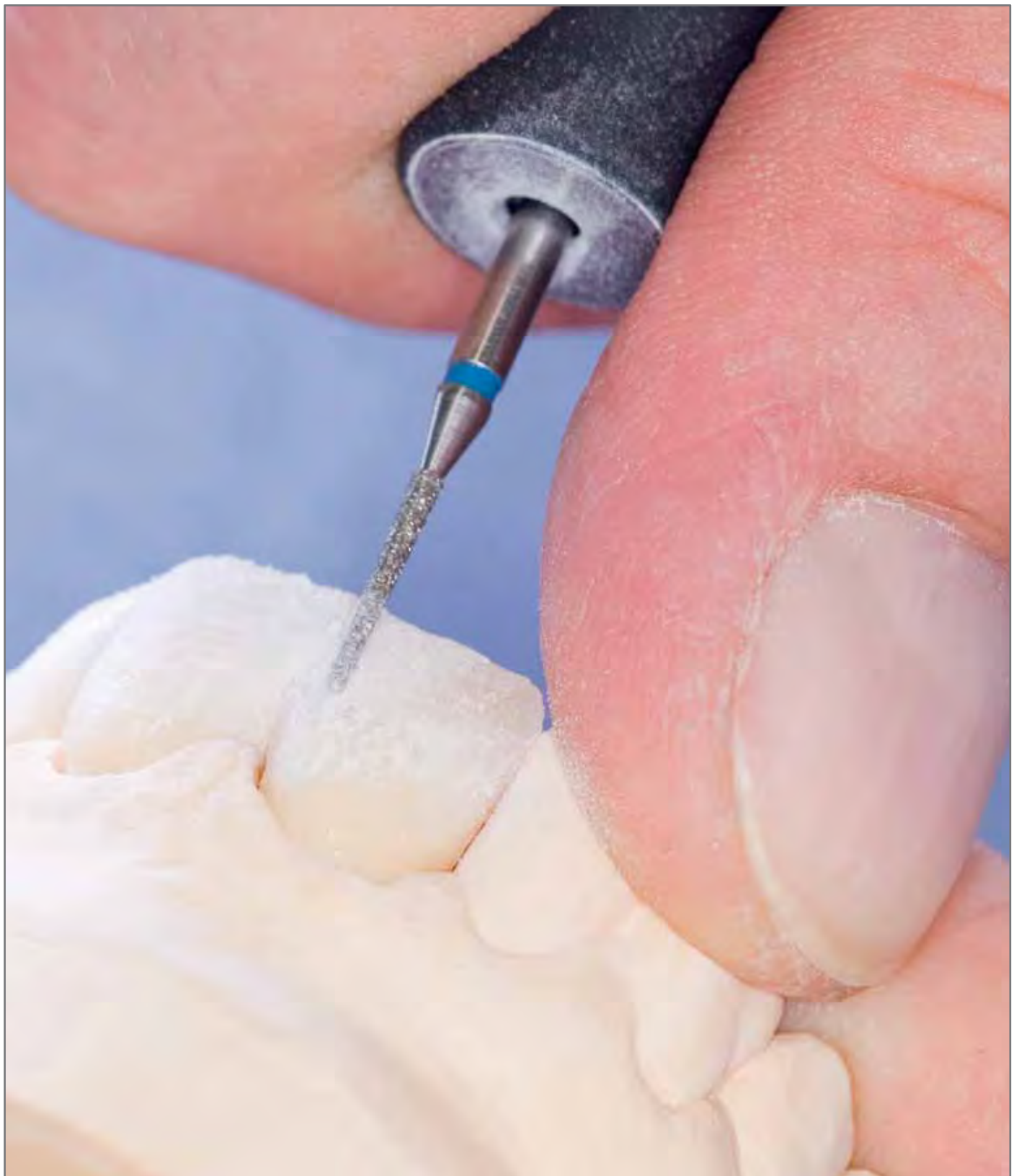


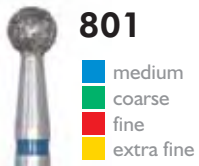


Pièce à main • Manipolo • Handpiece



ø 2,35 mm PM • M • HP

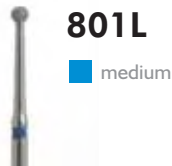




801

- medium
- coarse
- fine
- extra fine

Page 28



801L

- medium

Page 28



805

- medium

Page 29



807

- medium

Page 29



808L

- medium

Page 29



813

- medium

Page 30



818

- medium

Page 30



822

- medium

Page 31



825

- medium

Page 31



830

- medium
- fine

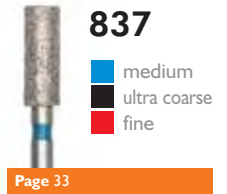
Page 32



835

- medium

Page 33



837

- medium
- ultra coarse
- fine

Page 33



837L

- medium
- coarse

Page 33



837XL

- medium

Page 33



838L

- medium

Page 34



839

- medium

Page 34



845

- medium

Page 35



847

- medium

Page 36



848

- medium
- coarse

Page 36



849

- medium
- coarse

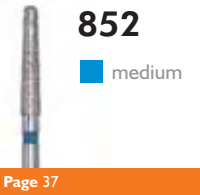
Page 37



850

- medium
- coarse
- fine

Page 37



852

- medium

Page 37



854L

- medium

Page 38



855

- medium

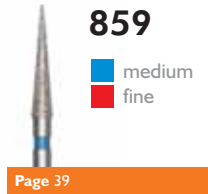
Page 38



858

- medium
- coarse

Page 39



859

- medium
- fine

Page 39



860

- medium

Page 39



861

- medium

Page 39



862

- medium
- fine

Page 40



863

- medium

Page 40



868

- medium

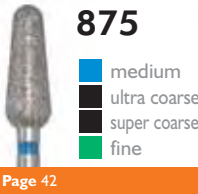
Page 41



869

- medium

Page 41



875

- medium
- ultra coarse
- super coarse
- fine

Page 42



405S

- medium

Page 42



878

- medium
- coarse

Page 42



879

- medium
- ultra coarse
- super coarse
- fine

Page 43



881PS

- ultra coarse

Page 43



909

- medium

Page 46



D203

- medium

Page 46



801

medium

- 801H super coarse
- 801G coarse
- 801F fine
- 801C extra fine
- 801U ultra fine

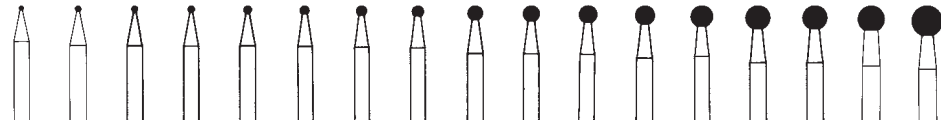


Fig.	Shank	Ref.-No.		5	5	5	5	5	5	5	5	5	5	5	5	5	5	2	2
801	HP	806 104 001 524				009	010	012	014	016	018	021	023		027			033	
	RA	806 204 001 524				009	010	012	014	016	018	021	023		027			033	
	RA XL	806 206 001 524											021						
	FG short	806 313 001 524					010	012	014										
	FG	806 314 001 524		007	008	009	010	012	014	016	018	021	023	025	027	029		033*	035	042
FG XL	806 316 001 524					010	012	014	016	018									
801H	FG	806 314 001 544							014	016	018	021	023	025	027	029			
	FG XL	806 316 001 544							014	016	018		023			029	031		
801G	HP	806 104 001 534					010		014	016	018	021	023					033	
	FG	806 314 001 534				009	010	012	014	016	018	021	023	025	027	029			
	FG XL	806 316 001 534							014	016	018		023						
801F	HP	806 104 001 514								016									
	RA	806 204 001 514								016	018		023					033	
	FG	806 314 001 514		007	008		010	012	014	016	018	021	023	025	027	029		033*	035
801C	HP	806 104 001 504											023						
	RA	806 204 001 504						012					023						
	FG	806 314 001 504		007	008	009	010	012	014	016	018	021	023	025	027	029		033*	
801U	FG	806 314 001 494					010		016			023							



= 2

801L

medium

- 801LG coarse

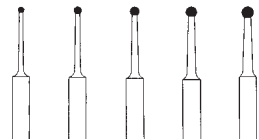


Fig.	Shank	Ref.-No.		5	5	5	5	5
801L	HP	806 104 697 524		008	010	012		016
	FG	806 314 697 524			010	012	014	016
801LG	FG	806 314 697 534			010	012	014	016



389

Tungsten Carbide

Diamond

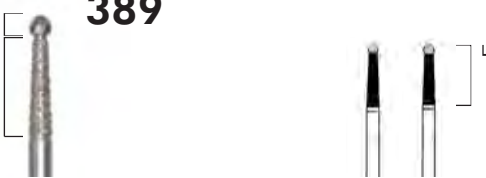


Fig.	Shank	Ref.-No.		2	2
				L mm 8,0 8,0	
389	FG XL	806 316 494 020		012	014



802

medium

- 802G coarse

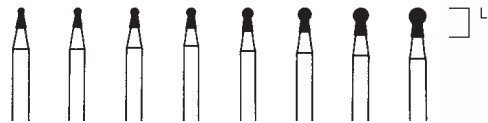


Fig.	Shank	Ref.-No.		5	5	5	5	5	5	5	5	
				L mm 3,0 3,0 3,0 3,5 3,5 3,5 4,0 4,0								
802	FG	806 314 002 524		009	010	012	014	016	018	021	023	
802G	FG	806 314 002 534			010	012	014	016				



802L

medium

- 802LG coarse



Fig.	Shank	Ref.-No.		5	2	5	5
				L mm 10,0 8,0 10,0 10,0			
802L	RA L	806 205 494 524			014		
802LG	FG	806 314 494 534		012		016	019



802K

802KG coarse



Fig.	Shank	Ref.-No.		5
			L mm	9,0
802KG	FG	806 314 551 534		014
	FG L	806 315 551 534		014



Face non-diamantée, sans nuire la zone cervicale
 Punta non diamantata, a protezione dell'area subgingivale
 Tip not diamond coated, for gentle administration of the cervical area

805

medium

805H super coarse
 805G coarse
 805F fine
 805C extra fine



Fig.	Shank	Ref.-No.		5	5	5	5	5	5	5	5	5
			L mm	0,9	1,0	1,5	1,5	1,5	2,3	2,3	2,5	2,5
805	HP	806 104 012 524			010	012	014	016	018	021	025	027
	RA	806 204 012 524				012	014	016	018	021		
	FG short	806 313 012 524				012						
	FG	806 314 012 524		009	010	012	014	016	018	021	025	
805H	FG	806 314 012 544					014	016				
805G	FG	806 314 012 534			010	012	014	016	018			
805F	FG	806 314 012 514			010		014					
805C	FG	806 314 012 504				012						



806

806G coarse

medium



Fig.	Shank	Ref.-No.		5	5	5	5	5	5
			L mm	2,5	2,5	3,0	3,0	3,0	3,0
806	FG	806 314 019 524		009	010	012	014	016	018
806G	FG	806 314 019 534			010	012	014	016	



807

807G coarse

medium

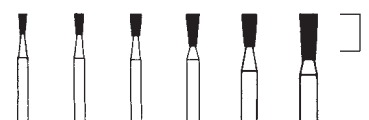


Fig.	Shank	Ref.-No.		5	5	5	5	5	5
			L mm	3,5	3,5	4,0	5,0	5,0	6,0
807	HP	806 104 225 524					018	021	025
	FG	806 314 225 524		012	014	016	018		
807G	FG	806 314 225 534			014	016	018		



808

808H super coarse
 808G coarse
 808F fine
 808C extra fine

medium

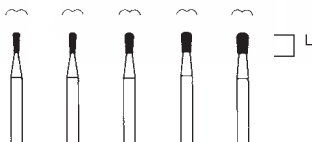


Fig.	Shank	Ref.-No.		5	5	5	5	5
			L mm	2,7	2,7	2,7	3,0	3,0
808	FG	806 314 233 524		009	010	012	014	016
808H	FG	806 314 233 544				012	014	
808G	FG	806 314 233 534			010	012	014	016
808F	FG	806 314 233 514		009	010	012	014	
808C	FG	806 314 233 504		009				



808L

medium

808LH super coarse
 808LG coarse
 808LF fine
 808LC extra fine

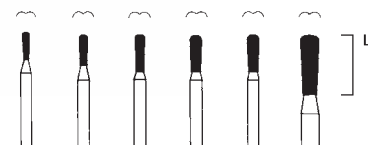


Fig.	Shank	Ref.-No.		5	5	5	5	5	5
			L mm	4,0	4,0	5,0	5,0	5,0	8,0
808L	HP	806 104 234 524							025
	FG	806 314 234 524		010	012	014	016	018	
808LH	FG	806 314 234 544				014	016		
808LG	FG	806 314 234 534			012	014	016	018	
808LF	FG	806 314 234 514			012	014			
808LC	FG	806 314 234 504			012	014			



808R

medium

808RH
808RG
808RF

super coarse
coarse
fine

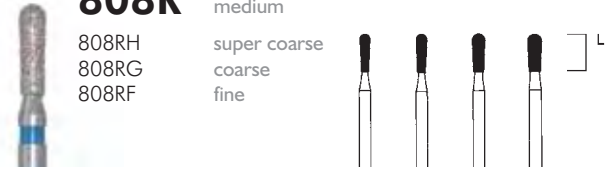


Fig.	Shank	Ref.-No.		5	5	5	5
				L mm			
808R	FG	806 314 238 524		012	014	016	018
808RH	FG	806 314 238 544			014	016	
808RG	FG	806 314 238 534		012	014	016	018
808RF	FG	806 314 238 514		012	014	016	018



809

medium



Fig.	Shank	Ref.-No.		5	5
				L mm	
809	FG	806 314 232 524		008	009



809R

medium

809RH
809RG
809RF

super coarse
coarse
fine

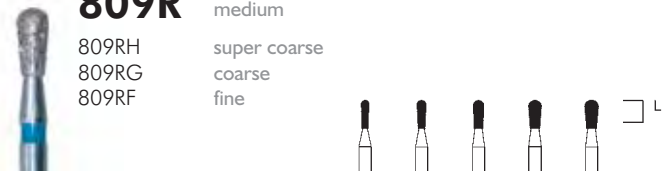


Fig.	Shank	Ref.-No.		5	5	5	5	5
				L mm				
809R	FG	806 314 237 524		010	012	014	016	018
809RH	FG	806 314 237 544			012	014	016	018
809RG	FG	806 314 237 534		010	012	014	016	
809RF	FG	806 314 237 514		010	012	014		



811

medium

811H
811G
811F

super coarse
coarse
fine

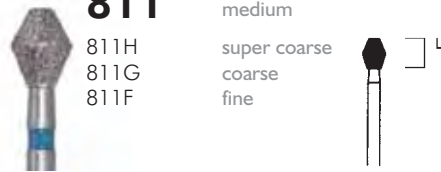


Fig.	Shank	Ref.-No.		5
				L mm
811	FG	806 314 038 524		033
811H	FG	806 314 038 544		033
811G	FG	806 314 038 534		033
811F	FG	806 314 038 514		033



811L

medium

811LH
811LG

super coarse
coarse

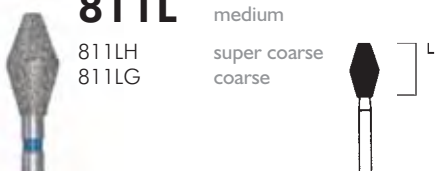


Fig.	Shank	Ref.-No.		2
				L mm
811L	FG	806 314 039 524		037
811LH	FG	806 314 039 544		037
811LG	FG	806 314 039 534		037



813

medium



Fig.	Shank	Ref.-No.		2
				L mm
813	HP	806 104 014 524		060



815

medium

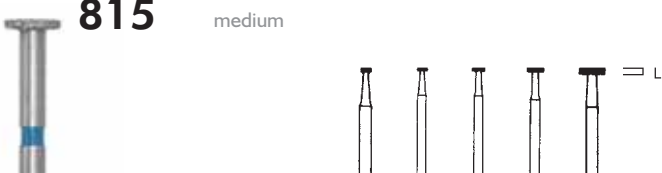


Fig.	Shank	Ref.-No.		5	5	5	5	5
				L mm				
815	FG	806 314 042 524		012	014	018	023	035



818

medium

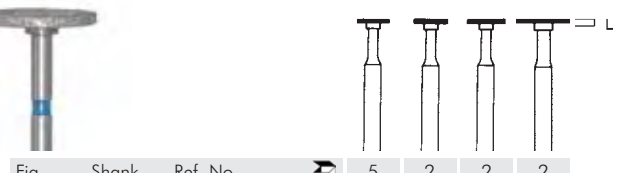


Fig.	Shank	Ref.-No.		5	2	2	2
				L mm			
818	HP	806 104 041 524		042	045	050	075
	FG	806 314 041 524					



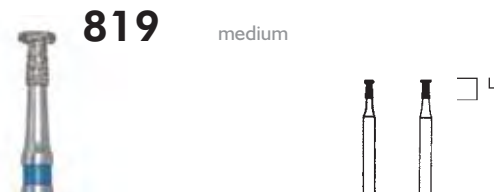


Fig.	Shank	Ref.-No.		5	5
			L mm	2,5	2,5
819	FG	806 314 044 524		012	014

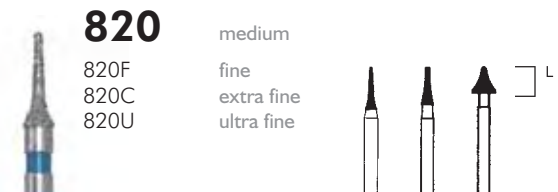


Fig.	Shank	Ref.-No.		5	5	5
			L mm	5,0	5,0	4,0
820	FG	806 314 465 524			016	
820F	RA	806 204 465 514			016	
	FG	806 314 465 514			016	031
820C	FG	806 314 465 504		014	016	031
820U	FG	806 314 465 494			016	



Tailles 014 et 016 pour le traitement des surfaces interdentaires
 Le misure 014 e 016 servono alla preparazione di superfici interdentali
 The size 014 and 016 are for use on interdental surfaces

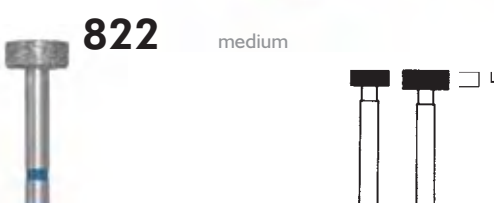


Fig.	Shank	Ref.-No.		2	2
			L mm	2,0	2,5
822	HP	806 104 042 524			060
	FG	806 314 042 524		050	

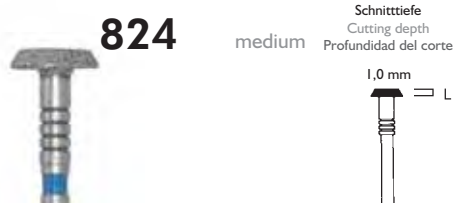


Fig.	Shank	Ref.-No.		5
			L mm	1,0
824	FG	806 314 055 524		042

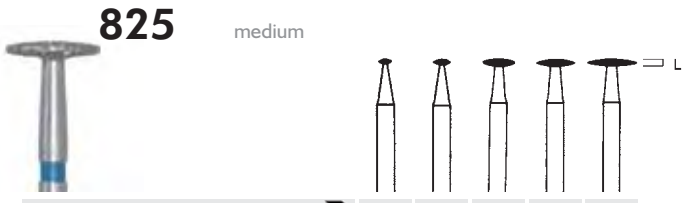


Fig.	Shank	Ref.-No.		5	5	2	2	2
			L mm	0,4	0,6	0,8	0,8	0,8
825	HP	806 104 304 524			023		050	065
	FG	806 314 304 524		016	023	042	050	

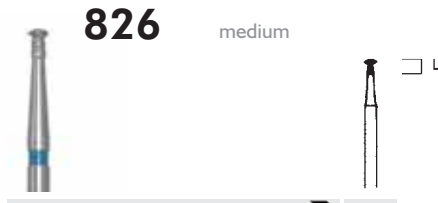


Fig.	Shank	Ref.-No.		5
			L mm	2,0
826	FG	806 314 310 524		016

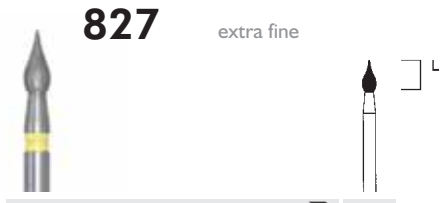


Fig.	Shank	Ref.-No.		5
			L mm	4,0
827C	FG	806 314 464 504		018

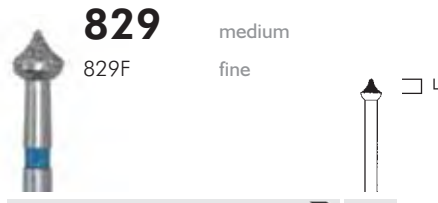
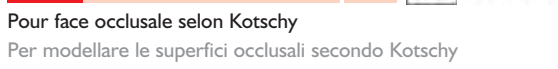


Fig.	Shank	Ref.-No.		5
			L mm	1,6
829	FG	806 314 463 524		027
829F	FG	806 314 463 514		027



Pour face occlusale selon Kotschy
 Per modellare le superfici occlusali secondo Kotschy
 For the occlusal surface design - according to Kotschy

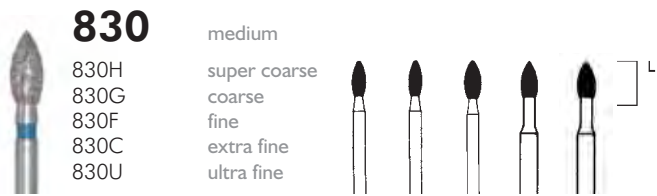


Fig.	Shank	Ref.-No.	L mm	5				
				4,5	4,5	5,0	5,0	6,0
830	HP	806 104 257 524						023
	FG	806 314 257 524		016	018	021	023	
830H	FG	806 314 257 544		016	018		023	
	RA	806 204 257 534					023	
830G	FG	806 314 257 534		016	018		023	
	HP	806 104 257 514					023	
	RA	806 204 257 514					023	
830F	FG	806 314 257 514		016	018	021	023	
	RA	806 204 257 504					023	025
	FG	806 314 257 504		016	018	021	023	
830U	FG	806 314 257 494		016				



Fig.	Shank	Ref.-No.	L mm	5	
				3,5	3,5
831	FG	806 314 254 524		016	018
831H	FG	806 314 254 544		016	018
831G	RA	806 204 254 534		016	
	FG	806 314 254 534		016	018
831F	FG	806 314 254 514		016	018
831C	FG	806 314 254 504		016	018
831U	FG	806 314 254 494		016	018

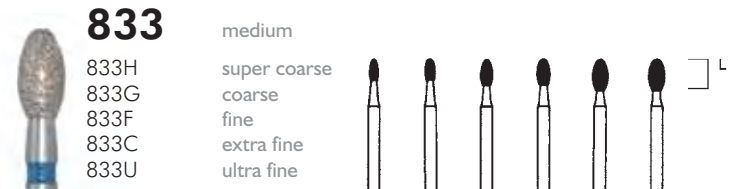


Fig.	Shank	Ref.-No.	L mm	5					
				2,8	2,8	3,4	3,4	4,2	4,2
833	FG	806 314 277 524			014	016	018		023
833H	FG	806 314 277 544			014	016	018		023
833G	FG	806 314 277 534			014	016	018		023
833F	RA	806 204 277 514							023
	FG	806 314 277 514		012	014	016	018	021	023
833C	FG	806 314 277 504			014	016	018		023
833U	FG	806 314 277 494			014	016			023

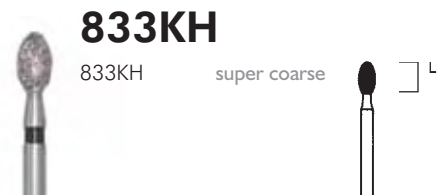


Fig.	Shank	Ref.-No.	L mm	5
				4,2
833KH	FG	806 314 272 544		024

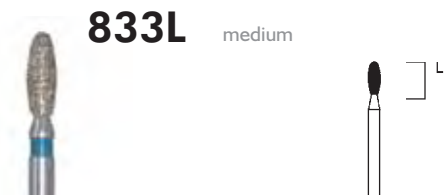


Fig.	Shank	Ref.-No.	L mm	5
				5,0
833L	FG	806 314 278 524		018

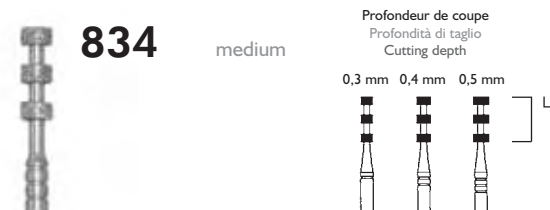
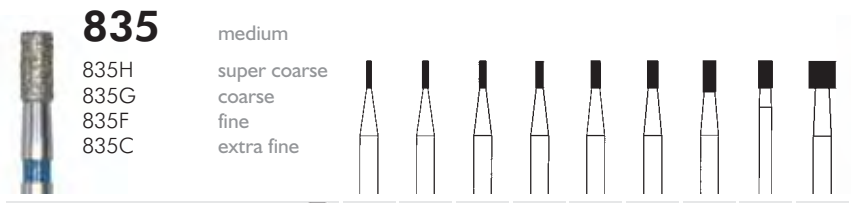


Fig.	Shank	Ref.-No.	L mm	Profondeur de coupe / Profondità di taglio / Cutting depth		
				0,3 mm	0,4 mm	0,5 mm
834	FG	806 314 552 524		016	018	021



Fig.	Shank	Ref.-No.	L mm	2
				3,5
834A	FG	806 314 242 524		031





835

medium
 835H super coarse
 835G coarse
 835F fine
 835C extra fine

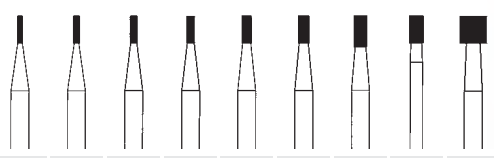


Fig.	Shank	Ref.-No.	L mm	Grit											
				5	5	5	5	5	5	5	5	5	5	2	
835	HP	806 104 108 524						010	012						035
	RA	806 204 108 524			008			010	012	014					
	FG short	806 313 108 524			008		009	010	012	014					
	FG	806 314 108 524	007	008	009	010	010	012	014	016	018				
835H	FG	806 314 108 544						010	012	014	016				
835G	FG short	806 313 108 534						010							
	FG	806 314 108 534				009	010	012	014	016	018				
835F	FG	806 314 108 514		008			010	012	014						
835C	FG	806 314 108 504						012							



836

medium
 836G coarse
 836C extra fine

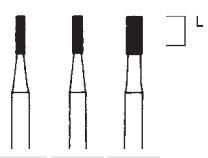
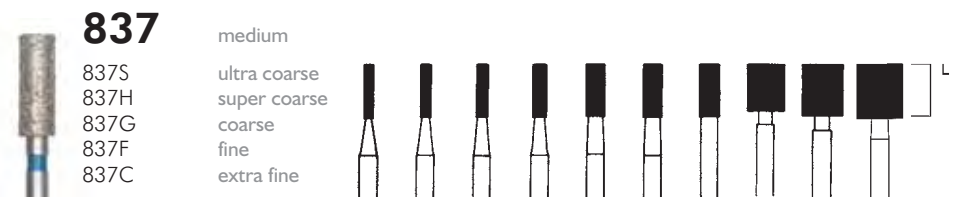


Fig.	Shank	Ref.-No.	L mm	Grit		
				5	5	5
836	RA	806 204 109 524		014		
	FG	806 314 109 524	012	014	018	
836G	FG	806 314 109 534		014		
836C	FG	806 314 109 504	012			



837

medium
 837S ultra coarse
 837H super coarse
 837G coarse
 837F fine
 837C extra fine

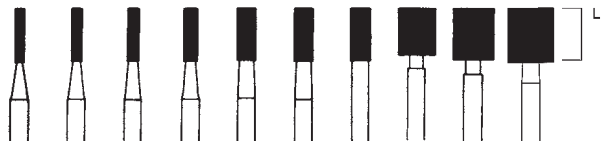
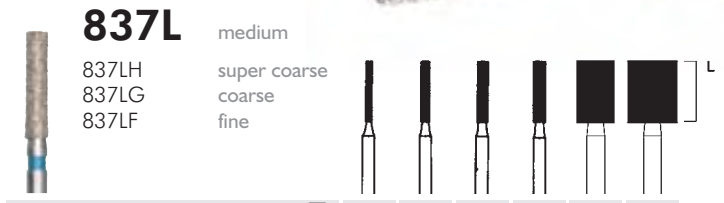


Fig.	Shank	Ref.-No.	L mm	Grit									
				5	5	5	5	5	5	5	5	2	2	2
837	HP	806 104 110 524		012	014	016	018	023		027		055	060
	RA	806 204 110 524		012									
	FG	806 314 110 524		012	014	016	018		025	027			
837S	HP	806 104 110 554											060
837H	HP	806 104 110 544								050			060
	FG	806 314 110 544		012	014	016							
837G	FG short	806 313 110 534		012	014								
	FG	806 314 110 534		012	014	016	018						
837F	HP	806 104 110 514											060
	FG	806 314 110 514		012	014	016							
837C	FG	806 314 110 504			014								



837L

medium
 837LH super coarse
 837LG coarse
 837LF fine

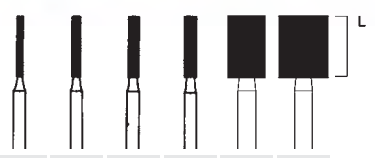
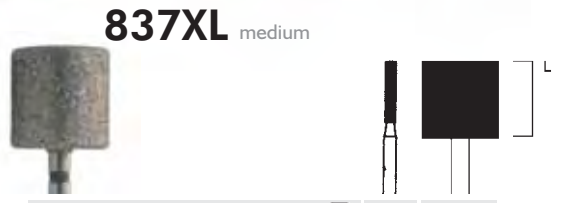


Fig.	Shank	Ref.-No.	L mm	Grit					
				5	5	5	5	2	2
837L	HP	806 104 111 524				014	016		
	FG	806 314 111 524		010	012	014	016		
837LH	FG	806 314 111 544			012	014	016		
837LG	HP	806 104 111 534						050	065
	FG	806 314 111 534			012	014	016		
837LF	FG	806 314 111 514			012	014	016		



837XL

medium

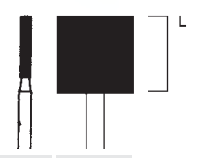
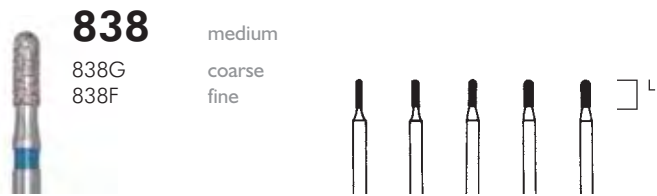


Fig.	Shank	Ref.-No.	L mm	Grit	
				5	2
837XL	HP	806 104 112 524			100
	FG	806 314 112 524	014		





838

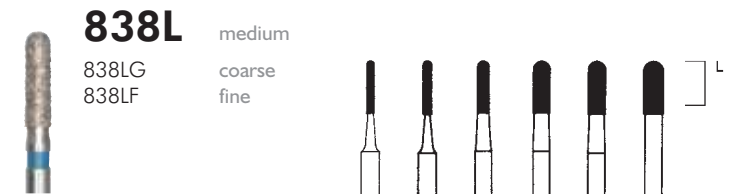
medium

838G
838F

coarse
fine



Fig.	Shank	Ref.-No.		5	5	5	5	5
				L mm				
838	FG	806 314 138 524		008	009	010	012	014
838G	FG	806 314 138 534					012	014
838F	FG	806 314 138 514				010	012	



838L

medium

838LG
838LF

coarse
fine

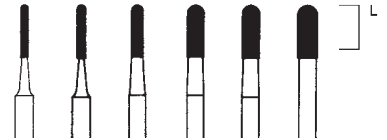
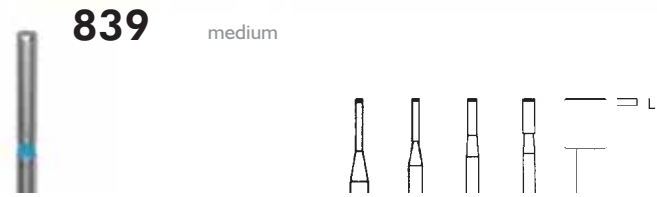


Fig.	Shank	Ref.-No.		5	5	5	5	5	5
				L mm					
838L	HP	806 104 140 524					016	023	027
	RA	806 204 140 524					016		
	FG	806 314 140 524		010	012	014	016		
838LG	FG	806 314 140 534			012	014			
838LF	FG	806 314 140 514			012				



839

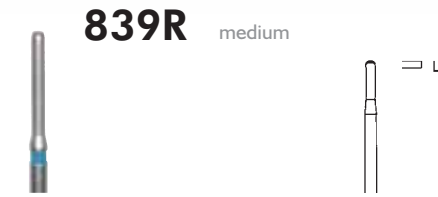
medium



Fig.	Shank	Ref.-No.		5	5	5	5	2
				L mm				
839	HP	806 104 150 524						050
	RA	806 204 150 524		010				
	FG	806 314 150 524		010	012	014	016	



Meulette pour épaulement • Parte lavorante in testa • End cutting only



839R

medium

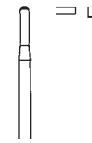
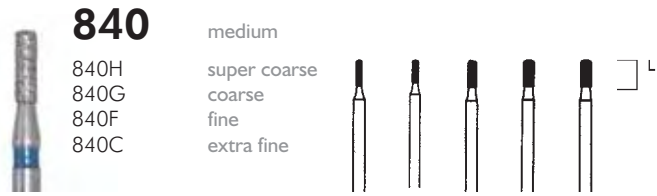


Fig.	Shank	Ref.-No.		5
				L mm
839R	FG	806 314 179 524		012



Meulette pour épaulement, bord biseauté
Parte lavorante in testa, angoli smussati
End cutting only, beveled edge



840

medium

840H
840G
840F
840C

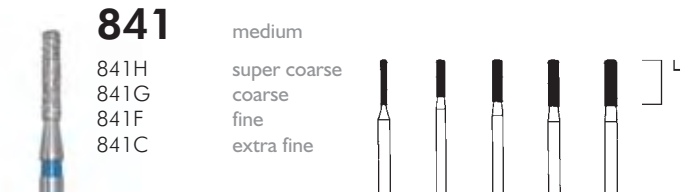
super coarse
coarse
fine
extra fine



Fig.	Shank	Ref.-No.		5	5	5	5	5
				L mm				
840	FG	806 314 156 524		008	010	012	014	016
840H	FG	806 314 156 544			010	012	014	
840G	FG	806 314 156 534		008	010	012	014	016
840F	FG	806 314 156 514		008	010	012	014	
840C	FG	806 314 156 504			010			



Bord arrondi • Bordo arrotondato • Rounded edge



841

medium

841H
841G
841F
841C

super coarse
coarse
fine
extra fine

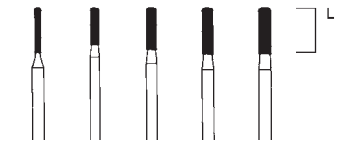


Fig.	Shank	Ref.-No.		5	5	5	5	5
				L mm				
841	FG	806 314 157 524		008	010	012	014	016
841H	FG	806 314 157 544				012	014	
841G	FG	806 314 157 534				012	014	
841F	FG	806 314 157 514		008	010	012	014	
841C	FG	806 314 157 504			010	012		



Bord arrondi • Bordo arrotondato • Rounded edge



842

medium

842H super coarse
842G coarse
842F fine
842C extra fine

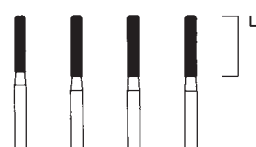
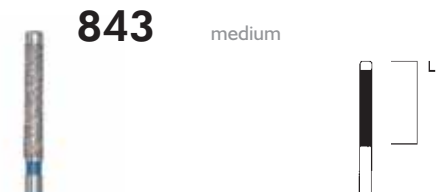


Fig.	Shank	Ref.-No.		5	5	5	5
				L mm			
842	FG	806 314 158 524		012	014	016	018
842H	FG	806 314 158 544		012	014	016	018
842G	FG	806 314 158 534		012	014	016	018
842F	FG	806 314 158 514		012	014	016	
842C	FG	806 314 158 504		012	014	016	



Bord arrondi • Bordo arrotondato • Rounded edge



843

medium

Fig.	Shank	Ref.-No.		5
				L mm
843	FG XL	806 316 152 524		016



Selon Küpper
Réduction contrôlée du matériau lors de la préparation couronnes
Secondo Küpper
Per rimozione definitiva di materiale nella preparazione di corone
According to Küpper
For the defined material removal in crown preparation



845

medium

845H super coarse
845G coarse



Fig.	Shank	Ref.-No.		5	5	5	5	5	5
				L mm					
845	HP	806 104 168 524					010	012	016
	RA	806 204 168 524						014	
	FG	806 314 168 524		007	008	009	010	012	014 016
845H	FG	806 314 168 544						014	
845G	FG	806 314 168 534					012	014	



845R

medium

845RF fine
845RC extra fine

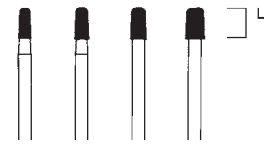
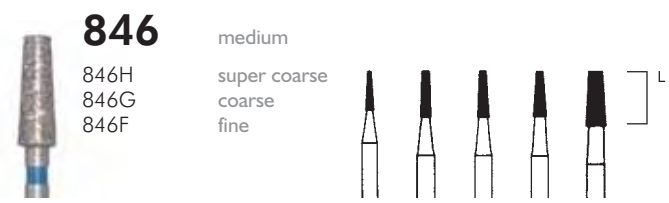


Fig.	Shank	Ref.-No.		5	5	5	5
				L mm			
845R	FG	806 314 544 524		016	018	021	025
845RF	FG	806 314 544 514		016	018		025
845RC	FG	806 314 544 504		016	018		



Bord arrondi • Bordo arrotondato • Rounded edge



846

medium

846H super coarse
846G coarse
846F fine

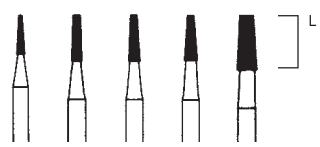
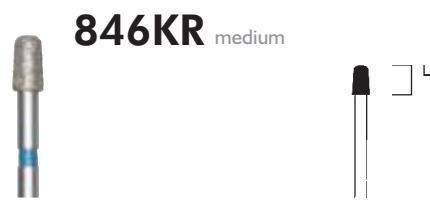


Fig.	Shank	Ref.-No.		5	5	5	5	5
				L mm				
846	FG	806 314 171 524		012	014	016	018	025
846H	FG	806 314 171 544						025
846G	FG	806 314 171 534		012		016		025
846F	FG	806 314 171 514		012		016		025



846KR

medium

Fig.	Shank	Ref.-No.		2
				L mm
846KR	FG	806 314 584 524		023



Bord arrondi • Bordo arrotondato • Rounded edge

846R

medium

- 846RH super coarse
- 846RG coarse
- 846RF fine
- 846RC extra fine

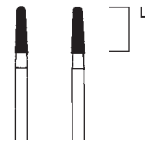


Fig.	Shank	Ref.-No.		5	5
				L mm	
846R	FG	806 314 545 524		016	018
846RH	FG	806 314 545 544		016	
846RG	FG	806 314 545 534		016	018
846RF	FG	806 314 545 514		016	018
846RC	FG	806 314 545 504		016	



Bord arrondi • Bordo arrotondato • Rounded edge

847

medium

- 847H super coarse
- 847G coarse
- 847F fine

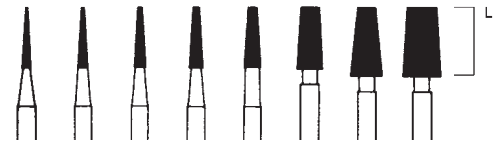
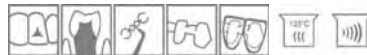


Fig.	Shank	Ref.-No.		5	5	5	5	5	2	2	2
				L mm							
847	HP	806 104 172 524			014	016	018	023	033	040	050
	RA	806 204 172 524			014	016	018				
	FG	806 314 172 524		012	014	016	018				
847H	FG short	806 313 172 544			014	016					
	FG	806 314 172 544		012	014	016	018				
847G	FG short	806 313 172 534			014	016					
	FG	806 314 172 534		012	014	016	018				
847F	FG	806 314 172 514		012	014	016					



847KR

medium

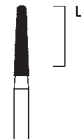


Fig.	Shank	Ref.-No.		5
				L mm
847KR	FG	806 314 585 524		016



Bord arrondi
Bordo arrotondato
Rounded edge

847R

medium

- 847RH super coarse
- 847RG coarse
- 847RF fine
- 847RC extra fine

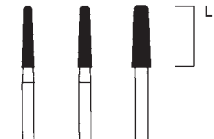


Fig.	Shank	Ref.-No.		5	5	5
				L mm		
847R	FG	806 314 546 524		016	018	023
847RH	FG	806 314 546 544		016	018	023
847RG	FG	806 314 546 534		016	018	023
847RF	FG	806 314 546 514		016	018	023
847RC	FG	806 314 546 504		016	018	023



Bord arrondi • Bordo arrotondato • Rounded edge

848

medium

- 848H super coarse
- 848G coarse
- 848F fine
- 848C extra fine

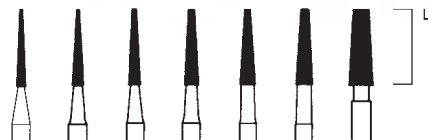


Fig.	Shank	Ref.-No.		5	5	5	5	5	5	2
				L mm						
848	HP	806 104 173 524		012	014	016	018	021	023	031
	RA	806 204 173 524				016				
	FG	806 314 173 524			014	016	018	021	023	031
848H	FG	806 314 173 544			014	016	018			
848G	FG	806 314 173 534			014	016	018	021	023	
848F	FG	806 314 173 514				016	018			
848C	FG	806 314 173 504				016				



848R

medium

- 848RF fine

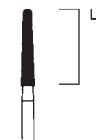


Fig.	Shank	Ref.-No.		5
				L mm
848R	FG	806 314 553 524		016
848RF	FG	806 314 553 514		016



Bord arrondi • Bordo arrotondato • Rounded edge

849

medium

849H
849G
849F

super coarse
coarse
fine

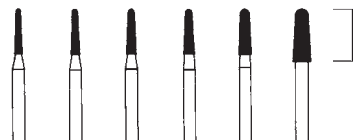


Fig.	Shank	Ref.-No.	L mm	5						
				5	5	5	5	5	5	
849	HP	806 104 197 524				014				025
	FG	806 314 197 524		010	012	014	016	018		025
849H	FG	806 314 197 544				014	016	018		025
849G	HP	806 104 197 534					016			
	FG short	806 313 197 534								025
	FG	806 314 197 534		010	012	014	016	018		025
849F	FG	806 314 197 514		010	012	014	016	018		025



849L

849LF
849LC
849LU

fine
extra fine
ultra fine

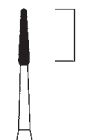


Fig.	Shank	Ref.-No.	L mm	5
				5
849LF	RA L	806 205 693 514		012
	RA XL	806 206 693 514		012
849LC	RA L	806 205 693 504		012
	RA XL	806 206 693 504		012
849LU	RA L	806 205 693 494		012
	RA XL	806 206 693 494		012



Pour écarter la plaque restante dans la zone sous-gingivale

Per rimozione ottimale di residui di placca nell'area subgingivale

For removing residual plaque from subgingival areas

850

medium

850H
850G
850F
850C

super coarse
coarse
fine
extra fine



Fig.	Shank	Ref.-No.	L mm	5									
				5	5	5	5	5	5	5	5	5	2	2
850	HP	806 104 198 524		010	012		016	018		023	025	033	040
	FG short	806 313 198 524			012		016						
	FG	806 314 198 524			012	014	016	018	021		025		
850H	FG short	806 313 198 544				014	016						
	FG	806 314 198 544			012	014	016	018	021		025		
850G	HP	806 104 198 534						018					
	FG short	806 313 198 534				014	016	018					
	FG	806 314 198 534			012	014	016	018	021	023	025		
850F	HP	806 104 198 514									025		
	FG	806 314 198 514			012	014	016	018					
850C	FG	806 314 198 504			012								



851

medium



Fig.	Shank	Ref.-No.	L mm	5
				5
851	FG	806 314 218 524		014



Face non-diamantée, sans nuire la zone cervicale

Punta non diamantata, per la salvaguardia dell'area cervicale

Tip not diamond coated, for gentle administration of the cervical area

851L

medium

851LF

fine

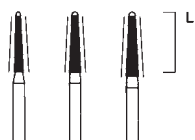


Fig.	Shank	Ref.-No.	L mm	5		
				5	5	5
851L	FG	806 314 219 524		012	016	018
851LF	FG	806 314 219 514		012		



Face non-diamantée, sans nuire la zone cervicale

Punta non diamantata, per la salvaguardia dell'area cervicale

Tip not diamond coated, for gentle administration of the cervical area

852

medium

852H
852G
852F
852C

super coarse
coarse
fine
extra fine

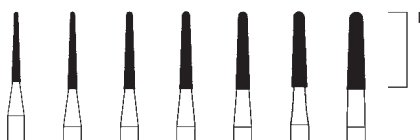
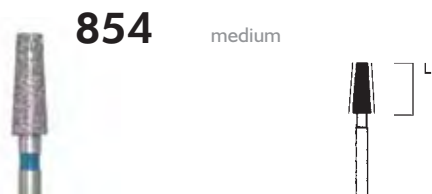


Fig.	Shank	Ref.-No.	L mm	5							
				5	5	5	5	5	5	5	5
852	HP	806 104 199 524			012	014	016	018	021	023	
	FG	806 314 199 524		010	012	014	016	018		023	
852H	FG short	806 313 199 544					016				
	FG	806 314 199 544			012	014	016	018			
852G	FG short	806 313 199 534					016				
	FG	806 314 199 534			012	014	016	018		023	
852F	FG	806 314 199 514			012	014	016	018			
852C	FG	806 314 199 504					016	018			





854 medium

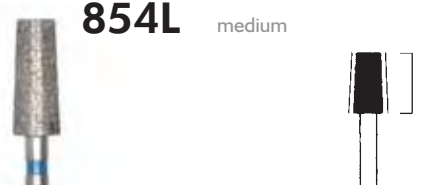
Fig.	Shank	Ref.-No.		5
			L mm	7,0
854	FG	806 314 183 524		025



Face non-diamantée

Punta non diamantata

Top is not diamond coated



854L medium

Fig.	Shank	Ref.-No.		2
			L mm	8,0
854L	HP	806 104 184 524		040



Face non-diamantée

Punta non diamantata

Top is not diamond coated



855 medium

855G coarse

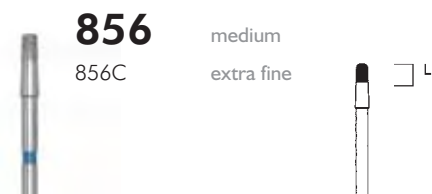
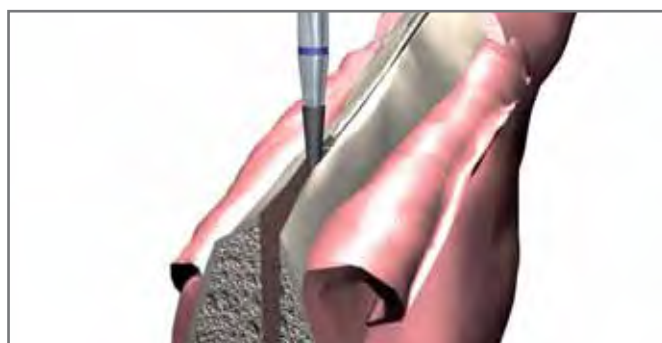
Fig.	Shank	Ref.-No.		5	5	5	5
			L mm	4,0	4,0	4,0	4,0
855	HP	806 104 196 524		009			
	FG	806 314 196 524			010	012	016
855G	FG	806 314 196 534				012	016



855L

855LF fine
855LC extra fine
855LU ultra fine

Fig.	Shank	Ref.-No.		5	5
			L mm	3,0	3,0
855LF	FG	806 314 195 514		007	009
855LC	FG	806 314 195 504		007	009
855LU	FG	806 314 195 494		007	009



856 medium

856C extra fine

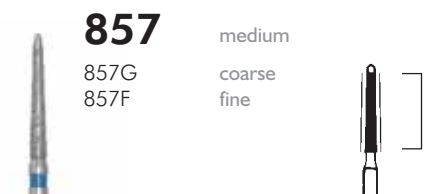
Fig.	Shank	Ref.-No.		5
			L mm	2,5
856	FG XL	806 316 148 524		016
856C	FG XL	806 316 148 504		016



Pour réduction définie de la surface cervicale lors de la préparation de corone selon Küpper

Per un'abrasione di materiale predefinita nell'area cervicale per la preparazione di corone - secondo Küpper

For defined material removal at the circumferential stage in crown preparation - according to Küpper



857 medium

857G coarse
857F fine

Fig.	Shank	Ref.-No.		5
			L mm	10,0
857	FG	806 314 220 524		014
857G	FG	806 314 220 534		014
857F	FG	806 314 220 514		014



Face non-diamantée, sans nuire la zone cervicale

Punta non diamantata, per la salvaguardia dell'area cervicale

Tip not diamond coated, for gentle administration of the cervical area

859L



858

medium

- 858H super coarse
- 858G coarse
- 858F fine
- 858C extra fine
- 858U ultra fine



Fig.	Shank	Ref.-No.		5	5	5	5
				L mm			
858	HP	806 104 165 524		8,0	8,0	8,0	8,0
	RA	806 204 165 524			014		
	FG short	806 313 165 524			014		
	FG	806 314 165 524		010	014	016	
858H	FG	806 314 165 544			014		
858G	HP	806 104 165 534					018
	FG short	806 313 165 534			014		
	FG	806 314 165 534			014	016	
858F	RA	806 204 165 514			014		
	FG	806 314 165 514		010	014		
858C	RA	806 204 165 504			014		
	FG	806 314 165 504		010	014		
858U	FG	806 314 165 494			014		



859

medium

- 859H super coarse
- 859G coarse
- 859F fine
- 859C extra fine
- 859U ultra fine

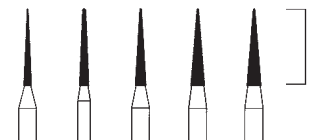


Fig.	Shank	Ref.-No.		5	5	5	5	5
				L mm				
859	HP	806 104 166 524		10,0	10,0	10,0	10,0	10,0
	RA	806 204 166 524			010	014		018
	FG	806 314 166 524		010	012	014	016	018
859H	FG	806 314 166 544						018
859G	FG	806 314 166 534				014	016	018
859F	HP	806 104 166 514						018
	RA	806 204 166 514				014		
	FG	806 314 166 514		010	012	014	016	018
859C	FG	806 314 166 504			012	014	016	018
859U	FG	806 314 166 494				014		



859L

medium

- 859LF fine
- 859LC extra fine

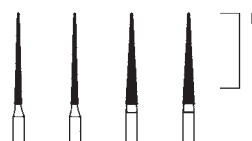


Fig.	Shank	Ref.-No.		5	5	5	5
				L mm			
859L	RA	806 204 167 524		010			
	FG	806 314 167 524		010	012	014	016
859LF	FG	806 314 167 514		010	012	014	
859LC	FG	806 314 167 504		010		014	



860

medium

- 860G coarse
- 860C extra fine

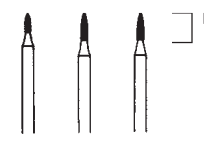


Fig.	Shank	Ref.-No.		5	5	5
				L mm		
860	HP	806 104 246 524		2,5	3,5	3,5
	RA	806 204 246 524				010
	FG	806 314 246 524		008		010
860G	FG	806 314 246 534				010
860C	RA	806 204 246 504			009	
	FG	806 314 246 504			009	



861

medium

- 861H super coarse
- 861G coarse
- 861F fine
- 861C extra fine
- 861U ultra fine

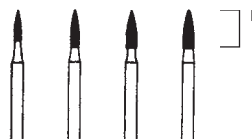


Fig.	Shank	Ref.-No.		5	5	5	5
				L mm			
861	HP	806 104 247 524		10,0	5,0	5,0	5,0
	RA	806 204 247 524			012		016
	FG	806 314 247 524		010	012	014	016
861H	FG	806 314 247 544				014	
861G	FG	806 314 247 534		010	012	014	016
861F	RA	806 204 247 514			012		
	FG	806 314 247 514		010	012	014	
861C	FG	806 314 247 504		010	012	014	016
861U	FG	806 314 247 494		010			



861K

861KF fein

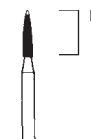


Fig.	Shank	Ref.-No.		5
				L mm
861KF	FG	806 314 255 514		012



Face non-diamantée, sans nuire la zone cervicale
 Punta non diamantata, per la salvaguardia dell'area cervicale
 Tip not diamond coated, for gentle administration of the cervical area

862

medium

862H super coarse
862G coarse
862F fine
862C extra fine
862U ultra fine

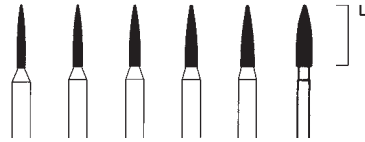


Fig.	Shank	Ref.-No.		5	5	5	5	5	5
				L mm					
862	HP	806 104 249 524		010	012	014	016	018	
	RA	806 204 249 524				014	016		
	FG short	806 313 249 524			012				
	FG	806 314 249 524		010	012	014	016		021
862H	FG	806 314 249 544			012	014	016		
862G	FG short	806 313 249 534			012	014	016		
	FG	806 314 249 534		010	012	014	016		021
862F	HP	806 104 249 514					016		
	RA	806 204 249 514				012	016		
	FG	806 314 249 514		010	012	014	016		
862C	RA	806 204 249 504			012	014	016		
	FG	806 314 249 504		010	012	014	016		
862U	FG	806 314 249 494			012				



863

medium

863H super coarse
863G coarse
863F fine
863C extra fine

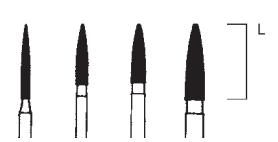


Fig.	Shank	Ref.-No.		5	5	5	5
				L mm			
863	HP	806 104 250 524		012	016	018	025
	RA	806 204 250 524		012	016		
	FG	806 314 250 524		012	016	018	
863H	FG	806 314 250 544		012	016	018	
863G	FG	806 314 250 534		012	016	018	
863F	RA	806 204 250 514		012			
	FG	806 314 250 514		012	016	018	
863C	FG	806 314 250 504		012	016		



863K

coarse

863KF fine
863KC extra fine

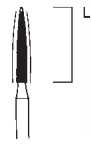


Fig.	Shank	Ref.-No.		5
				L mm
863KG	FG	806 314 256 534		012
863KF	FG	806 314 256 514		012
863KC	FG	806 314 256 504		012



863L

medium

863LF fine

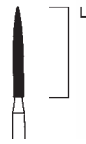


Fig.	Shank	Ref.-No.		5
				L mm
863L	FG	806 314 251 524		014
863LF	FG	806 314 251 514		014



865L

medium

865LF fine

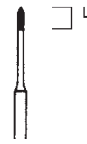


Fig.	Shank	Ref.-No.		5
				L mm
865L	FG	806 314 535 524		009
865LF	FG	806 314 535 514		009



Face non-diamantée, sans nuire la zone cervicale

Punta non diamantata, a protezione dell'area subgingivale

Tip not diamond coated, for gentle administration of the cervical area

866

medium

866F fine

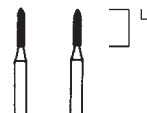


Fig.	Shank	Ref.-No.		5	5
				L mm	
866	FG	806 314 287 524		009	010
866F	FG	806 314 287 514		009	



Torpedo • Torpedo • Torpedo

867

medium

867G coarse
867F fine

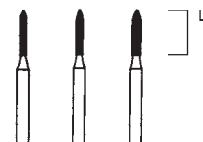


Fig.	Shank	Ref.-No.		5	5	5
				L mm		
867	FG short	806 313 288 524			010	012
	FG	806 314 288 524		009	010	012
867G	FG short	806 313 288 534				012
	FG	806 314 288 534			010	012
867F	FG	806 314 288 514		009	010	012



Torpedo • Torpedo • Torpedo

868

medium

868H super coarse
868G coarse
868F fine
868C extra fine

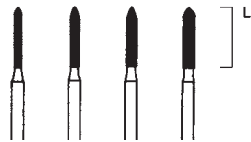


Fig.	Shank	Ref.-No.		5	5	5	5
				L mm			
				8,0	8,0	8,0	8,0
868	HP	806 104 289 524			012	014	
	RA	806 204 289 524			012		
	FG	806 314 289 524		010	012	014	016
868H	FG short	806 313 289 544			012		
	FG	806 314 289 544			012	014	016
868G	FG	806 314 289 534		010	012	014	016
868F	FG	806 314 289 514		010	012	014	016
868C	FG	806 314 289 504			012	014	



Torpedo
Torpedo
Torpedo



869

medium

869H super coarse
869G coarse
869F fine
869C extra fine

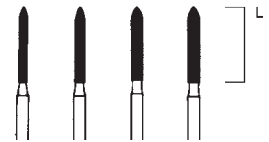
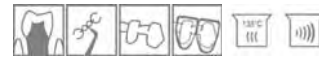


Fig.	Shank	Ref.-No.		5	5	5	5
				L mm			
				10,0	10,0	10,0	10,0
869	HP	806 104 290 524				014	
	FG	806 314 290 524		010	012	014	
869H	FG	806 314 290 544				014	
869G	FG	806 314 290 534			012	014	016
869F	FG	806 314 290 514		010	012	014	016
869C	FG	806 314 290 504			012	014	



Torpedo
Torpedo
Torpedo



869L

medium

869LF fine

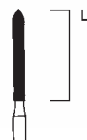


Fig.	Shank	Ref.-No.		5
				L mm
				12,0
869L	FG	806 314 291 524		014
869LF	FG	806 314 291 514		014



Torpedo
Torpedo
Torpedo



870

medium

870G coarse



Fig.	Shank	Ref.-No.		5	5	5	5	5
				L mm				
				1,5	1,5	1,5	1,7	2,0
870	FG	806 314 032 524		010	012	014	016	018
870G	FG	806 314 032 534			012	014		



Diabolo
Clessidra
Diabolo

871

medium

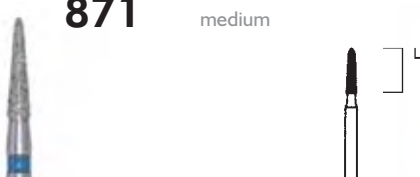


Fig.	Shank	Ref.-No.		5
				L mm
				6,0
871	FG	806 314 222 524		014



872

medium

872F fine

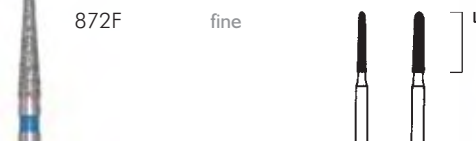


Fig.	Shank	Ref.-No.		5	5
				L mm	
				8,0	8,0
872	FG	806 314 223 524		012	016
872F	FG	806 314 223 514			016



873

medium

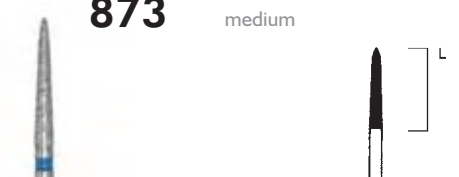


Fig.	Shank	Ref.-No.		5
				L mm
				10,5
873	FG	806 314 213 524		016





875

medium

875S
875H
875G

ultra coarse
super coarse
coarse

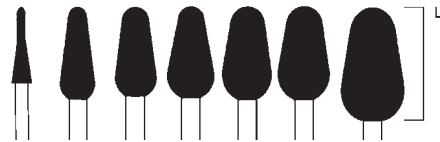


Fig.	Shank	Ref.-No.		5	2	2	2	2	2	2
				L mm						
				10,0	12,0	12,0	12,0	12,0	12,0	15,0
875	HP	806 104 260 524			045		060			
875S	HP	806 104 263 554						065		
875H	HP	806 104 260 544					060			080
875G	HP	806 104 260 534				055			070	
	FG	806 314 588 534		025						



Diamant pour laboratoire

Fresoni diamantati per laboratorio

Laboratory diamond



876

medium

876G

coarse

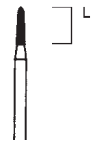
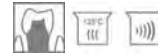


Fig.	Shank	Ref.-No.		5
				L mm
				5,0
876	FG	806 314 296 524		012
876G	FG	806 314 296 534		012



Conique congé ogival (torpedo), conique

Torpedo, conica

Torpedo, conical



405S

ultra coarse

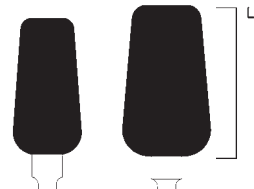


Fig.	Shank	Ref.-No.		1	1
				L mm	
				18,0	20,0
405S	HP	806 104 490 554		090	115



Abrasif creux, diamanté

Fresone diamantato concavo

Bevel grinding, diamond coated



877

medium

877H
877G
877F

super coarse
coarse
fine



Fig.	Shank	Ref.-No.		5	5	5	5
				L mm			
				6,5	6,5	6,5	6,5
877	FG	806 314 297 524		012	014	016	018
877H	FG	806 314 297 544				016	018
877G	FG	806 314 297 534		012	014	016	018
877F	FG	806 314 297 514		012			



Conique congé ogival (torpedo), conique

Torpedo, conica

Torpedo, conical



878

medium

878H
878G
878F

super coarse
coarse
fine



Fig.	Shank	Ref.-No.		5	5	5	5	5	5	2	2
				L mm							
				8,0	8,0	8,0	8,0	8,0	8,0	13,0	13,0
878	HP	806 104 257 524								060	
	FG	806 314 298 524		012	014	016	018	021	023		
878H	FG	806 314 298 544		012	014	016	018	021	023		
878G	HP	806 104 257 534									070
	FG	806 314 298 534		012	014	016	018	021	023		
878F	FG	806 314 298 514		012	014	016	018	021			



Conique congé ogival (torpedo), conique

Torpedo, conica

Torpedo, conical



405S

879

medium



879S
879H
879G
879F
879C

ultra coarse
super coarse
coarse
fine
extra fine

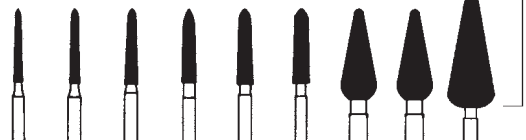


Fig.	Shank	Ref.-No.		5	5	5	5	5	5	2	2	1
				L mm								
879	HP	806 104 266 524		10,0	10,0	10,0	10,0	10,0	10,0	047		
	FG	806 314 299 524		012	014	016	018		023			
879S	HP	806 104 266 554									050	
879H	HP	806 104 266 544								047		060
	FG	806 314 299 544				016	018	021				
879G	HP	806 104 266 534								047		
	FG	806 314 299 534		012	014	016	018	021	023			
879F	FG	806 314 299 514		012	014	016						
879C	FG	806 314 299 504				016						



Conique congé ogival (torpedo), conique • Torpedo, conica • Torpedo, conical

880

medium



880G

coarse

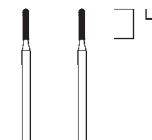


Fig.	Shank	Ref.-No.		5	5
				L mm	
880	FG	806 314 139 524		012	014
880G	FG	806 314 139 534		012	014



881

medium



881H
881G
881F
881C

super coarse
coarse
fine
extra fine

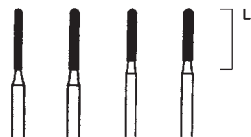


Fig.	Shank	Ref.-No.		5	5	5	5
				L mm			
881	FG	806 314 141 524		010	012	014	016
881H	FG	806 314 141 544			012	014	
881G	FG	806 314 141 534			012	014	016
881F	FG	806 314 141 514		010	012	014	016
881C	FG	806 314 141 504			012	014	



881PS

ultra coarse

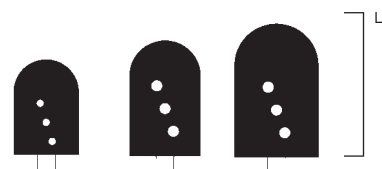


Fig.	Shank	Ref.-No.		1	1	1
				L mm		
881PS	HP	806 104 524 554		085	095	115



- Travail efficace sur tous les matériaux de rebasage en résine molle.
- Couche diamantée avec grainage plus fort et aux angles vifs
- Nouvelle structure évitant ??? des surfaces occlusales
- Chauffage réduit

- Per la lavorazione di materiale per ribasatura che rimane morbido
- Diamantatura con granuli molto resistenti e taglienti
- La nuova struttura evita che la superficie abrasiva si imbratti
- Produce meno calore

- For grinding soft underlining material
- Diamond coated with stronger, sharp edged grit
- New structure prevents clogging effect of the sharp edged grit
- Reduced heat development

882

medium



882F

fine

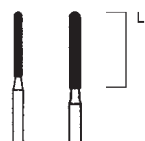


Fig.	Shank	Ref.-No.		5	5
				L mm	
882	FG	806 314 142 524		012	014
882F	FG	806 314 142 514		012	014



883H

super coarse

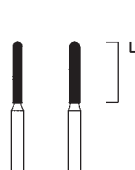


Fig.	Shank	Ref.-No.		5	5
				L mm	
883H	FG	806 314 146 544		012	016



884

884G medium
884F coarse
fine

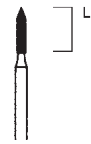


Fig.	Shank	Ref.-No.		5
			L mm	6,0
884	FG	806 314 129 524		012
884G	FG	806 314 129 534		012
884F	FG	806 314 129 514		012



886

886H medium
886G super coarse
886F coarse
886C fine
extra fine

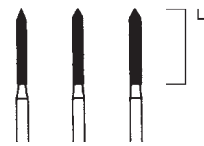


Fig.	Shank	Ref.-No.		5	5	5
			L mm	10,0	10,0	10,0
886	FG	806 314 131 524		012	014	016
886H	FG	806 314 131 544			014	016
886G	FG	806 314 131 534		012	014	016
886F	FG	806 314 131 514		012	014	016
886C	FG	806 314 131 504			014	



888L

888LG medium
coarse

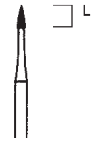


Fig.	Shank	Ref.-No.		5
			L mm	3,0
888LG	FG	806 314 539 534		010



890

890F fine
890C fine
890U extra fine
ultra fine

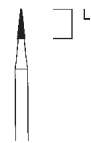


Fig.	Shank	Ref.-No.		5
			L mm	4,0
890F	FG	806 314 160 514		010
890C	FG	806 314 160 504		010
890U	FG	806 314 160 494		010



885

885H medium
885G super coarse
885F coarse
885C fine
extra fine

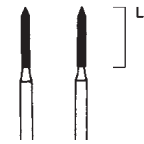


Fig.	Shank	Ref.-No.		5	5
			L mm	8,0	8,0
885	FG	806 314 130 524		012	014
885H	FG	806 314 130 544		012	014
885G	FG short	806 314 130 534		012	
	FG	806 314 130 534		012	014
885F	FG	806 314 130 514		012	014
885C	FG	806 314 130 504		012	



888

888 medium

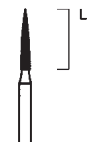


Fig.	Shank	Ref.-No.		5
			L mm	8,0
888	FG	806 314 496 524		012



889L

889L medium
889LG coarse
889LF fine
889LC extra fine



Fig.	Shank	Ref.-No.		5	5
			L mm	3,5	4,0
889L	FG	806 314 540 524		009	010
889LG	FG	806 314 540 534		009	010
889LF	FG	806 314 540 514		009	010
889LC	FG	806 314 540 504		009	



890L

890L fine
890LF fine
890LC extra fine



Fig.	Shank	Ref.-No.		5
			L mm	3,0
890LF	FG	806 314 699 514		008
890LC	FG	806 314 699 504		008



891 medium


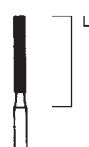




Fig.	Shank	Ref.-No.		5
			L mm	12,0
891	FG	806 314 113 524		014



893 medium


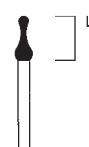




Fig.	Shank	Ref.-No.		5
			L mm	5,8
893	FG	806 314 507 524		023



894 medium


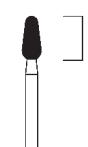




Fig.	Shank	Ref.-No.		5
			L mm	5,5
894	FG	806 314 263 524		025



895 medium

895F fine
895C extra fine
895U ultra fine


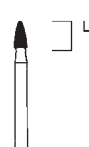




Fig.	Shank	Ref.-No.		5
			L mm	3,5
895	FG	806 314 274 524		016
895F	FG	806 314 274 514		016
895C	FG	806 314 274 504		016
895U	FG	806 314 274 494		016



895L super coarse

895LH super coarse




Fig.	Shank	Ref.-No.		5
			L mm	6,5
895LH	FG	806 314 272 544		018



896 fine

896F fine
896C extra fine


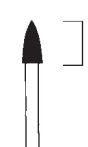




Fig.	Shank	Ref.-No.		5
			L mm	5,5
896F	FG	806 314 244 514		025
896C	FG	806 314 244 504		025



897 fine

897F fine


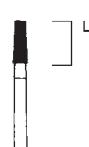




Fig.	Shank	Ref.-No.		5
			L mm	6,0
897F	FG	806 314 176 514		018



897R medium

897RC extra fine


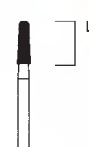




Fig.	Shank	Ref.-No.		5
			L mm	6,0
897R	FG	806 314 584 524		018
897RC	FG	806 314 584 504		018




898 medium

898H super coarse
898G coarse
898F fine
898C extra fine
898U ultra fine








Fig.	Shank	Ref.-No.		5	5	5	5	2
			L mm	6,0	6,0	6,0	6,0	7,0
898	HP	806 104 161 524						037
	RA	806 204 161 524						037
	FG	806 314 164 524		012	014	016	023	
898H	FG	806 314 164 544					023	
898G	FG	806 314 164 534		012	014	016	023	
898F	FG	806 314 164 514		012	014			
898C	FG	806 314 164 504			014			
898U	FG	806 314 164 494			014			

899 medium

899G coarse
899F fine


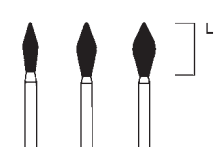


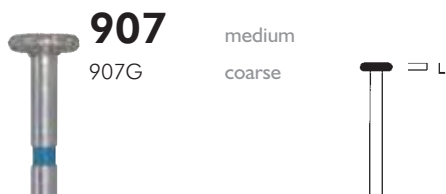



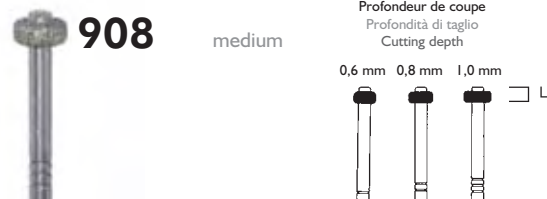
Fig.	Shank	Ref.-No.		5	5	5
			L mm	6,5	7,0	7,0
899	FG	806 314 033 524		021	027	031
899G	FG	806 314 033 534			027	031
899F	FG	806 314 033 514			027	031



907 medium
907G coarse

Fig.	Shank	Ref.-No.		5
			L mm	1,0
907	FG	806 314 067 524		041
907G	FG	806 314 067 534		041



908 medium

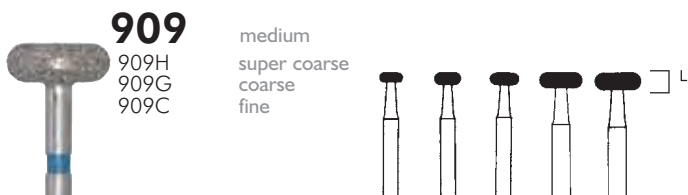
Profondeur de coupe
Profondità di taglio
Cutting depth

0,6 mm 0,8 mm 1,0 mm

Fig.	Shank	Ref.-No.		5	5	5
			L mm	1,5	1,5	1,5
908	FG XL	806 316 072 524		028	032	036

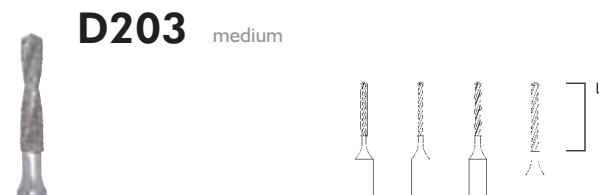


Roue striée duale selon Küpper
Fresa abrasiva a doppia scanalatura secondo Küpper
Dual controlled groove grinder - according to Küpper



909 medium
909H super coarse
909G coarse
909C fine

Fig.	Shank	Ref.-No.		5	5	5	2	2
			L mm	0,8	1,3	1,8	2,0	2,3
909	HP	806 104 068 524			035			060
	RA	806 204 068 524			035			060
	FG	806 314 068 524		031	035	040	055	060
909H	FG	806 314 068 544				040		
909G	FG	806 314 068 534		031	035	040		
909F	FG	806 314 068 514				040		

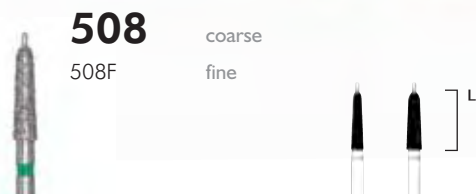


D203 medium

Fig.	Shank	Ref.-No.		2	2	2	2
			L mm	7,0	7,0	7,0	9,0
D203	HP	806 104 417 524		008	009	010	012



Fraise spirale, diamantée
Fresa a spirale, diamantata
Diamond coated twist drill

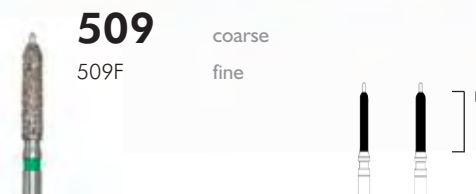


508 coarse
508F fine

Fig.	Shank	Ref.-No.		5	5
			L mm	7,5	7,5
508G	FG	806 314 508 534		016	020
508F	FG	806 314 508 514		016	020



Conique, avec pointe guide pour réduction contrôlée du matériau
Fresa conica con punta a guida per la rimozione controllata di materiale
Conical, guided tip for controlled removal of material



509 coarse
509F fine

Fig.	Shank	Ref.-No.		5	5
			L mm	8,0	8,0
509G	FG	806 314 189 534		014	016
509F	FG	806 314 189 514		014	016



Cylindrique, avec pointe guide pour réduction contrôlée du matériau
Fresa cilindrica con punta a guida per la rimozione controllata di materiale
Cylindrical, guided tip for controlled removal of material

Préparation de bords coronaires définies et contrôlés grâce au guidage de la goupille axiale avec la forme 508.

Con lo strumento 508 preparazione circolare chamfer definita e controllata con la guida della punta assiale.

Defined and controlled circular chamfer preparation under guidance of the axial pin with the instrument 508.

83804 medium



Fig.	Shank	Ref.-No.		5	5
			L mm	4,0	4,0
83804	FG	806 314 445 524		012	018



83806 medium



Fig.	Shank	Ref.-No.		5	5
			L mm	6,0	6,0
83806	FG	806 314 446 524		012	018



83808 medium



Fig.	Shank	Ref.-No.		5	5
			L mm	8,0	8,0
83808	FG	806 314 447 524		012	018



838G4 coarse



Fig.	Shank	Ref.-No.		5	5
			L mm	4,0	4,0
838G4	FG	806 314 445 534		012	018



838G6 coarse



Fig.	Shank	Ref.-No.		5	5
			L mm	6,0	6,0
838G6	FG	806 314 446 534		012	018



838G8 coarse



Fig.	Shank	Ref.-No.		5	5
			L mm	8,0	8,0
838G8	FG	806 314 447 534		012	018



2564 Scalino Kit

developed with Dr. Grabosch



- Système pour arriver à l'épaulement simple et contrôlé.
- Marquage de profondeur appuyé et assuré (Profondeur fraise: 4,0 mm, 6,0 mm, 8,0 mm)
- Perte de substance minimale par congé cylindrique ogival (torpedo)
- Excellente utilisation lors du traitement d'obturation par surélévation facile de l'occlusion
- Traitement facile et contrôlé
- Allègement du travail énorme - Excellent résultat de travail

- Sistema per una preparazione facile e controllata della spalla
- Determinazione dell'indicazione di profondità sicura e controllata (profondità di taglio 4,0 mm, 6,0 mm, 8,0 mm.)
- Perdita minima di materiale grazie alla forma a torpedo della fresa diamantata
- Utilizzo ottimale anche per le otturazioni perché facilita il sollevamento delle superfici occlusali
- Procedimento facile e controllato
- Facilita molto il lavoro - risultati perfetti

- System to achieve a simple and controlled shoulder preparation
- Supported, secure depth marking (cutting depth 4.0 mm, 6.0 mm, 8.0 mm)
- Minimal loss of substance due to torpedo-shaped diamond
- Excellent use also during the filling stage due to the slight raising of the occlusal surfaces
- Simple controlled procedure
- Makes work much easier and delivers perfect results

Fig.	83804	83804	838G4	838G4	83806	83806
Shank	FG / 314	FG / 314	FG / 314	FG / 314	FG / 314	FG / 314
Size	012	018	012	018	012	018
L mm	4,0	4,0	4,0	4,0	6,0	6,0
Pieces/Kit	1	1	1	1	1	1

Fig.	838G6	838G6	83808	83808	838G8	838G8	830	831	833	862	862	862G	881	881G
Shank	FG / 314	FG / 314	FG / 314	FG / 314	FG / 314	FG / 314	FG / 314	FG / 314	FG / 314	FG / 314	FG / 314	FG / 314	FG / 314	FG / 314
Size	012	018	012	018	012	018	018	018	018	012	016	016	012	012
L mm	6,0	6,0	8,0	8,0	8,0	8,0	4,5	3,5	3,5	8,0	8,0	8,0	8,0	8,0
Pieces/Kit	1	1	1	1	1	1	1	1	1	1	1	1	1	1

2565 Occlusal Reduction Kit developed with Dr. Athas N. Kometas DMD, PA, Daytona Beach

RÉDUCTION OCCLUSALE • RIDUZIONE OCCLUSALE • OCCLUSAL REDUCTION

Depth	Indications
■ 1,5 mm	Couronnes d'or Corone in oro Gold crowns
■ 1,8 mm	Couronnes cliniques courtes PFM / toutes céramiques Corone corte - in ceramica o ceramica integrale Short clinical crowns - ceramic or all ceramic
■ 2,0 mm	Couronnes CEREC®, Captek, PFM / toutes céramiques Corone in CEREC®, CapteK, ceramica o ceramica integrale PFM crowns, CEREC®, Captek, or all ceramic
■ 2,2 mm	Longes couronnes PFM (porcelain-fused-to-metal) / toutes céramiques Corone lunghe - in ceramica o ceramica integrale Long clinical crowns - PFM or all ceramic
■ 2,4 mm	Pour niveler le plan occlusive Per livellare le superfici occlusali To level the occlusal plane

RÉDUCTION MAXILLAIRE LINGUALE • RIDUZIONE LINGUALE • LINGUAL REDUCTION

■ 1,0 mm	Réduction linguale Mascellare e linguale Maxillary anterior lingual reduction
--	--

828



Fig.	828G	828O	828Y	828B	828R	828W
Shank	FG / 314	FG / 314	FG / 314	FG / 314	FG / 314	FG / 315
Size	017	017	017	017	017	017
L mm	1,5	1,8	2,0	2,2	2,4	1,0
Pieces/Kit	1	1	1	1	1	1



Visit our Website:
www.occlusalrouter.com
U.S. Patent #6,511,322
Foreign Patent Pending



Diamants pour oxyde de zirconium • Frese diamantate per zirconio • Diamonds for zirconium oxide

848Z

coarse

2°

- 848Z4 medium
- 848Z3 fine
- 848Z2 extra fine
- 848Z1 ultra fine



Fig.	Shank	Ref.-No.	2
			L mm
848Z5	FG	806 314 173 532	024
848Z4	FG	806 314 173 522	024
848Z3	FG	806 314 173 512	024
848Z2	FG	806 314 173 502	024
848Z1	FG	806 314 173 492	024



852Z

coarse

2°

- 852Z4 medium
- 852Z3 fine
- 852Z2 extra fine
- 852Z1 ultra fine

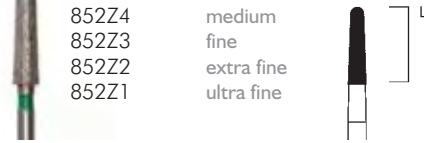


Fig.	Shank	Ref.-No.	2
			L mm
852Z5	FG	806 314 199 532	024
852Z4	FG	806 314 199 522	024
852Z3	FG	806 314 199 512	024
852Z2	FG	806 314 199 502	024
852Z1	FG	806 314 199 492	024



881Z

coarse

0°

- 881Z4 medium
- 881Z3 fine
- 881Z2 extra fine
- 881Z1 ultra fine

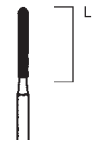


Fig.	Shank	Ref.-No.	2
			L mm
881Z5	FG	806 314 141 532	017
881Z4	FG	806 314 141 522	017
881Z3	FG	806 314 141 512	017
881Z2	FG	806 314 141 502	017
881Z1	FG	806 314 141 492	017



886Z

coarse

2°

- 886Z4 medium
- 886Z3 fine
- 886Z2 extra fine
- 886Z1 ultra fine

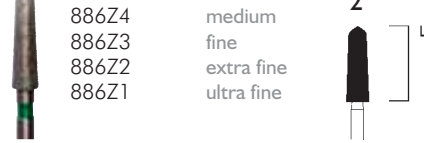


Fig.	Shank	Ref.-No.	2
			L mm
886Z5	FG	806 314 211 532	024
886Z4	FG	806 314 211 522	024
886Z3	FG	806 314 211 512	024
886Z2	FG	806 314 211 502	024
886Z1	FG	806 314 211 492	024



Diamants pour oxyde de zirconium • Frese diamantate per zirconio • Diamonds for zirconium oxide

Z0850 medium
Z850F fine


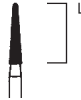




Fig.	Shank	Ref.-No.		5
			L mm	8,0
Z0850	FG	806 314 198 324		018
Z850F	FG	806 314 198 314		018



Z0863 medium
Z863F fine


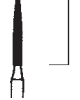




Fig.	Shank	Ref.-No.		5
			L mm	10,0
Z0863	FG	806 314 250 324		012
Z863F	FG	806 314 250 314		012



Z0833 medium
Z833F fine


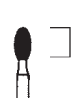




Fig.	Shank	Ref.-No.		5
			L mm	4,2
Z0833	FG	806 314 277 324		023
Z833F	FG	806 314 277 314		023



Z801L medium


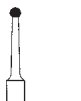




Fig.	Shank	Ref.-No.		5
Z801L	FG	806 314 697 324		014



Z0801 medium








Fig.	Shank	Ref.-No.		5
Z0801	FG	806 314 001 324		010



Z838L medium
Kronentrenner
Tagliacorone
Fresa para separar coronas




Fig.	Shank	Ref.-No.		5
			L mm	7,0
Z838L	FG	806 314 140 526		014




Diamants CE

Les instruments diamantés CE „COOL & Efficient“ se caractérisent en particulier par leur force de meulage optimale sans échauffement. Ces qualités sont possibles grâce à la torsion à gauche de la rainure calculée avec précision. Celle-ci permet l'évacuation des particules ainsi que l'apport optimal du liquide de refroidissement.

Frese Diamantate CE

Gli strumenti diamantati CE "COOL & EFFICIENT" si caratterizzano per il loro ottimo potere abrasivo, e mantengono nel contempo una temperatura di frizione bassa. Questa caratteristica positiva si deve al solco elicoidale antiorario, esattamente calcolato, che rimuove i residui dell'abrasione e consente un accesso al liquido raffreddante.

CE Diamonds

CE diamond instruments (COOL & EFFICIENT) provide for optimum grinding performance yet remain cool during grinding. These positive properties are due to a precisely calculated, anti-clockwise groove which transports the debris away from the site and supplies coolant optimally.

808D medium


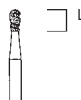




Fig.	Shank	Ref.-No.		5
			L mm	2,6
808D	FG	806 314 240 524		016



808LD medium







Fig.	Shank	Ref.-No.		5
			L mm	5,0
808LD	FG	806 314 241 524		021



837D medium







Fig.	Shank	Ref.-No.		5
			L mm	7,0
837D	FG	806 314 115 524		014



837LD medium


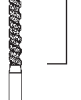




Fig.	Shank	Ref.-No.		5
			L mm	9,5
837LD	FG	806 314 115 524		016



847D medium







Fig.	Shank	Ref.-No.		5
			L mm	9,5
847D	FG	806 314 177 524		016



848D medium




Fig.	Shank	Ref.-No.		5
			L mm	10,0
848D	FG	806 314 178 524		016



Micro-diamants • Frese diamantate Micro • Micro Diamonds

- Préservation maximale de la substance dentaire saine
- Meilleure visibilité lors des préparations
- Qualité des préparations assurée
- Vastes possibilités opérationnelles dues aux plusieurs formes
- Massima conservazione della struttura sana del dente
- Visibilità eccellente dell'area di lavoro
- Rendimento abrasivo definito
- Ampio campo di applicazione grazie alla diversità delle forme
- Maximum preservation of sound tooth substance
- Perfect optical control of the working area
- Defined abrasive properties
- Vast spectrum of operational possibilities due to a variety of shapes

M801 medium







Fig.	Shank	Ref.-No.		5
				L mm 1,1
M801	FG	806 314 697 524		007



M833 medium







Fig.	Shank	Ref.-No.		5
				L mm 1,1
M833	FG	806 314 277 524		009



M838 medium







Fig.	Shank	Ref.-No.		5
				L mm 2,1
M838	FG	806 314 137 524		007



M880 medium







Fig.	Shank	Ref.-No.		5
				L mm 3,6
M880	FG	806 314 138 524		007



M889 medium







Fig.	Shank	Ref.-No.		5
				L mm 2,1
M889	FG	806 314 194 524		007



M890 medium







Fig.	Shank	Ref.-No.		5
				L mm 3,6
M890	FG	806 314 540 524		008



M895 medium







Fig.	Shank	Ref.-No.		5
				L mm 2,1
M895	FG	806 314 271 524		007



M896 medium







Fig.	Shank	Ref.-No.		5
				L mm 3,6
M896	FG	806 314 295 524		007




Disques diamantés • Dischi diamantati • Diamond discs

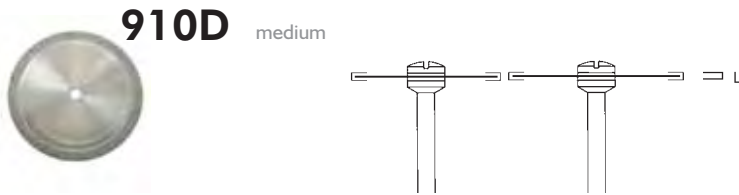


Fig.	Shank	Ref.-No.		1	1	
				L mm	0,5	0,5
910D	HP	806 104 321 524		190	220	
	unmounted	806 900 321 524		190	220	

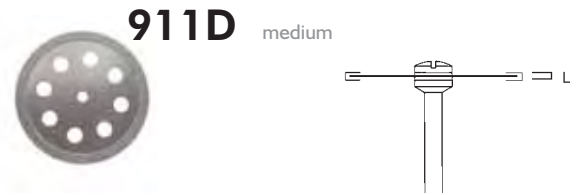
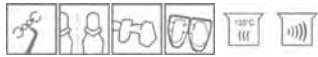


Fig.	Shank	Ref.-No.		1	1
				L mm	0,5
911D	HP	806 104 332 524		220	220
	unmounted	806 900 332 524		220	220



Fig.	Shank	Ref.-No.		1	1
				L mm	0,1
914F	HP	806 104 356 514		220	220
914C	HP	806 104 356 504		220	220



Super flexible • Superflessibili • Super flexible

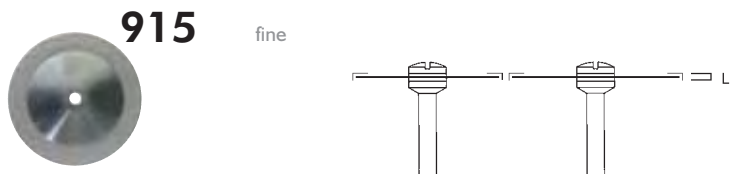


Fig.	Shank	Ref.-No.		1	1
				L mm	0,1
915F	HP	806 104 357 514		190	220



Super flexible • Superflessibili • Super flexible

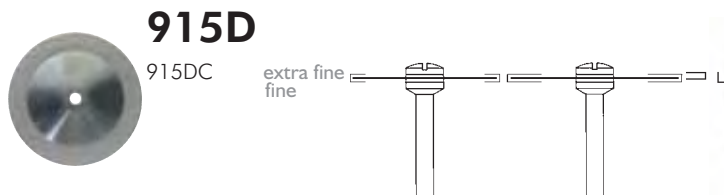


Fig.	Shank	Ref.-No.		1	1
				L mm	0,2
915DF	HP	806 104 355 514		190	220
				L mm	0,15
915DC	HP	806 104 355 504		190	220



Super flexible • Superflessibili • Super flexible

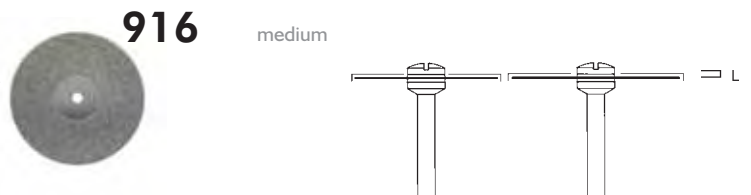


Fig.	Shank	Ref.-No.		1	1
				L mm	0,4
916	HP	806 104 329 524		220	220
	unmounted	806 900 329 524		190	220

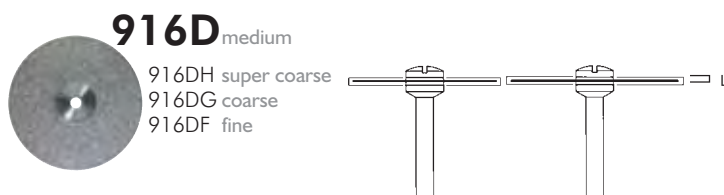


Fig.	Shank	Ref.-No.		1	1
				L mm	0,5
916D	HP	806 104 327 524		190	220
	unmounted	806 900 327 524		190	220
				L mm	0,6
916DH	unmounted	806 900 327 544		220	220
				L mm	0,55
916DG	unmounted	806 900 327 534		220	220
				L mm	0,45
916DF	HP	806 104 327 514		220	220
	unmounted	806 900 327 514		220	220



Fig.	Shank	Ref.-No.		1	1
				L mm	0,4
917	HP	806 104 328 524		220	220
	unmounted	806 900 328 524		220	220





Fig.	Shank	Ref.-No.		1
		L mm		0,4
918	HP	806 104 337 524		220
	unmounted	806 900 337 524		220



Fig.	Shank	Ref.-No.		1
		L mm		0,5
918D	HP	806 104 335 524		220



Fig.	Shank	Ref.-No.		1	1
		L mm		0,15	0,15
921DC	HP	806 104 358 504		190	220
	unmounted	806 900 358 504		190	220



Super flexible • Superflessibili • Super flexible



Fig.	Shank	Ref.-No.		1
		L mm		0,15
930F	HP	806 104 347 514		220
	unmounted	806 900 347 514		220

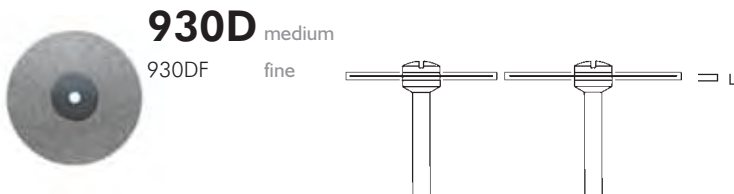


Fig.	Shank	Ref.-No.		1	1
		L mm		0,3	0,3
930D	HP	806 104 345 524		220	
	unmounted	806 900 345 524		220	
		L mm		0,25	0,25
930DF	HP	806 104 345 514		190	220
	unmounted	806 900 345 514		190	220



Fig.	Shank	Ref.-No.		1
		L mm		0,15
932F	HP	806 104 352 514		220
	unmounted	806 900 352 514		220



Super flexible • Superflessibili • Super flexible

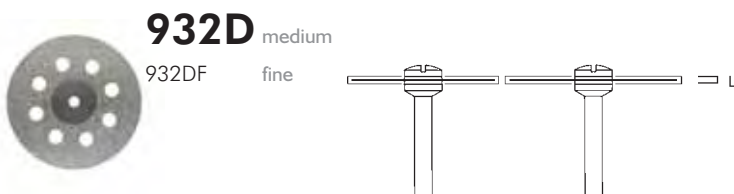


Fig.	Shank	Ref.-No.		1	1
		L mm		0,3	0,3
932D	HP	806 104 350 524		220	
	unmounted	806 900 350 524		220	
		L mm		0,25	0,25
932DF	HP	806 104 350 514		190	220
	unmounted	806 900 350 514		220	220



Super flexible • Superflessibili • Super flexible



Fig.	Shank	Ref.-No.		1
		L mm		0,15
934F	HP	806 104 342 514		190



Super flexible • Superflessibili • Super flexible

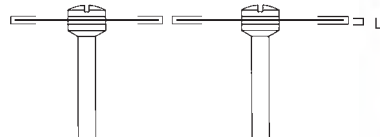


Fig.	Shank	Ref.-No.		1	1
			L mm	0,25	0,25
935DF	HP	806 104 340 514		190	220
	unmounted	806 900 340 514		190	220



Super flexible • Superflessibili • Super flexible

231DC extra fine



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

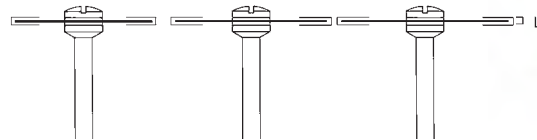
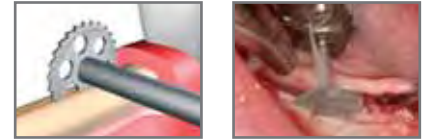


Fig.	Shank	Ref.-No.		1	1	1
			L mm	0,2	0,2	0,2
940F	HP	806 104 377 514		180	200	220
	unmounted	806 900 377 514		180	200	



Super flexible • Superflessibili • Super flexible

943DC extra fine



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



Super flexible • Superflessibili • Super flexible

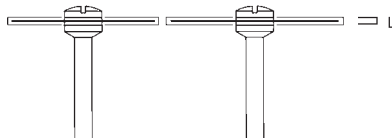


Fig.	Shank	Ref.-No.		1	1
			L mm	0,2	0,2
947DF	HP	806 104 389 514		190	220
	unmounted	806 900 389 514		190	220



Super flexible • Superflessibili • Super flexible



991C extra fine



Fig.	Shank	Ref.-No.		1
991C	HP	806 104 543 504		220



Pour dégrossissage du plâtre

Per un lavoro preciso e accurato degli scheletrati
For precise and accurate work on model casting

993C extra fine



Fig.	Shank	Ref.-No.		1
993C	HP	806 104 542 504		060



Pour dégrossissage du plâtre

Per un lavoro preciso e accurato degli scheletrati
For precise and accurate work on model casting

Champs d'application pour brosses diamantées à fils d'acier: Vitesse de rotation = 5.000–10.000 min.-l pression de travail env. 0,5 N (50 g) - plus la pression est faible, meilleur sera le résultat. Eviter les changements brusques de vitesse de rotation (Fig. 991 seulement tournant vers le droit).

Modo d'uso per le spazzole diamantate: Numero di giri 5.000 - 10.000 min.-l pressione ca. 0,5 N (50g) - minore è la pressione, maggiore è il rendimento. Evitare di cambiare improvvisamente la velocità. Utilizzare le spazzole solo in un senso di rotazione (la fig. 991 C solo a destra).

Recommended usage for diamond steel brushes: Speed range: 5,000–10,000 rpm pressure approx. 0.5 N (50 g). Light pressure will give optimum results. Avoid sudden changes in speed. Use brushes only in one rotating direction (fig. 991 C for clockwise direction only).

Instruments diamantés dans la masse

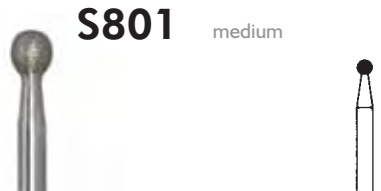
Instruments diamantés dans la masse de MEISINGER se caractérisent par leur longévité extrême, leur stabilité de forme et leur force de meulage optimale. Les parties travaillantes en alliage fritté sont composés de diamants sélectionnés de grande valeur, repartis de façon concentrique et homogène.

Frese diamantate sinterizzate

Le frese diamantate sinterizzate della Meisinger si distinguono per la durata estremamente lunga, per la stabilità dimensionale e anche per le eccellenti qualità abrasive. La parte lavorante in lega di bronzo contiene distribuiti in modo concentrato ed omogeneo granuli diamantati selezionati e di alta qualità. Le frese diamantate sinterizzate esistono in tre granulometrie (media grossa ed extrafine).

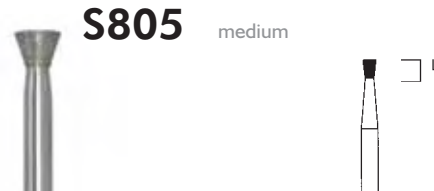
Sintered Diamonds

MEISINGER sintered diamonds are characterized by their extremely long endurance and dimensional stability as well as excellent abrasive qualities. The working part consists of a concentrated and homogeneous combination of exclusively selected, top quality diamond grains sintered and bound in bronze. Sintered diamond instruments are available in three grit sizes (coarse, medium and extra fine).



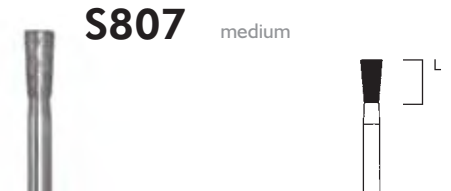
S801 medium

Fig.	Shank	Ref.-No.	2
S801	HP	807 104 001 524	021



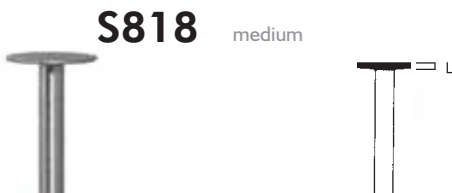
S805 medium

Fig.	Shank	Ref.-No.	2
S805	HP	807 104 010 524	018



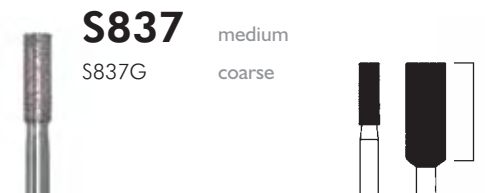
S807 medium

Fig.	Shank	Ref.-No.	2
S807	HP	807 104 225 524	029



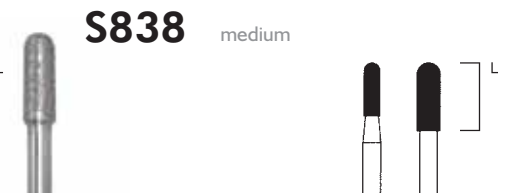
S818 medium

Fig.	Shank	Ref.-No.	2
S818	HP	807 104 040 524	080



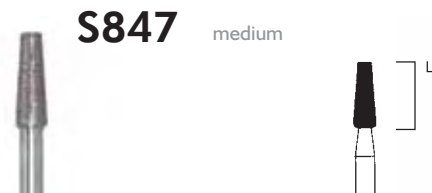
S837 medium
S837G coarse

Fig.	Shank	Ref.-No.	2	2
S837	HP	807 104 113 524	027	050
S837G	HP	807 104 113 534		050



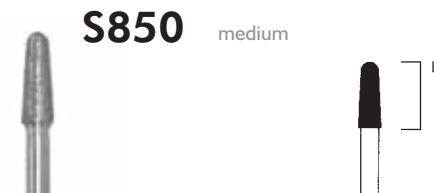
S838 medium

Fig.	Shank	Ref.-No.	2	2
S838	HP	807 104 155 524	021	031



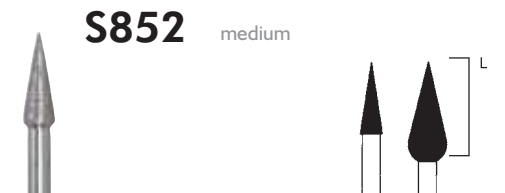
S847 medium

Fig.	Shank	Ref.-No.	2
S847	HP	807 104 172 524	027



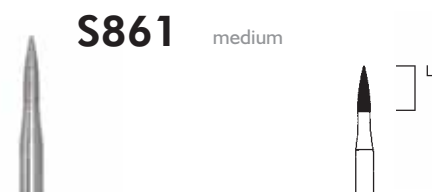
S850 medium

Fig.	Shank	Ref.-No.	2
S850	HP	807 104 194 524	031



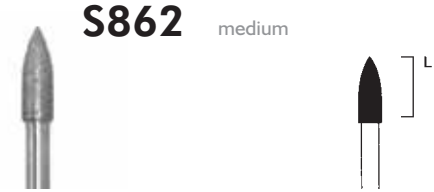
S852 medium

Fig.	Shank	Ref.-No.	2	2
S852	HP	807 104 159 524	031	050



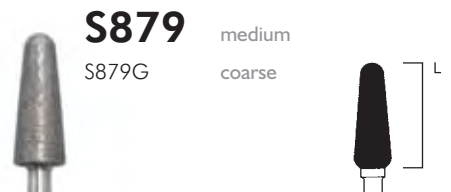
S861 medium

Fig.	Shank	Ref.-No.	2
S861	HP	807 104 245 524	016



S862 medium

Fig.	Shank	Ref.-No.	2
S862	HP	807 104 284 524	031



S879 medium
S879G coarse

Fig.	Shank	Ref.-No.	2
S879	HP	807 104 266 524	050
S879G	HP	807 104 266 534	050



S941 coarse



Fig.	Shank	Ref.-No.		1
			L mm	0,5
S941G	HP	807 104 345 534		220



S935C extra fine



Fig.	Shank	Ref.-No.		1
			L mm	0,2
S935C	HP	807 104 395 504		220



Duroflex - super flexible, spécialement pour la séparation de porcelaine et céramique, sans causer aucune décoloration

Duroflex - estremamente flessibile utilizzato principalmente per la separazione di porcellana e ceramica senza il rischio di depigmentazione della ceramica
Duroflex - highly flexible; specifically for the separation of porcelain and ceramics, without causing discolouration

S936C extra fine

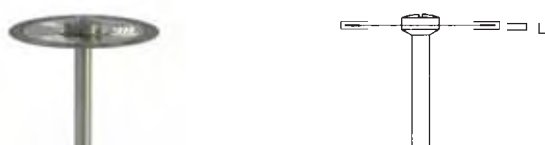


Fig.	Shank	Ref.-No.		1
			L mm	0,2
S936C	HP	807 104 394 504		200



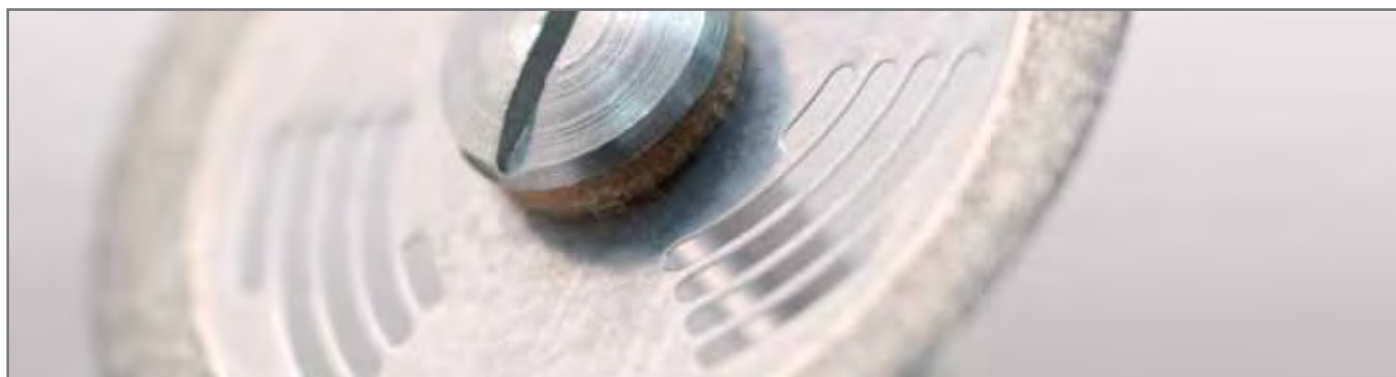
Duroflex - rainuré - super flexible, spécialement pour la séparation de porcelaine et céramique, sans causer aucune décoloration

Duroflex - con tagli obliqui, estremamente flessibile utilizzato principalmente per la separazione di porcellana e ceramica senza il rischio di depigmentazione della ceramica
Duroflex - split - highly flexible; specifically for the separation of porcelain and ceramics, without causing discolouration

S937C extra fine



Fig.	Shank	Ref.-No.		1
			L mm	0,2
S937C	HP	807 104 396 504		200



Pierre blanche pour nettoyage • Pietre per pulire • Cleaning Stones

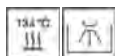
529S

Pierre blanche pour nettoyage des instruments diamantés dans la masse

Pietre per pulire le frese diamantate sinterizzate
Sintered diamond cleaning stone

100 x 15 x 15 mm

ISO-No	635 000 600 523 000		1
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Il faut appliquer les pierres blanches pour nettoyage à sec pour arriver aux meilleurs résultats

Per ottenere risultati migliori la pietra per pulire le frese diamantate sinterizzate deve essere utilizzata asciutta

To obtain best results, the sintered diamond cleaning stone should be used dry

529D

Pierre blanche pour nettoyage des instruments diamantés

Pietre per pulire le frese diamantate
Diamond cleaning stone

75 x 25 x 8 mm

ISO-No	635 000 600 524 000		1
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Pour le nettoyage rapide et sans problème des instruments diamantés encrassés afin d'améliorer leur efficacité de meulage (Lors de l'utilisation, le mouillage de la pierre blanche pour nettoyage est recommandé)

Per una pulizia rapida e sicura delle frese diamantate sporche, per migliorarne le prestazioni (inumidire la pietra prima dell'uso)

Designed for fast and easy cleaning of diamond instruments, for improved performance (cleaning stone to be moistened thoroughly before use)



Les instruments de carbure tungstène MEISINGER sont impressionnants par leur construction robuste et fonctionnelle, leur denture précise, leur longévité et leurs propriétés de centrage adéquates. Ils sont fabriqués par l'alliage sélectionné et se caractérisent par leur dimensionnement.

Gli strumenti in carburo di tungsteno Meisinger si caratterizzano per la loro struttura particolarmente stabile e funzionale, la dentellatura precisa del taglio, l'eccellente efficienza, la lunga durata ed una concentricità al di sopra della media. Sono prodotti con un tungsteno con granulometria fine ad alta densità e si caratterizzano per la loro stabilità dimensionale.

MEISINGER tungsten carbide instruments are compelling due to their functional precision toothing, above average concentricity, outstanding efficiency, and long endurance. They are made of high density fine grain metal and are characterized by their practical dimensions.

Fraise carbure • Frese in carburo di tungsteno • Tungsten carbide burs

												
Fig.	HM 1	HM 1S	HM 1SQ	HM 1SQL	HM 71	HM 2	HM 7	HM 7L	HM 21	HM 21L	HM 21R	HM UN245
Page	58	58	58	58	59	59	59	59	59	59	60	60
												
Fig.	HM 23	HM 23L	HM 23R	HM 23SR	HM 23SRF	HM 25	HM 31	HM 31L	HM 31R	HM31RS	HM 31S	
Page	60	60	60	60	60	60	61	61	61	61	61	
												
Fig.	HM33	HM 33R	HM 33L	HM 33IL	HM 34IL	HM 207	HM 280	HM 515	HM 21RX	HM 23RX	HMG21RX	HMG23RX
Page	61	61	62	62	62	62	62	62	62	62	62	63
							 NEW					
Fig.	HM 17	HM 36R	HM G20RX	HM 31C	HM 33C	HM31A	HMG34RS	HMG35RS	HMG37RS	HM7RX		
Page	63	63	63	63	63	63	63	63	63	63		

Fraise à finir • Frese a finire in carburo di tungsteno • Tungsten carbide finishing burs

												
Fig.	HM 41	HM 44E	HM 46	HM 47L	HM 48L	HM 49	HM 49LKR	HM 132	HM 133	HM 134	HM 135	HM 212L
Page	64	64	64	64	64	64	64	65	65	65	65	65
	 NEW	 NEW	 NEW	 NEW								
Fig.	HM 212KR	D0132	D0133	D0134	D0135	HM 212LR	HM 243	HM 243K	HM 244	HM 244K	HM 245	HM 245K
Page	65	65	65	65	65	66	66	66	66	66	66	66
												
Fig.	HM 246	HM 247	HM 274	HM 375R	HM 379							
Page	66	66	67	67	67							

Fraise carbure laboratoire · Fresoni in carburo di tungsteno · Tungsten carbide cutters

<p>S Denture simple Taglio standard medio Plain cut, medium</p> <p>Page 68</p>	<p>G Denture simple, grosse Taglio standard grosso Plain cut, coarse</p> <p>Page 68</p>	<p>EX Denture croisée, ultra-fine Taglio incrociato, extra fine X-cut, extra fine</p> <p>Page 69</p>	<p>FX Denture croisée, fine Taglio incrociato, fine X-cut, fine</p> <p>Page 69</p>
<p>MF "MINIS" comme FX, denture croisée, fine Taglio incrociato „MINIS“ come FX, fine "MINIS" like FX, x-cut, fine</p> <p>Page 70</p>	<p>MG "MINIS" Comme GX, denture croisée, moyenne Taglio incrociato medio „MINIS“ come GX like GX, x-cut, medium</p> <p>Page 70</p>	<p>GX Denture croisée, moyenne Taglio incrociato medio X-cut, medium</p> <p>Page 71</p>	<p>HX Denture croisée, grosse Taglio incrociato grosso X-cut, coarse</p> <p>Page 71</p>
<p>SX Denture croisée, super grosse Taglio incrociato super grosso X-cut, super coarse</p> <p>Page 72</p>	<p>FQ Denture surtaillée, fine Taglio dentellato trasversale fine Cross cut, fine</p> <p>Page 72</p>	<p>Q Denture surtaillée, moyenne Taglio dentellato trasversale medio Cross cut, medium</p> <p>Page 72</p>	<p>FE Denture croisée spéciale, fine Taglio incrociato fine X-cut, fine</p> <p>Page 72</p>
<p>GE Denture croisée, grosse Taglio incrociato medio X-cut, medium</p> <p>Page 73</p>	<p>GM Denture croisée spéciale, moyenne Taglio incrociato medio X-cut, medium</p> <p>Page 73</p>	<p>FF Denture facette surtaillée, grosse Taglio sfaccettato ed incrociato fine Faceted toothing with cross cut, fine</p> <p>Page 73</p>	<p>GF Denture facette surtaillée, fine Taglio sfaccettato ed incrociato grosso Faceted toothing with cross cut, coarse</p> <p>Page 73</p>
<p>ST Denture spéciale, moyenne Taglio speciale super grosso Special toothing, extra coarse</p> <p>Page 74</p>	<p>HT Denture spéciale, super grosse Taglio speciale grosso Special toothing, coarse</p> <p>Page 74</p>	<p>GT Denture spéciale, moyenne Taglio speciale medio Special toothing, medium</p> <p>Page 74</p>	<p>FT Denture spéciale, fine Taglio speciale fine Special toothing, fine</p> <p>Page 74</p>
<p>ET Denture spéciale, extra fine Taglio speciale extra fine Special toothing, extra fine</p> <p>Page 74</p>	<p>UT Denture spéciale, ultra-fine Taglio speciale ultra fine Special toothing, ultra fine</p> <p>Page 74</p>	<p>Z4 Particules de carbure de tungstène Taglio granulare Carbide chip coated</p> <p>Page 75</p>	<p>Z5 Particules de carbure de tungstène Taglio granulare Carbide chip coated</p> <p>Page 75</p>

Instruments pour le fraisage · Strumenti per fresaggio · Technical Cutting Instruments

Technique pour paralléleur · Tecnica per parallelo · Parallel milling

Fig. 497RD	HM 486GX	HM 486	HM 486F	HM 486P	HM 21XL
Page 76	76	76	76	76	76

Polisseurs universels · Abrasivi universali · Universal polishers

Fig. 9518P	9518H
Page 77	77

Technique du fraisage conique · Conimetria · Conical milling

Fig. 496KR	HM 486KX	HM 460FR	HM 460PR	HM203	2823
Page 77	77	77	77	77	77

Fraise carbure • Frese in carburo di tungsteno • Tungsten carbide burs

HM 1

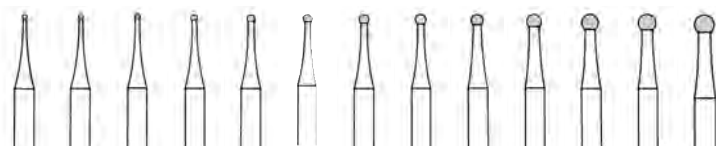


Fig.	Shank	Ref.-No.	US-No.	5	5	5	5	5	5	5	5	5	5	5	5	
				1/4	1/2	1	2	3	4	5	6	7	8	10		
HM 1	HP	500 104 001 001		005	006	007	008	009	010	012	014	016	018	021	023	027
	RA	500 204 001 001		005	006	007	008	009	010	012	014	016	018	021	023	027
	FG short	500 313 001 001									014					
	FG	500 314 001 001		005	006	007	008	009	010	012	014	016	018	021	023	
	FG XL	500 316 001 001		005	006		008		010		014		018		023	
	FG XXL	500 317 001 001							010							



HM 1S

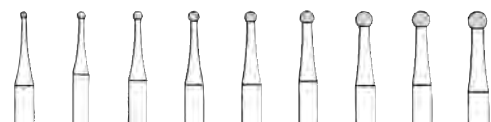


Fig.	Shank	Ref.-No.	US-No.	5	5	5	5	5	5	5	5	5
				1S	2S	3S	4S	5S	6S	7S	8S	10S
HM 1S	RA	500 204 001 003		008	010	012	014	016	018	021	023	027
	RA L	500 205 001 003			010		014		018		023	
	FG	500 314 001 003		008	010	012	014	016	018	021	023	



Pour excavation, Coupe „SQ“ • Taglio aggressivo, incrociato • For excavating, high cutting efficiency

HM 1SQ

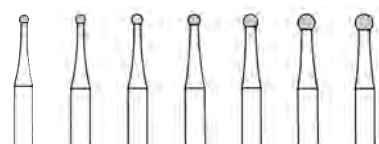


Fig.	Shank	Ref.-No.	US-No.	5	5	5	5	5	5	
HM 1SQ	RA	500 204 001 002		010	012	014	016	018	021	023
	FG	500 314 001 002		010	012	014	016	018	021	023



Coupe „SQ“ - pour excavation
Taglio aggressivo molto preciso, incrociato e dentellato
Designed with precision toothing and cross for excavating

- Vibration réduite considérablement
- Propriétés de centrage adéquates
- Excavation rapide vu sa nouvelle coupe géométrique
- Pression minimale
- Reconnue par sa bague bleue“

- Vibrazioni minime durante l'uso
- Ottima concentricità
- Ottima penetrabilità grazie ad una nuova geometria di taglio
- Minima pressione
- Facile da riconoscere grazie all'anello blu

- Greatly reduced vibration
- Optimal revolving properties
- Fast excavation as a result of new cutting geometry
- Minimal feeding pressure
- Easy recognition by means of blue color ring

HM 1SQL

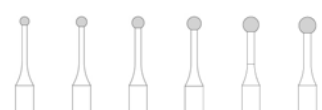


Fig.	Shank	Ref.-No.	US-No.	5	5	5	5	5	
HM 1SQL	RA	500 204 697 003		012	014	016	018	021	023



Coupe „SQ“ - pour excavation, col extra fin, idéal pour meilleure visibilité et meilleur refroidissement.

Il taglio SQ dentellato è ottimo per penetrare la dentina. Il collo extra-lungo permette di migliorare il campo visivo nell'area di lavoro e facilita l'accesso di spray raffreddanti.

Precision toothing and SQ cut for excavation. The long thin neck provides for better visibility and provides for better cooling.

HM 71

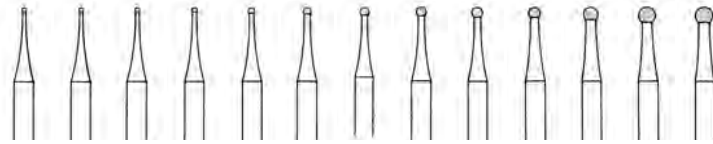


Fig.	Shank	Ref.-No.		5	5	5	5	5	5	5	5	5	5	5	5	
HM 71	HP	500 104 001 175		004	005	006	007	008	009	010	012	014	016	018	021	023



Fraise carbure laboratoire • Frese in tungsteno per laboratorio • Tungsten carbide burs for laboratory

HM 2



Fig.	Shank	Ref.-No.		5	5	5	5	5	5	5	5	5	5
			L mm	0,6	0,8	0,9	1,0	1,2	1,4	1,5	1,8	2,0	
			US-No.	33 1/2	34		35	36	37	38	39	41	
HM 2	HP	500 104 010 001		006	008		010	012	014	016	018	023	
	RA	500 204 010 001		006	008		010	012	014	016	018	023	
	FG short	500 313 010 001					010						
	FG	500 314 010 001		006	008	009	010	012	014	016	018		



Taille en rainure à arête vive peut produire un effet d'entaille abimé.

La parte inferiore con spigoli taglienti può produrre un dannoso effetto incisione!

Sharp edged undercut can produce a damaging notch effect!

HM 7

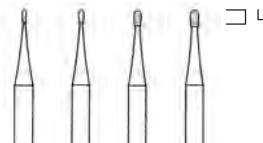


Fig.	Shank	Ref.-No.		5	5	5	5
			L mm	1,7	1,8	2,0	2,2
			US-No.	329	330	331	332
HM 7	RA	500 204 237 001			008		
	FG short	500 313 237 001			008	010	012
	FG	500 314 237 001		006	008	010	012



HM 7L



Fig.	Shank	Ref.-No.		5	5	5
			L mm	3,6	4,1	4,1
			US-No.	330L	331L	332L
HM 7L	FG	500 314 238 006		008	010	
	FG L	500 315 238 006			010	012



HM 21

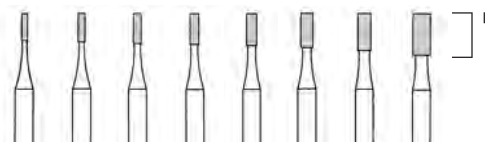


Fig.	Shank	Ref.-No.		5	5	5	5	5	5	5	
			L mm	3,6	3,8	4,1	4,1	4,5	4,5	4,9	5,4
			US-No.		56	57	58	59	60	61	
HM 21	HP	500 104 107 006		008	009	010	012	014	016	018	023
	RA	500 204 107 006		008		010	012				
	FG	500 314 107 006		008	009	010	012	014			
	FG XL	500 316 107 006				010	012				



HM 21L

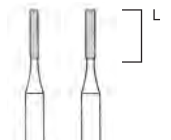


Fig.	Shank	Ref.-No.		5	5
			L mm	6,3	6,3
			US-No.	57L	58L
HM 21L	FG L	500 315 110 006		010	012
	FG XL	500 316 110 006		010	012



HM 21R

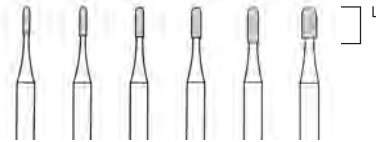


Fig.	Shank	Ref.-No.		5	5	5	5	5	5	
				L mm	3,6	3,8	4,1	4,1	4,5	4,9
				US-No.		1156	1157	1158		
HM 21R	RA	500 204	137 006					012		018
	FG	500 314	137 006	008	009	010	012	014		



HM UN245

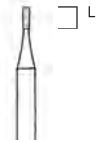


Fig.	Shank	Ref.-No.		5	
				L mm	2,9
				US-No.	245
HM UN245	FG short	500 313	233 006	009	
	FG	500 314	233 006	009	



HM 23

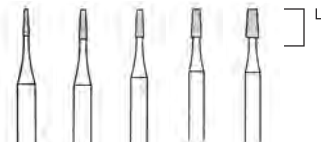


Fig.	Shank	Ref.-No.		5	5	5	5	5	
				L mm	3,6	3,8	4,1	4,1	4,5
				US-No.	168	169	170	171	172
HM 23	HP	500 104	168 006	008					
	FG	500 314	168 006	008	009	010	012	016	
	FG XL	500 316	168 006				012		



HM 23L

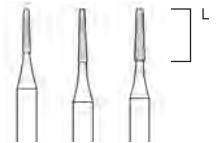


Fig.	Shank	Ref.-No.		5	5	5	
				L mm	5,3	6,3	6,3
				US-No.	169L	170L	171L
HM 23L	FG L	500 315	171 006	009	010	012	
	FG XL	500 316	171 006		010	012	



HM 23R



Fig.	Shank	Ref.-No.		5	5	5	5	5	
				L mm	3,6	4,1	4,1	4,5	4,5
				US-No.	1168	1170	1171		1172
HM 23R	HP	500 104	194 006	008	010	012			
	RA	500 204	194 006			012	014	016	
	FG	500 314	194 006		010	012		016	



HM 23SR

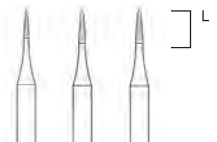


Fig.	Shank	Ref.-No.		5	5	5	
				L mm	3,6	4,2	4,2
				US-No.			
HM 23SR	HP	500 104	196 006	007	009	010	



HM 23SRF



Fig.	Shank	Ref.-No.		5	
				L mm	4,2
HM 23SRF	HP	500 104	196 072	010	



Denture fine • Taglio fine • Fine cross cut

HM 23SRX

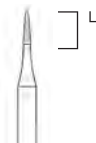


Fig.	Shank	Ref.-No.		5	
				L mm	4,2
HM 23SRX	HP	500 104	196 019	010	



Denture croisée • Taglio incrociato • Cross cut

HM 25



Fig.	Shank	Ref.-No.		5	
				L mm	4,5
				US-No.	37L
HM 25	FG L	500 315	225 006	014	



HM 31

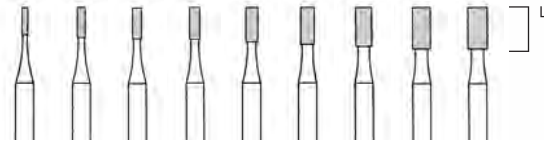


Fig.	Shank	Ref.-No.		5	5	5	5	5	5	5	5	5
			L mm	3,6	3,8	4,1	4,1	4,5	4,5	4,9	5,1	5,4
			US-No.	555	556	557	558	559	560	561	562	563
HM 31	HP	500 104	107 007	008	009	010	012	014	016	018	021	023
	RA	500 204	107 007	008		010	012	014				
	FG short	500 313	107 007			010						
	FG	500 314	107 007	008	009	010	012	014	016			
	FG XL	500 316	107 007			010	012	014				



HM 31L

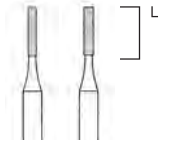


Fig.	Shank	Ref.-No.		5	5
			L mm	6,3	6,3
			US-No.	557L	558L
HM 31L	FG L	500 315	110 007	010	012
	FG XL	500 316	110 007	010	012



HM 31R

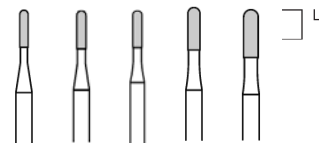


Fig.	Shank	Ref.-No.		5	5	5	5	5
			L mm	3,6	3,8	4,1	4,1	4,5
			US-No.		1556	1557	1558	1559
HM 31R	HP	500 104	137 007	008		010	012	
	FG	500 314	137 007	008	009	010	012	014
	FG XL	500 316	137 007				012	



HM 31RS

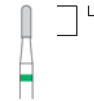


Fig.	Shank	Ref.-No.		5
			L mm	4,1
HM 31RS	FG	500 314	137 008	012



HM 31S

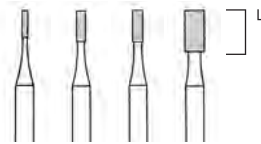


Fig.	Shank	Ref.-No.		5	5	5	5
			L mm	3,6	4,1	4,1	5,4
			US-No.	S556	S557	S558	
HM 31S	HP	500 104	107 009	008	010	012	023
HM 31S	FG	500 314	107 009	008	010	012	

Coupe „SQ“
Versione molto tagliente
High cutting efficiency



HM 33

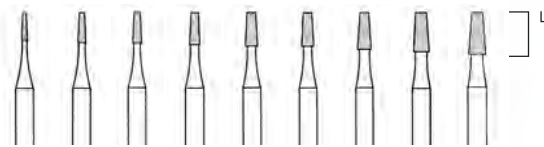


Fig.	Shank	Ref.-No.		5	5	5	5	5	5	5	5	5
			L mm	3,6	3,8	4,1	4,1	4,5	4,5	4,9	4,9	5,4
			US-No.	698	699	700	701		702		703	
HM 33	HP	500 104	168 007	008	009	010	012	014	016	018	021	023
	RA	500 204	168 007			010	012		016	018		
	FG short	500 313	168 007				012					
	FG	500 314	168 007	008	009	010	012	014	016		021	
	FG XL	500 316	168 007			010	012		016		021	



HM 33R

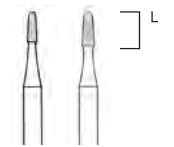


Fig.	Shank	Ref.-No.		5	5
			L mm	4,1	4,5
			US-No.	1701	1702
HM 33R	FG	500 314	194 007	012	016
	FG XL	500 316	194 007		016



HM 33L

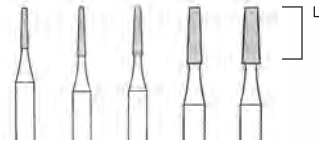
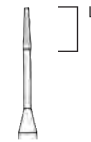


Fig.	Shank	Ref.-No.		5	5	5	5	5
		L mm		5,3	6,3	6,3	6,3	6,3
		US-No.		699L	700L	701L	702L	703L
HM 33L	HP	500 104 171 007		009	010	012	016	021
	FG L	500 315 171 007		009	010	012	016	021
	FG XL	500 316 171 007			010	012		



HM 33IL

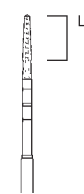


Fraise carbure pour l'implants
Frese per implantologia
Implant bur

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



HM 34IL

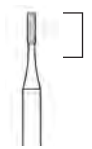


Fraise carbure pour l'implants
Frese per implantologia
Implant bur

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



HM 207

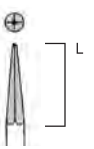


Fraise coupant en bout
Fresa tagliente in testa
End cutting bur

Fig.	Shank	Ref.-No.		5
		L mm		5,3
		US-No.		957L
HM 207	FG	500 314 150 001		010
	FG L	500 315 150 001		010



HM 515

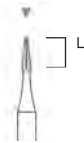


Fraise aiguille de laboratoire
Fresa appuntita per laboratorio
Laboratory cutting bur

Fig.	Shank	Ref.-No.		2
		L mm		11,0
HM 515	HP	500 104 467 211		023



HM 280

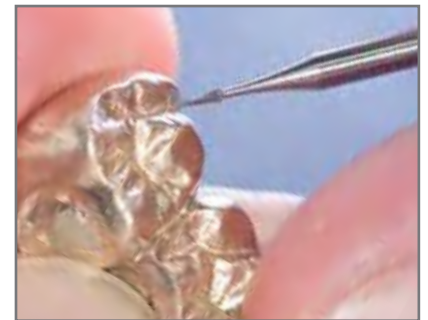


Instrument spécial pour enlever des impuretés se trouvant à l'intérieur des télescopes et couronnes; pour le façonnage des fissures

Fresa speciale per rimuovere le impurità interne delle corone, delle corone telescopiche e rifinire le fissure

Special instrument for removing impurities in inner telescopes and inner crowns; for creating fissures

Fig.	Shank	Ref.-No.		5
		L mm		4,2
HM 280	HP	500 104 170 377		012



Coupeur couronnes • Tagliacorone • Crown cutters

Fraise spéciale pour enlever des couronnes et des bridges, RX = Denture croisée

Frese speciali per la rimozione di ponti e corone e vecchie otturazioni, RX = taglio incrociato

Special burs for removal of crowns and bridges as well as old fillings, RX = cross cut

HM 21RX



Fig.	Shank	Ref.-No.		5	5
		L mm		4,1	4,1
		US-No.			
HM 21RX	HP	500 104 137 019			012
	FG	500 314 137 019		010	012



HM 23RX

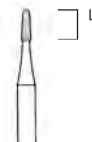


Fig.	Shank	Ref.-No.		5
		L mm		4,1
		US-No.		
HM 23RX	HP	500 104 194 019		012
	FG	500 314 194 019		012



HM G21RX

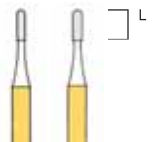


Fig.	Shank	Ref.-No.		5	5
		L mm		4,1	4,1
		US-No.		1557MX	1558MX
HM G21RX	FG	504 314 137 019		010	012



HM G23RX



Fig.	Shank	Ref.-No.		5
			L mm	4,1
			US-No.	1701MX
HM G23RX	FG	504 314 194 019		012



HM 17

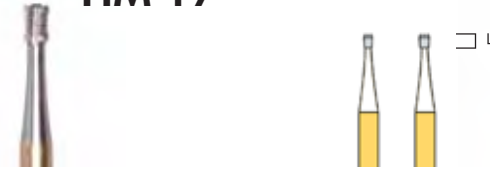


Fig.	Shank	Ref.-No.		5	5
			L mm	1,7	1,7
			US-No.	1931	1932
HM 17	FG	504 314 237 008		010	012



HM 36R

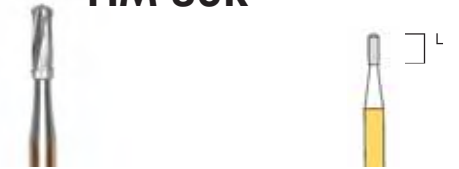


Fig.	Shank	Ref.-No.		5
			L mm	4,0
			US-No.	1958
HM 36R	FG	504 314 139 008		012
	FG XL	504 316 139 008		012



HM G20RX



Fig.	Shank	Ref.-No.		5
			L mm	2,2
HM G20RX	FG	504 314 138 019		010



Fraise spéciale pour enlever l'amalgame
Fresa speciale per rimuovere otturazioni in amalgama
Special bur for removal of amalgam fillings

HM 31C



Fig.	Shank	Ref.-No.		5
			L mm	4,1
HM 31C	RA	500 204 139 015		012
	FG	500 314 139 015		012



HM 33C



Fig.	Shank	Ref.-No.		5
			L mm	4,1
HM 33C	FG	500 314 194 015		012



HM 31A

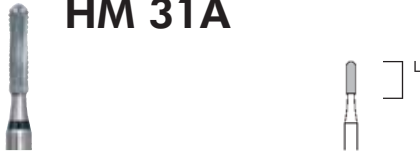


Fig.	Shank	Ref.-No.		5
			L mm	5,3
HM 31A	FG	500 314 139 008		012



HM G34RS



Fig.	Shank	Ref.-No.		5
			L mm	2,0
HM G34RS	FG	504 314 138 008		012



HM G35RS



Fig.	Shank	Ref.-No.		2
			L mm	3,6
HM G35RS	FG	500 314 139 006		012



HM G37RS



Fig.	Shank	Ref.-No.		5
			L mm	4,1
HM G37RS	FG	504 314 137 008		012



HM 7RX



Fig.	Shank	Ref.-No.		5
			L mm	3,35
HM 7RX	FG	500 314 194 019		014



Fraise à finir • Frese in tungsteno a finire • Tungsten carbide finishing burs



sans bague (fin)
senza anello (fine)
without ring (fine)

8-12 lames

8-12 lame

8-12 Blades



bague jaune (F=extra fin)
anello giallo (F = extra fine)
yellow ring (F=extra fine)

16-20 lames

16-20 lame

16-20 Blades



bague blanche (F=ultra fin)
anello bianco (U = ultra fine)
white Ring (U=ultra fine)

30 lames

30 lame

30 Blades

HM 41



HM 41U

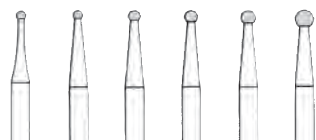


Fig.	Shank	Ref.-No.		5	5	5	5	5	5	
				US-No.	7002	7003	7004	7005	7006	7008
HM 41	RA	500 204 001 071			012	014	016	018	023	
	FG	500 314 001 071		010		014		018	023	
HM 41U	FG	500 314 001 031						018		



HM 44E

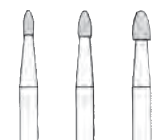


Fig.	Shank	Ref.-No.		5	5	5
				L mm		
				3,3	3,5	3,8
HM 44E	RA	500 204 499 072				023
	FG	500 314 499 072		014	018	023



HM 46

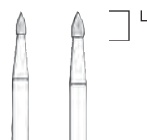


Fig.	Shank	Ref.-No.		5	5	
				L mm		
				3,4	3,9	
				US-No.	7104	7106
HM 46	FG	500 314 254 072		014	018	



HM 47L

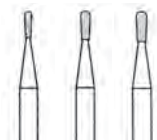


Fig.	Shank	Ref.-No.		5	5	5	
				L mm			
				4,0	4,0	5,0	
				US-No.	7302	7303	7304
HM 47L	RA	500 204 238 072			012		
	FG	500 314 238 072		010	012	014	



HM 48L



HM 48LF
HM 48LU

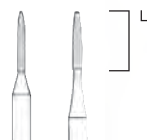


Fig.	Shank	Ref.-No.		5	5
				L mm	
				8,0	8,0
HM 48L	RA	500 204 249 072			012
	FG	500 314 249 072		010	012
HM 48LF	FG	500 314 249 042			012
HM 48LU	FG	500 314 249 032			012



HM 49

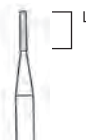


Fig.	Shank	Ref.-No.		5
				L mm
				5,3
				US-No.
HM 49	FG	500 314 107 072		010



HM 49LKR



Fig.	Shank	Ref.-No.		5	5
				L mm	
				8,0	8,0
HM 49LKR	FG L	500 315 158 072		012	014



HM 132

HM 132F
HM 132U

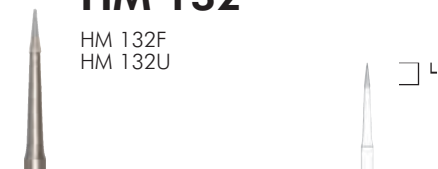


Fig.	Shank	Ref.-No.	5
		L mm	3,1
		US-No.	ET3
HM 132	FG	500 314 699 071	008
HM 132F	FG	500 314 699 041	008
HM 132U	FG	500 314 699 031	008



HM 133

HM 133F
HM 133U

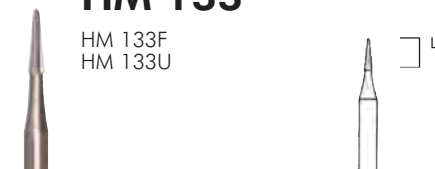


Fig.	Shank	Ref.-No.	5
		L mm	4,2
		US-No.	ET4
HM 133	FG	500 314 159 071	010
HM 133F	FG	500 314 159 041	010
HM 133U	FG	500 314 159 031	010



HM 134

HM 134F
HM 134U



Fig.	Shank	Ref.-No.	5
		L mm	6,0
		US-No.	ET6
HM 134	FG	500 314 164 071	014
HM 134F	FG	500 314 164 041	014
HM 134U	FG	500 314 164 031	014



HM 135

HM 135F
HM 135U

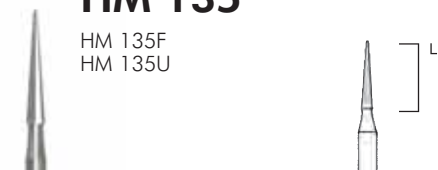


Fig.	Shank	Ref.-No.	5
		L mm	9,0
		US-No.	ET9
HM 135	FG	500 314 166 071	014
HM 135F	FG	500 314 166 041	014
HM 135U	FG	500 314 166 031	014



HM 212L

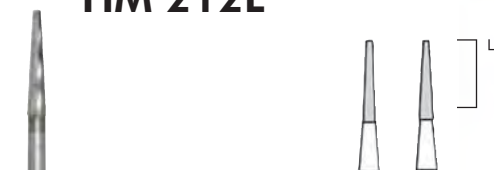


Fig.	Shank	Ref.-No.	5	5
		L mm	9,0	9,0
		US-No.	7204	7205
HM 212L	FG	500 314 184 072	014	016



HM 212KR



Fig.	Shank	Ref.-No.	5
		L mm	3,5
HM 212KR	FG	500 314 584 072	023



Instrument de finition au carbure à torsion
Frese a finire in tungsteno con taglio a spirale
Tungsten carbide finishing burs with twist

NEW

Available
as of
Summer
2011

D0132

D132F
D132U



Fig.	Shank	5	
		L mm	3,1
D0132	FG	008	
D132F	FG	008	
D132U	FG	008	



D0133

D133F
D133U



Fig.	Shank	5	
		L mm	4,2
D0133	FG	010	
D133F	FG	010	
D133U	FG	010	



D0134

D134F
D134U



Fig.	Shank	5	
		L mm	6,0
D0134	FG	014	
D134F	FG	014	
D134U	FG	014	



D0135

D135F
D135U

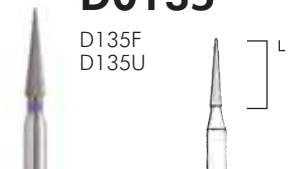


Fig.	Shank	5	
		L mm	9,0
D0135	FG	014	
D135F	FG	014	
D135U	FG	014	



HM 212LR



Fig.	Shank	Ref.-No.		5
			L mm	8,0
HM 212LR	FG	500 314 585 072		016



HM 243



Fig.	Shank	Ref.-No.		5
			L mm	6,0
HM 243	FG	500 314 288 072		012



HM 243K



Fig.	Shank	Ref.-No.		5	5
			L mm	6,0	6,0
HM 243K	RA	500 204 297 072			016
	FG	500 314 297 072		014	



HM 244



Fig.	Shank	Ref.-No.		5	5
			L mm	8,0	8,0
HM 244	RA	500 204 289 072		012	
	FG	500 314 289 072		012	014



HM 244K



Fig.	Shank	Ref.-No.		5	5
			L mm	8,0	8,0
HM 244K	RA	500 204 298 072			021
	FG	500 314 298 072		016	021



HM 245



Fig.	Shank	Ref.-No.		5	5
			L mm	10,0	10,0
HM 245	FG	500 314 290 072		012	014



HM 245K

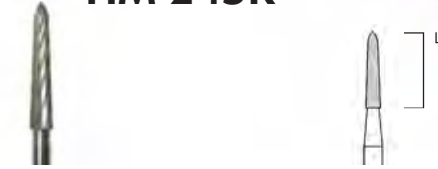


Fig.	Shank	Ref.-No.		5
			L mm	10,0
HM 245K	FG	500 314 299 072		018



HM 246

HM 246U



Fig.	Shank	Ref.-No.		5	5	5	5	5
			L mm	3,6	3,6	3,6	3,6	3,6
		US-No.		7901	7902	7903	7904	
HM 246	HP	500 104 496 071		008				
	RA	500 204 496 071					012	
	FG	500 314 496 071		008	009	010	012	014
HM 246U	FG	500 314 296 031			009			



HM 247

HM 247F
HM 247U

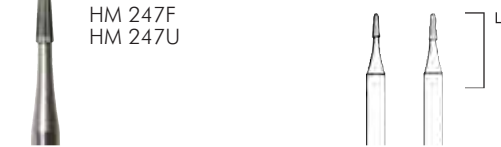


Fig.	Shank	Ref.-No.		5	5
			L mm	3,1	3,6
		US-No.		7801	7802
HM 247	FG	500 314 195 071		009	010
HM 247F	FG	500 314 195 041		009	
HM 247U	FG	500 314 195 031		009	



HM 274

HM 274U

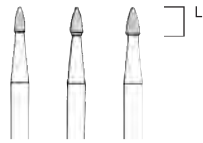


Fig.	Shank	Ref.-No.		5	5	5
		L mm		3,4	3,7	3,7
		US-No.			274	
HM 274	HP	500 104 274 072			016	
	RA	500 204 274 072			016	
	FG	500 314 274 072	014	016	018	
HM 274U	FG	500 314 274 032		016		



HM 375R

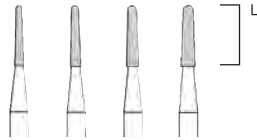


Fig.	Shank	Ref.-No.		5	5	5	5
		L mm		8,0	8,0	8,0	8,0
		US-No.		7653	7664	7675	7686
HM 375R	FG	500 314 198 072	012	014	016	018	



HM 379

HM 379F
HM 379U

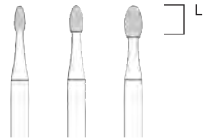
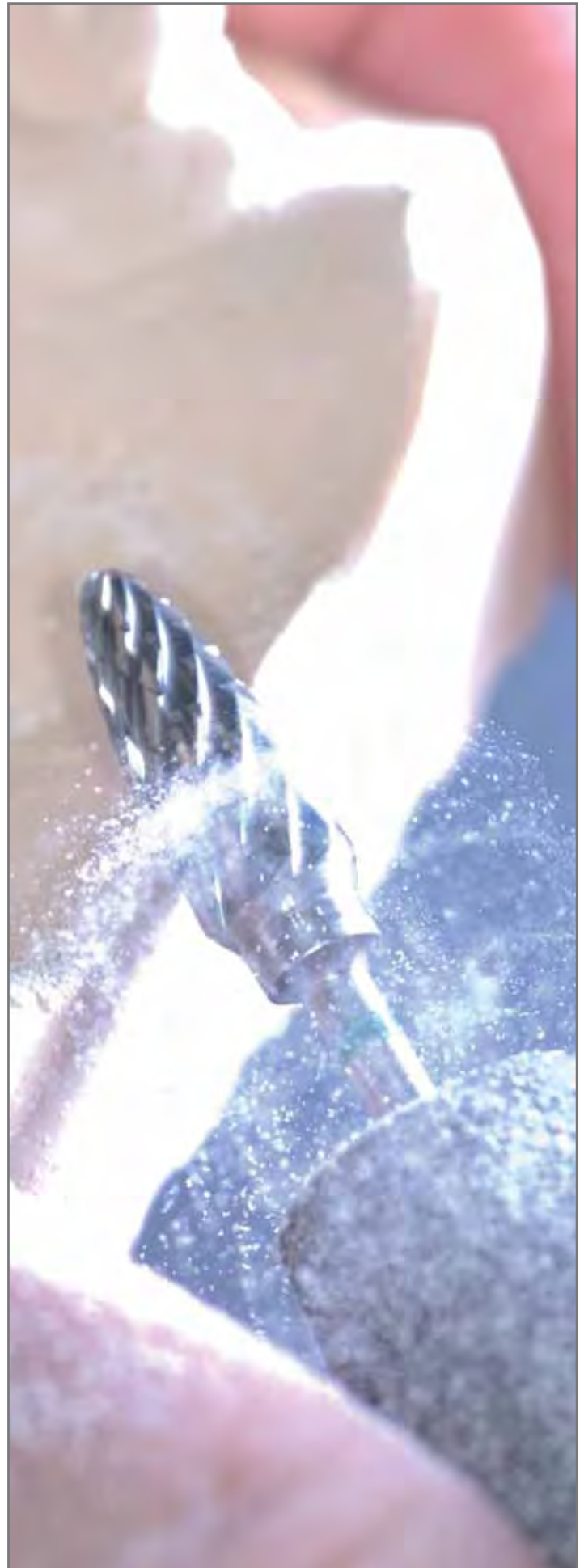


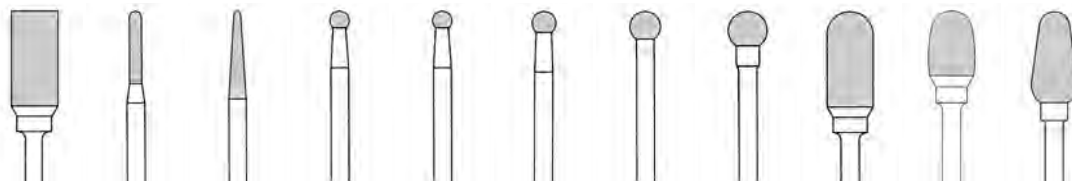
Fig.	Shank	Ref.-No.		5	5	5
		L mm		3,1	3,5	4,2
		US-No.		7404	7406	7408
HM 379	RA	500 204 277 072			018	023
	FG	500 314 277 072	014	018	023	
HM 379F	FG	500 314 277 042	014	018	023	
HM 379U	FG	500 314 277 032	014	018	023	



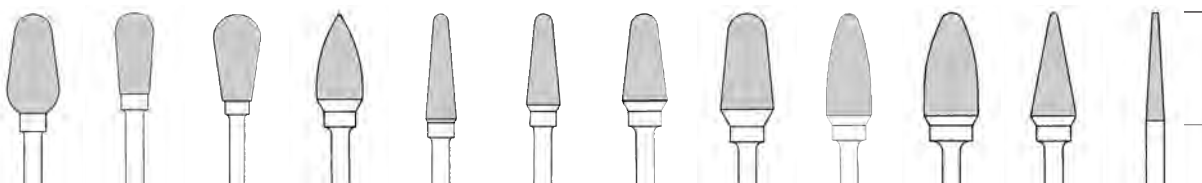
Fraise carbure • Fresoni in tungsteno • Tungsten carbide cutters

Denture simple (No de référence 175), bague bleue, pour un dégrossissage efficace de tous alliages durs ayant des surfaces extrêmement lisses
 Taglio standard (Numero di riferimento 175) anello blu, per sgrossare tutti i tipi di materiali duri ed ottenere superfici particolarmente lisce
 Plain cut, medium (Ref.-No. 175), blue ring, for effective trimming of hard materials and for obtaining especially smooth surfaces

S



Shank	Ref.-No.	HM 21	HM 21LR	HM 23LR	HM 71	HM 71	HM 71	HM 71	HM 71	HM 72	HM 73	HM 75
		060	016	023	025	027	031	040	050	060	060	060
	L mm	13,7	9,5	11,5	0,0	0,0	0,0	0,0	0,0	13,7	10,0	12,0
HP	500 104 ...	... 107 175	... 141 175	... 199 175	... 001 175	... 001 175	... 001 175	... 001 175	... 001 175	... 137 175	... 277 175	... 260 175
		2	2	2	2	2	2	2	2	2	2	2
RA	500 204 ...											... 260 175
												2



Shank	Ref.-No.	HM 75	HM 77	HM 77	HM 78	HM 79	HM 79	HM 79	HM 79	HM 251	HM 251	HM 416	HM 489
		070	050	060	060	040	045	060	070	060	070	060	023
	L mm	13.2	10,7	11,7	12,7	14,2	12,7	12,7	17,7	14,7	14,7	14,7	15,0
HP	500 104 ...	... 260 175	... 237 175	... 237 175	... 257 175	... 194 175	... 194 175	... 194 175	... 194 175	... 274 175	... 274 175	... 201 175	... 187 175
		2	2	2	2	2	2	2	2	2	2	2	
RA	500 204 ...					... 194 175							
						2							

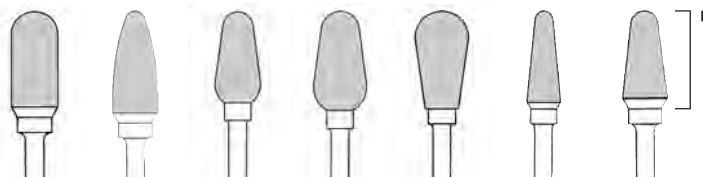


Denture grosse (No de référence 215), bague verte, pour un travail rapide et efficace sur résine et plâtre

Taglio grosso (Numero di riferimento 215) anello verde, per una lavorazione rapida ed efficace su resine e gesso

Plain cut, coarse (Ref.-No. 215), green ring, for rapid and effective trimming of acrylics and also plaster

G

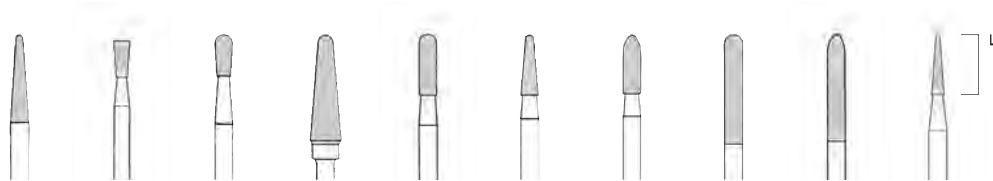


Shank	Ref.-No.	HM 72G	HM 251G	HM 75G	HM 75G	HM 77G	HM 79G	HM 79G
		060	060	060	070	070	045	060
	L mm	13,7	14,7	12,0	13,2	12,7	12,7	12,7
HP	500 104 ...	... 137 215	... 274 215	... 260 215	... 260 215	... 237 215	... 194 215	... 194 215
		2	2	2	2	2	2	2



Denture croisée, extra-fine (No de référence 141), bague jaune, pour un travail fin et compliqué sur résine, métaux précieux et les alliages non-précieux
 Taglio incrociato extra fine (Numero di riferimento 141) anello giallo per lavori di precisione su ceramica, metalli preziosi e tutte le leghe in metalli vili
 X-cut, extra fine (Ref.-No. 141), yellow ring, for fine, precise trimming of ceramics, precious metals and all non-precious alloys

EX

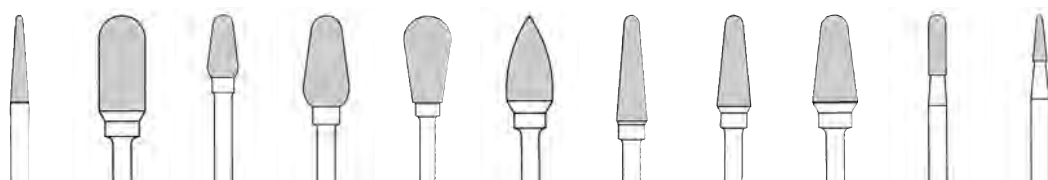


Shank	Ref.-No.	HM 23EX	HM 30EX	HM 77EX	HM 79EX	HM 129EX	HM 138EX	HM 139EX	HM 486EX	HM 487EX	HM 488EX
		023	023	023	040	023	023	023	023	023	016
	L mm	11,5	5,5	5,5	14,2	8,0	8,0	8,0	14,0	14,0	8,0
HP	500 104 ...	... 199 141	... 255 141	... 237 141	... 194 141	... 140 141	... 198 141	... 289 141	... 137 141	... 292 141	... 184 141
		2	2	2	2	2	2	2	2	2	2

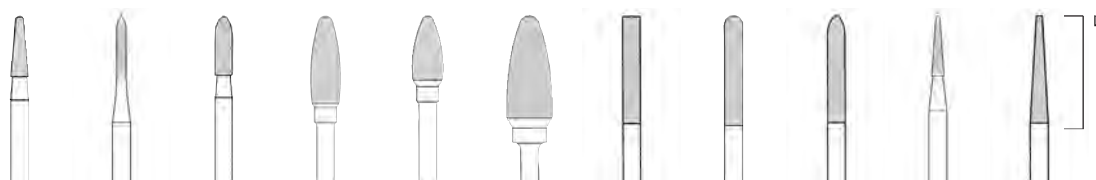


Denture croisée, fine (No de référence 140), bague rouge, pour un dégrossissage fin et compliqué de tous alliages durs, de résines et de céramiques
 Taglio incrociato fine (Numero di riferimento 140) anello rosso per lavori di precisione su leghe dure, resine e ceramiche
 X-cut, fine (Ref.-No. 140), red ring, for delicate and difficult trimming of hard alloys, acrylics and ceramics

FX



Shank	Ref.-No.	HM 23FX	HM 72FX	HM 75FX	HM 75FX	HM 77FX	HM 78FX	HM 79FX	HM 79FX	HM 79FX	HM 129FX	HM 138FX
		023	060	040	060	060	060	040	045	060	023	018
	L mm	11,5	13,7	8,3	12,0	11,7	12,7	14,2	12,7	12,7	8,0	8,0
HP	500 104 ...	... 199 140	... 137 140	... 260 140	... 260 140	... 237 140	... 257 140	... 194 140	... 194 140	... 194 140	... 140 140	... 198 140
		2	2	2	2	2	2	2	2	2	2	2

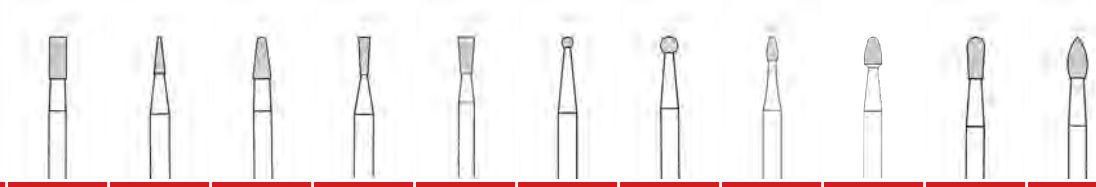


Shank	Ref.-No.	HM 138FX	HM 139FX	HM 139FX	HM 250FX	HM 251FX	HM 251FX	HM 460FX	HM 486FX	HM 487FX	HM 488FX	HM 489FX
		023	012	023	040	040	060	023	023	023	016	023
	L mm	8,0	8,0	8,0	12,0	9,3	14,7	14,0	14,0	14,0	8,0	15,0
HP	500 104 ...	... 198 140	... 289 140	... 289 140	... 275 140	... 274 140	... 274 140	... 116 140	... 137 140	... 292 140	... 184 140	... 187 140
		2	2	2	2	2	2	2	2	2	2	2



“MINIS” comme FX, denture croisée, fine (No de référence 140), bague rouge, pour un dégrossissage fin et compliqué de tous alliages durs, de résines et de céramiques
 Taglio incrociato “MINIS” come FX (Numero di riferimento 140) anello rosso per lavori di rifinitura su leghe dure, resine e ceramiche.
 “MINIS” like FX, x-cut, fine (Ref.-No. 140), red ring, for fine and accurate trimming of hard alloys, acrylics and ceramics

MF



Shank	Ref.-No.	HM 21MF	HM 23MF	HM 23MF	HM 30MF	HM 30MF	HM 71MF	HM 71MF	HM 73MF	HM 73MF	HM 77MF	HM 78MF
		023	014	023	014	023	014	023	014	023	023	023
	L mm	5,5	4,8	5,5	4,8	5,5	0,0	0,0	3,1	4,1	5,5	5,5
HP	500 104 ...	... 109 140	... 196 140	... 196 140	... 225 140	... 225 140	... 001 140	... 001 140	... 277 140	... 277 140	... 237 140	... 257 140
		2	2	2	2	2	2	2	2	2	2	2

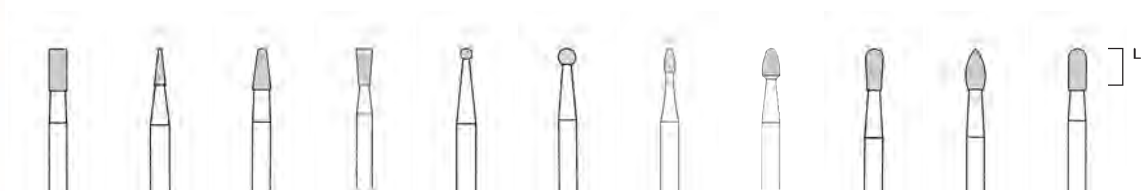


Shank	Ref.-No.	HM 274MF	HM 486MF	HM 486MF
		016	014	023
	L mm	3,7	4,8	5,5
HP	500 104 ...	... 274 140	... 139 140	... 139 140
		2	2	2



“MINIS” comme GX, denture croisée, simple (No de référence 220), bague bleue, pour un dégrossissage sur grandes surfaces d’alliages non-précieux et de résines
 Taglio incrociato “MINIS” come GX (Numero di riferimento 220) anello blu per lavori di sgrassatura su grosse superfici di leghe in metalli vili e resine
 “MINIS” like GX, x-cut, medium (Ref.-No. 220), blue ring, for trimming non-precious alloys and acrylics

MG

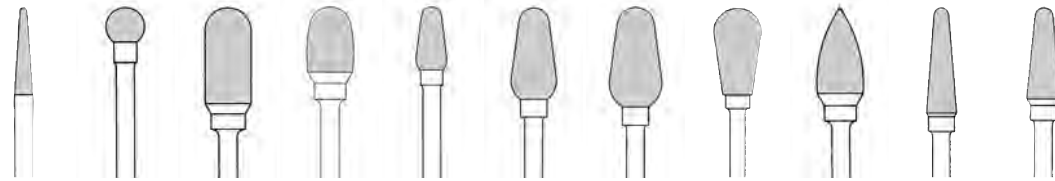


Shank	Ref.-No.	HM 21MG	HM 23MG	HM 23MG	HM 30MG	HM 71MG	HM 71MG	HM 73MG	HM 73MG	HM 77MG	HM 78MG	HM 486MG
		023	014	023	023	014	023	014	023	023	023	023
	L mm	5,5	4,8	5,5	5,5	0,0	0,0	3,1	4,1	5,5	5,5	5,5
HP	500 104 ...	... 109 220	... 196 220	... 196 220	... 225 220	... 001 220	... 001 220	... 277 220	... 277 220	... 237 220	... 257 220	... 139 220
		2	2	2	2	2	2	2	2	2	2	2

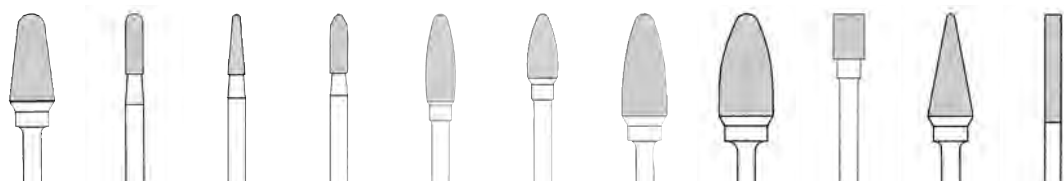


Denture croisée, simple (No de référence 190), bague bleue, pour un dégrossissage sur grandes surfaces d'alliages non-précieux et de résines
 Taglio incrociato medio (Numero di riferimento 190) anello blu per lavori di sgrossatura su grosse superfici di leghe in metalli vili e resine
 X-cut, medium (Ref.-No. 190), blue ring, for trimming large surfaces of non-precious alloys and acrylics

GX



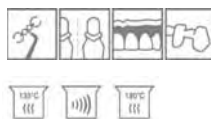
Shank	Ref.-No.	HM 23GX	HM 71GX	HM 72GX	HM 73GX	HM 75GX	HM 75GX	HM 75GX	HM 77GX	HM 78GX	HM 79GX	HM 79GX
		023	050	060	060	040	060	070	060	060	040	045
	L mm	11,5	0,0	13,7	10,0	8,3	12,0	13,2	11,7	12,7	14,2	12,7
HP	500 104 ...	... 199 190	... 001 190	... 137 190	... 277 190	... 260 190	... 260 190	... 260 190	... 237 190	... 257 190	... 194 190	... 194 190
		2	2	2	2	2	2	2	2	2	2	2
RA	500 204 ...						... 260 190				... 194 190	
							2				2	



Shank	Ref.-No.	HM 79GX	HM 129GX	HM 138GX	HM 139GX	HM 250GX	HM 251GX	HM 251GX	HM 251GX	HM 296GX	HM 416GX	HM 460GX
		060	023	023	023	040	040	060	070	040	060	023
	L mm	12,7	8,0	8,0	8,0	12,0	9,3	14,7	14,7	6,0	14,7	14,0
HP	500 104 ...	... 194 190	... 140 190	... 198 190	... 289 190	... 275 190	... 274 190	... 274 190	... 274 190	... 110 190	... 201 190	... 116 190
		2	2	2	2	2	2	2	2	2	2	2
RA	500 204 ...							... 274 190				
								2				

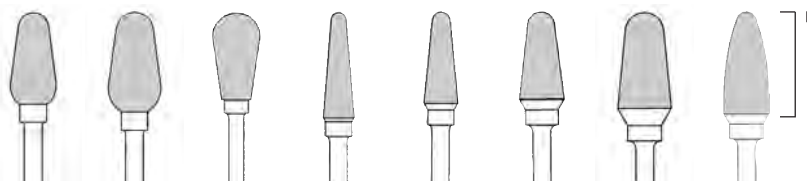


Shank	Ref.-No.	HM 486GX	HM 486GX	HM 486GX	HM 487GX
		010	015	023	023
	L mm	9,0	10,0	14,0	14,0
HP	500 104 ...			... 137 190	... 292 190
				2	2
HP short	500 103 ...	... 137 190	... 137 190	... 137 190	
		2	2	2	



Denture croisée, grosse (No de référence 220), bague verte, pour un dégrossissage sur grandes surfaces de résines, de matériaux pour porte empreinte et de plâtre
 Taglio incrociato extra-grosso (Numero di riferimento 220) anello verde per lavori di sgrossatura su resine, materiali per impronta e gesso.
 X-cut, coarse (Ref.-No. 220), green ring, for trimming large surfaces of acrylics, tray materials and plaster

HX

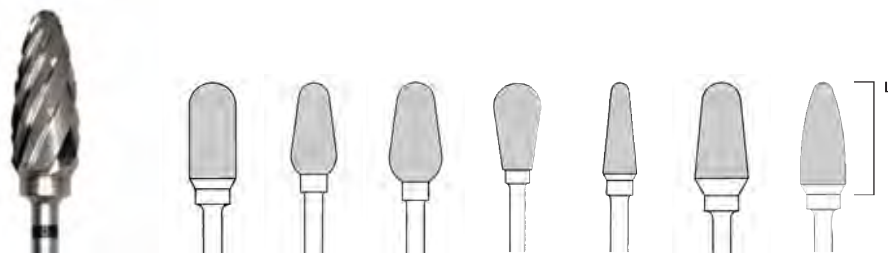


Shank	Ref.-No.	HM 75HX	HM 75HX	HM 77HX	HM 79HX	HM 79HX	HM 79HX	HM 79HX	HM 251HX
		060	070	060	040	045	060	070	060
	L mm	12,0	13,2	11,7	14,2	12,7	12,7	14,7	14,7
HP	500 104 ...	... 260 220	... 260 220	... 237 220	... 194 220	... 194 220	... 194 220	... 194 220	... 274 220
		2	2	2	2	2	2	2	2



Denture croisée, super grosse (No de référence 224), bague noire, pour grattage efficace sur plâtre - même mouillé
 Taglio incrociato super-grosso (Numero di riferimento 224) anello nero per lavorare il gesso, anche bagnato
 X-cut, super coarse (Ref.-No. 224), black ring, the optimum for acrylic, plaster, and wet plaster

SX

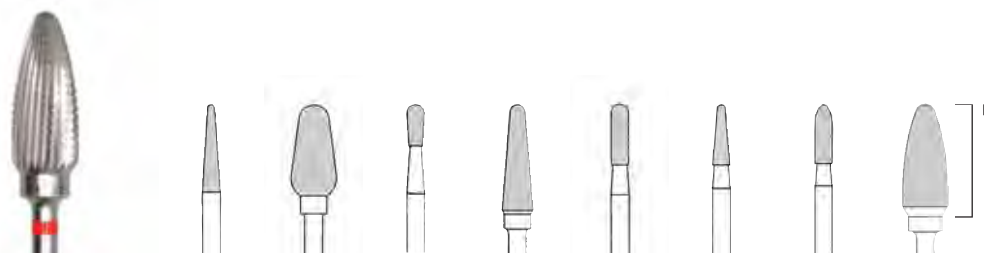


Shank	Ref.-No.	HM 72SX	HM 75SX	HM 75SX	HM 77SX	HM 79SX	HM 79SX	HM 251SX
		060	060	070	060	045	070	060
	L mm	13,7	12,0	13,2	11,7	12,7	14,7	14,7
HP	500 104 ...	... 137 224	... 260 224	... 260 224	... 237 224	... 194 224	... 194 224	... 274 224
		2	2	2	2	2	2	2

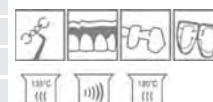


Denture surtaillée, fine (No de référence 134), bague rouge, pour un dégrossissage de tous alliages et de résines durs
 Taglio dentellato trasversale fine (Numero di riferimento 134) anello rosso per rifiniture di tutti i tipi di leghe e di resine dure
 Cross cut, fine (Ref.-No. 134), red ring, for fine trimming on all alloys and hard acrylics

FQ

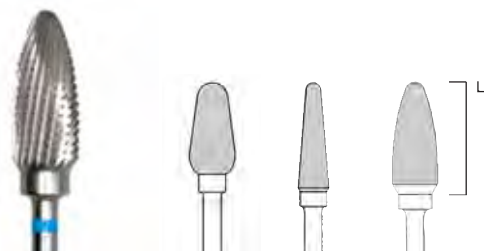


Shank	Ref.-No.	HM 23FQ	HM 75FQ	HM 77FQ	HM 79FQ	HM 129FQ	HM 138FQ	HM 139FQ	HM 251FQ
		023	060	023	040	023	023	023	060
	L mm	11,5	12,0	5,5	14,2	8,0	8,0	8,0	14,7
HP	500 104 ...	... 199 134	... 260 134	... 237 134	... 194 134	... 140 134	... 198 134	... 289 134	... 274 134
		2	2	2	2	2	2	2	2



Denture surtaillée, moyenne (No de référence 176), bague bleue, pour dégrossissage et lissage efficace de toutes le prothèses et amovibles en résine pour l'orthopédie
 Taglio dentellato trasversale medio (Numero di riferimento 176) anello blu per lavori di sgrossatura e levigature per tutte le protesi ed in ortopedia
 Cross cut, medium (Ref.-No. 176), blue ring, for effective and smooth trimming on all prothesis and surgical acrylics

Q



Shank	Ref.-No.	HM 75Q	HM 79Q	HM 251Q
		060	040	060
	L mm	12,0	14,2	14,7
HP	500 104 ...	... 260 176	... 194 176	... 274 176
		2	2	2



Denture croisée spéciale (No de référence 144), bague rouge, pour un dégrossissage fin de métaux précieux
 Taglio incrociato (Numero di riferimento 144) anello rosso per ritoccare leghe in metallo nobile
 Special X-cut (Ref.-No. 144), red ring, for fine trimming on precious alloys

FE



Shank	Ref.-No.	HM 23FE
		023
	L mm	11,5
HP	500 104 ...	... 199 144
		2



Denture croisée, (No de référence 192), bague bleue, pour un dégrossissage efficace de métaux précieux
 Taglio incrociato (Numero di riferimento 192) anello blu per la lavorazione su leghe in metallo nobile
 X-cut (Ref.-No. 192), blue ring, for effective trimming on precious alloys

GE

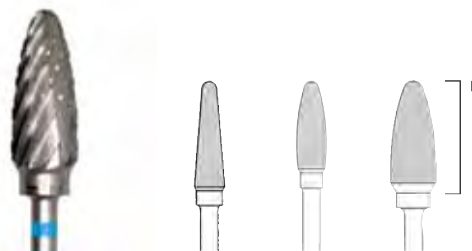


Shank	Ref.-No.	HM 23GE
		023
	L mm	11,5
HP	500 104 ...	... 199 192
		2



Denture croisée spéciale (No de référence 191), bague bleue, pour un travail sur les alliages non-précieux, les résines et le plâtre
 Taglio incrociato speciale (Numero di riferimento 191) anello blu per la lavorazione di scheletrati, resine e gesso
 Special X-cut (Ref.-No. 191), blue ring, for use on model casting alloys, acrylics, and plaster

GM

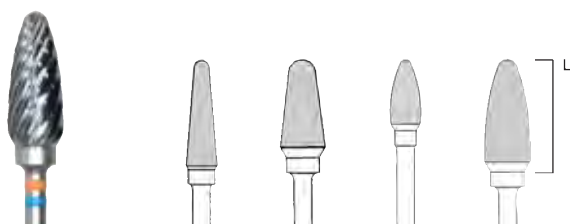


Shank	Ref.-No.	HM 79GM	HM 250GM	HM 251GM
		040	040	060
	L mm	14,2	12,0	14,7
HP	500 104 ...	... 194 191	... 275 191	... 274 191
		2	2	2



Denture facette surtaillée, fine (No de référence 181), bague orange/bleue, pour un dégrossissage fin sur de résines, de résines molles et de plâtre
 Taglio sfaccettato ed incrociato fine (Numero di riferimento 181) anello arancio/blu per la rifinitura di resine, resine molli per palati e gesso
 Faceted tothing with cross cut, fine (Ref.-No. 181), orange/blue ring, for fine work on acrylics, permanent soft acrylics, and hard plaster

FF

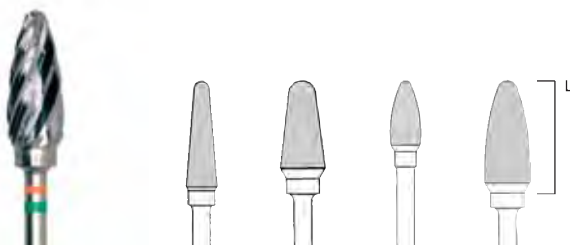


Shank	Ref.-No.	HM 79FF	HM 79FF	HM 251FF	HM 251FF
		040	060	040	060
	L mm	14,2	11,4	9,3	14,7
HP	500 104 ...	... 194 181	... 194 181	... 274 181	... 274 181
		2	2	2	2



Denture facette surtaillée, grosse (No de référence 182), bague orange/verte, pour un travail sur de résines, de résines molles et de plâtre
 Taglio sfaccettato ed incrociato grosso (Numero di riferimento 182) anello arancio/verde per lavori su resine, resine molli per palati e gesso
 Faceted tothing with cross cut, coarse (Ref.-No. 182), orange/green ring, for work on acrylic, permanent soft acrylics, and hard plaster

GF



Shank	Ref.-No.	HM 79GF	HM 79GF	HM 251GF	HM 251GF
		040	060	040	060
	L mm	14,2	11,4	9,3	14,7
HP	500 104 ...	... 194 182	... 194 182	... 274 182	... 274 182
		2	2	2	2



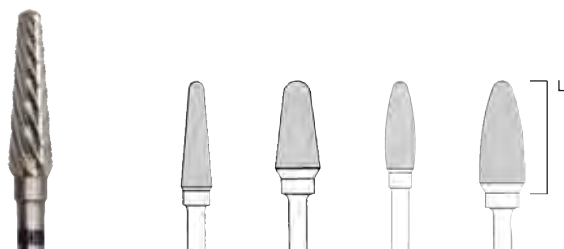
- Lames plus fortes, résistantes et élargies par les facettes
- Copeaux volumineux pour absorber plus de matière
- Particulièrement aptes pour le travail sur tous résines molles, d'autres résines et plâtre
- Bonne qualité de surface même avec une grande excavation
- Même en vitesse élevée, très performant (jusqu'au 30.000 min⁻¹)

- Taglio rinforzato, più resistente ed allungato grazie alle sfaccettature
- Spazio maggiore tra i tagli per espellere meglio il truciolato
- Particolarmente adatti per le resine morbide, per altri tipi di resina e per gesso
- Malgrado la rimozione di molto materiale, si ottiene un'ottima qualità di superficie
- Molto efficace anche ad alta velocità (fino a 30.000 giri min.⁻¹)

- Reinforced, resistant and widened beveled cutters
- Ample chip spaces, for the expulsion of material
- Specially suited for all permanent acrylics, acrylic resins, and gypsum material
- In spite of high material removal a good surface quality is reached
- High rotation speeds, very high out-put (up to 30,000 min⁻¹)

Denture croisée spéciale pour titan, super grosse (No de référence 226), bague noire, pour un travail rapide et efficace de titan et d'alliages de titan
 Taglio speciale per il titanio, super-grosso (Numero di riferimento 226) anello nero per la lavorazione veloce ed efficace di titanio e leghe di titanio
 Special toothing for titanium, extra coarse (Ref.-No. 226) black ring, for fast effective work on titanium and titanium alloys

ST

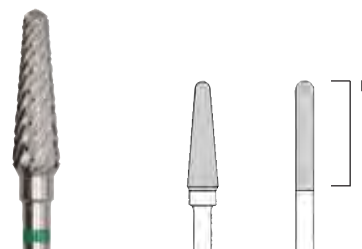


Shank	Ref.-No.	HM 79ST	HM 79ST	HM 250ST	HM 251ST
		040	060	040	060
	L mm	14,2	12,7	12,0	14,7
HP	500 104 ...	... 194 226	... 194 227	... 275 227	... 274 227
		2	2	2	2



Denture croisée spéciale pour titan, grosse (No de référence 221), bague verte, pour un dégrossissage sur grandes surfaces de titan et d'alliages de titan
 Taglio speciale per il titanio, grosso (Numero di riferimento 221) anello verde per la lavorazione di grandi superfici di titanio e leghe di titanio
 Special toothing for titanium, coarse (Ref.-No. 221), green ring, for extensive trimming on titanium and titanium alloys

HT

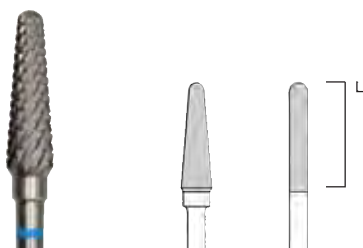


Shank	Ref.-No.	HM 79HT	HM 486HT
		040	023
	L mm	14,2	14,0
HP	500 104 ...	... 194 221	... 137 221
		2	2



Denture croisée spéciale pour titan, moyenne (No de référence 194), bague bleue, pour travail rapide de titan et d'alliages de titan
 Taglio speciale per titanio, medio (Numero di riferimento 194) anello blu per lavorare velocemente su titanio e leghe di titanio
 Special toothing for titanium, medium (Ref.-No. 194), blue ring, for speedy work on titanium and titanium alloys

GT

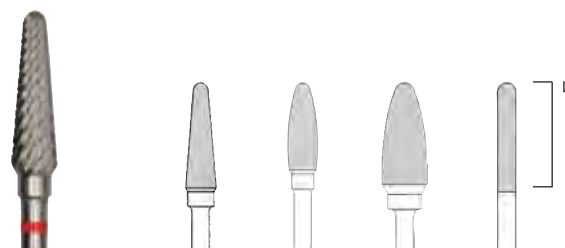


Shank	Ref.-No.	HM 79GT	HM 486GT
		040	023
	L mm	14,2	14,0
HP	500 104 ...	... 194 194	... 137 194
		2	2



Denture croisée spéciale pour titan, fine (No de référence 142), bague rouge, pour un travail fin et compliqué de titan et d'alliages de titan
 Taglio speciale per il titanio, fine (Numero di riferimento 142) anello rosso per lavori difficili e di precisione su titanio e leghe di titanio
 Special toothing for titanium, fine (Ref.-No. 142), red ring, for fine, difficult work on titanium and titanium alloys

FT

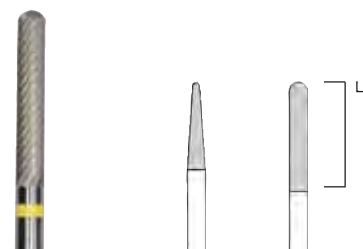


Shank	Ref.-No.	HM 79FT	HM 250FT	HM 251FT	HM 486FT
		040	040	060	023
	L mm	14,2	12,0	14,7	14,0
HP	500 104 ...	... 194 142	... 275 142	... 274 142	... 137 142
		2	2	2	2



Denture croisée spéciale pour titan, ultra fine (No de référence 111), bague jaune, pour un travail fin et compliqué de titan et d'alliages de titan
 Taglio speciale per il titanio, extra-fine (Numero di riferimento 111) anello giallo per rifiniture e ritocchi precisi su titanio e leghe di titanio
 Special toothing for titanium, extra fine (Ref.-No. 111), yellow ring, for extra fine, difficult work on titanium and titanium alloys

ET

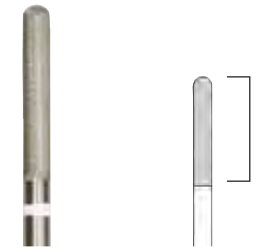


Shank	Ref.-No.	HM 23ET	HM 486ET
		023	023
	L mm	11,5	14,0
HP	500 104 ...	... 199 111	... 137 111
		2	2



Denture croisée spéciale pour titan, ultra fine (No de référence 110), bague blanche, pour travail fini de titan et d'alliages de titan avant le polissage
 Taglio speciale per il titanio, ultra-fine (Numero di riferimento 110) anello bianco per rifiniture su titanio e leghe di titanio prima della lucidatura
 Special toothing for titanium, ultra fine (Ref.-No. 110), white ring, for final work on titanium and titanium alloys prior to polishing

UT



Shank	Ref.-No.	HM 486UT
		023
	L mm	14,0
HP	500 104 ...	... 137 110
		2

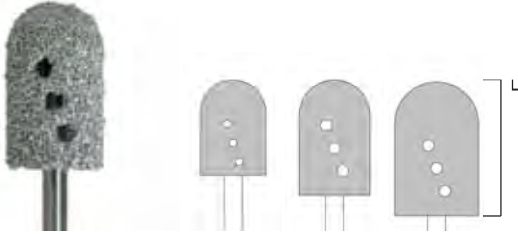


Instruments MEIGRIT • Fresoni MEIGRIT • MEIGRIT Instruments



Particules de carbure de tungstène (No de référence 513) pour le travail efficace sur tous les matériaux de rebasage en résine molle
 Taglio granulare (Numero di riferimento 513) per una lavorazione efficace su resine morbide per ribasatura
 Carbide chip coated (Ref.-No. 513), for effective trimming on soft relining material

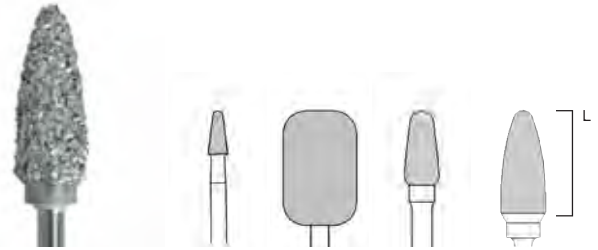
Z4



Shank	Ref.-No.	HM 80Z4	HM 80Z4	HM 80Z4
		085	095	115
	L mm	12,5	15,5	18,5
HP	500 104 ...	... 524 513	... 524 513	... 524 513
		1	1	1



Z5



Shank	Ref.-No.	HM 23Z5	HM 72LZ5	HM 79Z5	HM 251Z5
		027	095	040	060
	L mm	7,5	13,7	9,5	14,7
HP	500 104 ...	... 196 523	... 144 523	... 194 523	... 274 523
		2	2	2	2



Instruments pour le fraisage

Les instruments pour le fraisage MEISINGER sont harmonisés parfaitement et offrent des possibilités variées d'utilisation variées. Les nuances choisies, la construction, les dentures et dimensions se qualifient spécialement pour les exigences de la technique du fraisage conique et pour paralléliseur. Ces instruments spéciales sont à utiliser en pression de travail modérée en respectant les vitesses réduites et moyennes.

Strumenti per fresaggio

Gli strumenti per fresaggio della Meisinger si adattano tra di loro nel modo migliore e per questo offrono un ampio spettro di possibilità d'uso. Le materie prime selezionate, il disegno, il taglio e le dimensioni si prestano principalmente per tecniche di fresaggio del parallelo e di conimetria. Questi strumenti speciali si devono utilizzare con un numero di giri da basso a medio e con una pressione moderata.

Technical Cutting Instruments

MEISINGER's technical cutting instruments offer to each other. A wide exact details and optimal adaption to each other, a wide spectrum of application possibilities. Their well-chosen material, construction, precision toothing, and dimensions are defined especially for the requirements of the parallel- and conical cutting technique. These special instruments are to be used at low to medium speed under moderate grinding pressure.

Technique pour paralléliseur • Tecnica del parallelo • Parallel milling

497RD

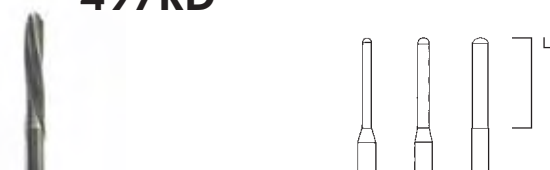


Fig.	Shank	Ref.-No.		2	2	2
			L mm	12,0	12,0	12,0
497RD	HP short	350 103 143 366		012	016	023



Racleur à cire
Fresone per cera
Wax cutters (HSS)

HM 486GX

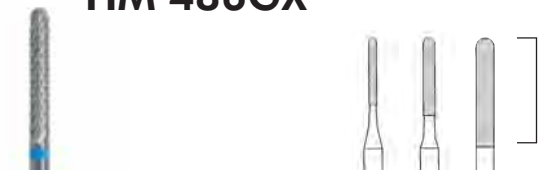


Fig.	Shank	Ref.-No.		2	2	2
			L mm	9,0	10,0	14,0
HM 486GX	HP short	500 103 137 190		010	015	023
	HP	500 104 137 190				023



Fraise pour paralléliseur avec denture croisée (carbure), moyenne, bague bleue
Fresoni per parallelo con taglio incrociato (tungsteno) standard, anello blu
Parallel milling cutters with x-cut (tungsten carbide) medium, blue ring

HM 486



Fig.	Shank	Ref.-No.		2	2	2
			L mm	12,0	14,0	14,0
HM 486	HP short	500 103 137 177		016	021	023



Fraise pour paralléliseur (carbure)
Fresoni per parallelo (tungsteno)
Parallel milling cutters (tungsten carbide)

HM 486F



Fig.	Shank	Ref.-No.		2	2	2
			L mm	9,0	10,0	14,0
HM 486F	HP short	500 103 137 135		010	015	023



Fraise pour paralléliseur (carbure), fin, bague rouge
Fresoni per parallelo (tungsteno) fine, anello rosso
Parallel milling cutters (tungsten carbide) fine, red ring

HM 486P



Fig.	Shank	Ref.-No.		2	2
			L mm	10,0	14,0
HM 486P	HP short	500 103 137 103		015	023



Fraise pour paralléliseur (carbure), biseautée, extra-fine, bague jaune
Fresoni per parallelo (tungsteno) taglio smussato, extra-fine anello giallo
Parallel milling cutters (tungsten carbide) extra fine, yellow ring

HM 21XL



Fig.	Shank	Ref.-No.		2	2
			L mm	8,0	8,0
HM 21XL	HP short	500 103 111 006		007	010



Fraise à rainure (carbure)
Fresoni per scanalatura (tungsteno)
Grooving cutters (tungsten carbide)

Polisseurs universels • Gommini universali • Universal polishers

9518P

(9576)



Fig.	Shank	Ref.-No.		3
		L mm		12,0
9518P	HP short	652 103 113 513		140

9518H

(9577)



Fig.	Shank	Ref.-No.		3
		L mm		12,0
9518H	HP short	652 103 113 503		140

Technique du fraisage conique • Conimetria • Conical milling

496KR

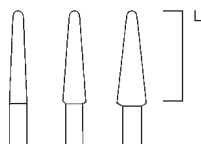


Fig.	Shank	Ref.-No.		2	2	2
		L mm		12,0	12,0	12,0
				2°	4°	6°
496KR	HP short	330 103 200 377		023	031	040

Racler à cire conique, arrondi

Fresone per cera da conimetria con punta arrotondata

Conical wax milling cutters, rounded end

HM 486KX

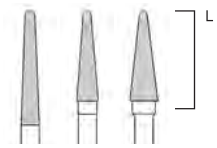


Fig.	Shank	Ref.-No.		2	2	2
		L mm		15,0	13,0	13,0
				2°	4°	6°
HM 486KX	HP short	500 103 200 190		023	028	036

Fraise conique (carbure) arrondie avec denture croisée moyenne, bague bleue

Fresoni per conimetria (tungsteno) con punta arrotondata taglio incrociato standard, anello blu

Conical milling cutters (tungsten carbide) rounded end with x-cut medium, blue ring

HM 460FR

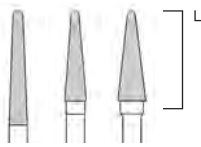


Fig.	Shank	Ref.-No.		2	2	2
		L mm		15,0	13,0	13,0
				2°	4°	6°
HM 460FR	HP short	500 103 200 135		023	028	036

Fraise conique (carbure), arrondie, fine, bague rouge

Fresoni per conimetria (tungsteno) con punta arrotondata, taglio fine anello rosso

Conical milling cutters (tungsten carbide) rounded end, fine, red ring

HM 460PR

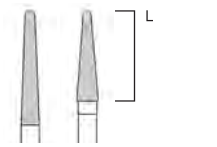


Fig.	Shank	Ref.-No.		2	2
		L mm		15,0	13,0
				2°	4°
HM 460PR	HP short	500 103 200 103		023	028

Fraise conique (carbure), arrondie, biseautée, extra-fine, bague jaune

Fresoni per conimetria (tungsteno) con punta arrotondata, taglio smussato extra-fine anello giallo

Conical milling cutters (tungsten carbide) rounded end, extra fine, yellow ring

HM 203



Fig.	Shank	Ref.-No.		2	Fraise spirale
		L mm		9,0	Fresa a spirale
HM 203	HP short	500 103 417 364		010	Twist drill



2823



50 ml



Huile spéciale pour la technique du fraisage
Olio speciale per fresaggio
Special oil for milling technique

Les abrasifs céramiques de MEISINGER sont fabriqués à base de corindon raffiné et de carbure de silicium de haute qualité. Présentant les atouts convaincants d'une granulation régulière et d'une dureté de liaison optimale, ils se distinguent par une tige très résistante, inoxydable. La haute qualité de leur fabrication garantit une concentricité axiale précise.

Gli abrasivi ceramici della MEISINGER sono prodotti in corindone puro ed in carburo di silicio di alta qualità. Si distinguono per la loro grana uniforme e per la durezza del legante. Il gambo è in acciaio inossidabile. L'alta qualità di produzione garantisce una concentricità molto precisa.

MEISINGER ceramic abrasives are made of high-quality special fused siliziumcarbide. The instruments are characterized by even granulation, bonding hardness, and are characterized further by their stainless steel shanks.

Meule abrasive pour l'oxyde de zirconium • Abrasivi per ossido di zirconio • Abrasives for zirconium oxide



Especially for CAD/CAM

Fig.	Z602	Z623	Z638	Z652R	Z660	Z667	Z722	Z732	Z736
Page	80	80	80	80	80	80	80	80	80

Meule à abrasif diamanté céramique • Abrasivi ceramici diamantati • Ceramic diamond abrasives

Especially for CAD/CAM

Fig.	D602F	D638G/F	D652G/F	D660G/F	D667G/F	D722G/F	D732G/F	D735F
Page	81	81	81	81	81	81	81	81

Abrasif de l'Arkansas • Abrasivi „Arkansas“ • Abrasives „Arkansas“

Abrasif au carbure de silicium (SiC) • Abrasivi in carburo di silicio • Abrasives SiC vert à grains fins • verdi fini • green, fine

Fig.	601XF	612XF	638XF	645XF	649XF	661XF	666XF
Page	82	82	82	82	82	82	82

Fig.	601F	638F	645F	649F	661F
Page	82	82	82	83	83

Abrasif au carbure de silicium (SiC) • Abrasivi in carburo di silicio • Abrasives SiC vert à grains moyens • verdi medi • green, medium

Fig.	601	602	603	609	613	622	624	632	633	638	639	640	649	650
Page	83	83	83	83	83	83	84	84	84	84	84	84	84	84

Fig.	651	652	652R	653	661	662	665	666	667	671	702	703	712	716
Page	84	84	84	84	84	84	84	85	85	85	85	85	85	85

Fig.	721	727	728
Page	85	85	85

Abrasif en corindon raffiné (EK) • Abrasivi in corindone • Corundum abrasives rose • rosa • pink

Fig.	601	602	603	613	624	626	627	638	639	640	648	649	650	652R	661
Page	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86



Fig.	662	663	665	666	667	671
Page	87	87	87	87	87	87

Meule abrasive de K+B · Abrasivi K+B · Abrasives "C+B"
vert · verdi · green

Abrasis en corindon raffiné (EK)
Abrasivi in corindone
Corundum abrasives
blanche · bianco · white



Fig.	453
Page	87

marron · marroni · brown



Fig.	KB649R	KB652R	KB671	KB716	KB722	KB727	KB728	KB731	KB735	KB640	KB652	KB667	KB671	KB731	KB733
Page	87	87	87	88	88	88	88	88	88	88	88	88	88	88	88

bleu · blu · blue



Fig.	B638R	B649R	B652R	B667	B671	B731
Page	89	89	89	89	89	89

orangé · arancio · orange



Fig.	S652R	S653	S671
Page	89	89	89

Meule abrasive spéciale pour les alliages au chrome-cobalt, blanche
Abrasivi speciali bianchi, per leghe cromo-cobalto
Mounted points for chrome cobalt alloys, white



Fig.	731	732	733	736
Page	90	90	90	90

Meule abrasive spéciale pour les alliages au chrome-cobalt, rose à liaison dure
Abrasivi speciali rosa, per leghe cromo-cobalto, legante duro
Mounted points for chrome cobalt alloys, pink, hard bonding



Fig.	731	732	733	734	735	735S	736	737
Page	90	90	90	90	90	90	91	91

Meule abrasive spéciale pour les alliages au chrome-cobalt, marron à liaison moyenne
Abrasivi speciali marroni per leghe cromo-cobalto legante medio
Mounted points for chrome cobalt alloys, brown, medium bonding



Fig.	731	732	733	734	735	736
Page	91	91	91	91	91	91

Meule abrasive spéciale pour les alliages au chrome-cobalt, marron clair à liaison tendre
Abrasivi speciali marrone chiaro per leghe cromo-cobalto legante morbido
Mounted points for chrome cobalt alloys, light brown, soft bonding



Fig.	731	732	733
Page	91	91	91

Pointes abrasives de dégrossissage · Abrasivi per laboratorio · Laboratory trimmers



Fig.	744	743S	744	751	743S	751
Page	92	92	92	92	92	92



Fig.	9573X
Page	92

Disques abrasifs / disques à séparer
Dischi abrasivi e dischi separatori
Abrasive discs / Cutting discs



Fig.	777	777	777	P777	A767	A771
Page	93	93	93	93	93	93

Pierres à rectifier
Pietre per rettificare
Dressing stones



Fig.	A772	A777	505	506	581	582	583	586
Page	93	93	93	93	94	94	94	94



Fig.	529	529MG	529D	529S
Page	94	94	94	94

Meule abrasive pour l'oxyde de zirconium • Abrasivi per ossido di zirconio • Abrasives for zirconium oxide

Z602 medium



Fig.	Shank	Ref.-No.		2
Z602	HP	655 104 001 526		040



Z623 medium



Fig.	Shank	Ref.-No.		2
Z623	HP	655 104 043 526	L mm	3,0
				060



Z638 medium



Fig.	Shank	Ref.-No.		2
Z638	HP	655 104 110 526	L mm	6,5
				025



Z652R medium



Fig.	Shank	Ref.-No.		2
Z652R	HP	655 104 199 526	L mm	10,5
				035



Z660 medium



Fig.	Shank	Ref.-No.		2
Z660	HP	655 104 257 526	L mm	12,0
				045



Z667 medium



Fig.	Shank	Ref.-No.		2
Z667	HP	655 104 257 526	L mm	7,5
				035



Z722 medium



Fig.	Shank	Ref.-No.		2
Z722	HP	655 104 304 526	L mm	2,5
				180



Z732 medium



Fig.	Shank	Ref.-No.		2
Z732	HP	655 104 107 526	L mm	12,5
				050



Z736 medium



Fig.	Shank	Ref.-No.		2
Z736	HP	655 104 012 526	L mm	7,0
				065



- Idéal pour le façonnage à sec
- Vitesse de rotation réduite
- Excellente érosion du matériau moyennant une infime usure
- Surfaçage très précis sans refroidissement
- Moyen d'éviter des microfissures sur l'oxyde de zirconium
- Faible dégagement de chaleur

- Ideale per una lavorazione a secco
- Basso numero di giri
- Abrasione eccellente, con un consumo minimo dello strumento
- Ottima lavorazione della superficie, senza bisogno di raffreddamento
- Previene le microfessure sull'ossido di zirconio
- Basso sviluppo di calore

- Ideal for dry surface work
- Minimal wear due to optimal material abrasion
- Fine surface work without cooling
- Prevention of hairline cracks on zirconiumoxide
- Low heat development

2670
Zirkon Master Kit



Meule à abrasif diamanté céramique • Abrasivi ceramici diamantati • Diamond ceramic abrasives

Meule abrasive à surface diamantée pour façonner des matières plastiques dures, l'oxyde de zirconium, la céramique pressée et la céramique avec précision en toute sécurité

Abrasivi con superficie diamantata per una rifinitura accurata di resine dure, ossido di zirconio, presso-ceramica e ceramica.

Diamond abrasives contain diamond surface for precise and safe processing of acrylic resins, zirconium oxide, hard ceramic and porcelains

D602F extra fine



Fig.	Shank	Ref.-No.	2
			L mm 6,0
D602F	HP	805 104 001 504	040



D638F extra fine

D638G coarse

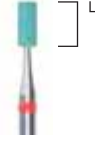


Fig.	Shank	Ref.-No.	2
			L mm 6,0
D638G	HP	805 104 110 534	025
D638F	HP	805 104 110 504	025



D652F extra fine

D652G coarse

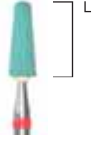


Fig.	Shank	Ref.-No.	2
			L mm 10,0
D652G	HP	805 104 199 534	035
D652F	HP	805 104 199 504	035



D660F extra fine

D660G coarse



Fig.	Shank	Ref.-No.	2
			L mm 12,0
D660G	HP	805 104 257 534	040
D660F	HP	805 104 257 504	040



D667F extra fine

D667G coarse



Fig.	Shank	Ref.-No.	2
			L mm 7,0
D667G	HP	805 104 257 534	035
D667F	HP	805 104 257 504	035



D722F extra fine

D722G coarse



Fig.	Shank	Ref.-No.	2
			L mm 7,0
D722G	HP	805 104 304 534	160
D722F	HP	805 104 304 504	160



D732F extra fine

D732G coarse



Fig.	Shank	Ref.-No.	2
			L mm 12,0
D732G	HP	805 104 107 534	050
D732F	HP	805 104 107 504	050



D735F extra fine



Fig.	Shank	Ref.-No.	2
			L mm 5,0
D735F	HP	805 104 012 504	070



Abrasif de l'Arkansas • Abrasivi Arkansas • Abrasives „Arkansas“

Meule abrasive "Arkansas", blanche, à grains extra-fins pour le finissage et le polissage de matériaux d'obturation, notamment de toutes les obturations synthétiques (composites)

"Abrasivi "Arkansas" bianchi con grana "extra fine" per rifinire e lucidare materiali da otturazione in resina e composito

White "Arkansas" abrasives, extra fine, for smooth grinding and polishing of filling materials and composites

601XF extra fine



Fig.	Shank	Ref.-No.		5
L mm				
601XF	HP	635 104 001 505		030
	RA	635 204 001 505		030
	FG	635 314 001 505		030



612XF extra fine



Fig.	Shank	Ref.-No.		5
L mm				
2,5				
612XF	HP	635 104 013 505		055
	FG	635 314 013 505		055



638XF extra fine



Fig.	Shank	Ref.-No.		5
L mm				
6,0				
638XF	HP	635 104 110 505		025
	RA	635 204 110 505		025
	FG	635 314 110 505		025



645XF extra fine

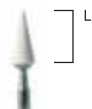


Fig.	Shank	Ref.-No.		5
L mm				
7,0				
645XF	HP	635 104 161 505		028
	RA	635 204 161 505		028
	FG	635 314 161 505		028



649XF extra fine



Fig.	Shank	Ref.-No.		5
L mm				
6,0				
649XF	HP	635 104 171 505		025
	RA	635 204 171 505		025
	FG	635 314 171 505		025



661XF extra fine



Fig.	Shank	Ref.-No.		5
L mm				
7,0				
661XF	HP	635 104 288 505		025
	RA	635 204 288 505		025
	FG	635 314 288 505		025



666XF extra fine



Fig.	Shank	Ref.-No.		5
L mm				
6,5				
666XF	FG	635 314 257 505		025



Abrasif au carbure de silicium (SiC) • Abrasivi in carburo di silicio • Abrasives SiC Vert à grains fins • verdi fini • green, fine

Meule abrasive au carbure de silicium, verte, à grains fins pour le meulage de l'émail, de la porcelaine et des alliages précieux

Abrasivi in carburo di silicio, verdi, con grana fine per levigare smalto, porcellana e metalli preziosi

The green fine abrasives are designed for smooth grinding of enamel, porcelain and precious metals

601F fine



Fig.	Shank	Ref.-No.		5
L mm				
6,0				
601F	RA	655 204 001 513		030
	FG	655 314 001 513		030



638F fine



Fig.	Shank	Ref.-No.		5
L mm				
6,0				
638F	RA	655 204 110 513		025
	FG	655 314 110 513		025



645F fine



Fig.	Shank	Ref.-No.		5
L mm				
7,0				
645F	HP	655 104 161 513		028
	RA	655 204 161 513		028
	FG	655 314 161 513		028



649F fine



Fig.	Shank	Ref.-No.		5
			L mm	6,0
649F	RA	655 204 171 513		025
	FG	655 314 171 513		025



661F fine



Fig.	Shank	Ref.-No.		5
			L mm	7,0
661F	HP	655 104 288 513		025
	RA	655 204 288 513		025
	FG	655 314 288 513		025



vert à grains moyens • verdi medi • green, medium

Meule abrasive au carbure de silicium, verte, à grains moyens pour le meulage de l'émail, de la porcelaine et des alliages précieux

Abrasivi in Carburo di silicio, verde, con grana media per abradere smalto, porcellana e metalli preziosi

The green medium abrasives are designed for smooth grinding of enamel, porcelain and precious metals

601 medium



Fig.	Shank	Ref.-No.		5
601	HP	655 104 001 523		030
	RA	655 204 001 523		030



602 medium



Fig.	Shank	Ref.-No.		5
602	HP	655 104 001 523		040
	RA	655 204 001 523		040



603 medium



Fig.	Shank	Ref.-No.		5
603	HP	655 104 001 523		050
	RA	655 204 001 523		050



609 medium



Fig.	Shank	Ref.-No.		5
			L mm	6,5
609	HP	655 104 012 523		065



613 medium



Fig.	Shank	Ref.-No.		5
			L mm	3,0
613	HP	655 104 014 523		070



622 medium



Fig.	Shank	Ref.-No.		5
			L mm	2,0
622	HP	655 104 042 523		065
	RA	655 204 042 523		065



624

medium



Fig.	Shank	Ref.-No.		5
			L mm	5,0
624	HP	655 104 109 523		060



632

medium



Fig.	Shank	Ref.-No.		5
			L mm	2,5
632	HP	655 104 316 523		070



633

medium



Fig.	Shank	Ref.-No.		5
			L mm	4,0
633	HP	655 104 316 523		090



638

medium



Fig.	Shank	Ref.-No.		5
			L mm	6,0
638	HP	655 104 110 523		025
	RA	655 204 110 523		025



639

medium



Fig.	Shank	Ref.-No.		5
			L mm	6,0
639	RA	655 204 110 523		035



640

medium



Fig.	Shank	Ref.-No.		5
			L mm	6,0
640	HP	655 104 110 523		050



649

medium



Fig.	Shank	Ref.-No.		5
			L mm	6,0
649	HP	655 104 171 523		025
	RA	655 204 171 523		025



650

medium



Fig.	Shank	Ref.-No.		5
			L mm	6,0
650	HP	655 104 171 523		028
	RA	655 204 171 523		028



651

medium



Fig.	Shank	Ref.-No.		5
			L mm	6,0
651	RA	655 204 171 523		032



652

medium



Fig.	Shank	Ref.-No.		5
			L mm	10,5
652	HP	655 104 173 523		035
	RA	655 204 173 523		035



652R

medium



Fig.	Shank	Ref.-No.		5
			L mm	10,5
652R	HP	655 104 199 523		035



653

medium



Fig.	Shank	Ref.-No.		5
			L mm	12,0
653	HP	655 104 174 523		040



661

medium



Fig.	Shank	Ref.-No.		5
			L mm	7,0
661	HP	655 104 288 523		025
	RA	655 204 288 523		025



662

medium



Fig.	Shank	Ref.-No.		5
			L mm	7,5
662	HP	655 104 288 523		035
	RA	655 204 288 523		035



665

medium



Fig.	Shank	Ref.-No.		5
			L mm	12,0
665	HP	655 104 273 523		060
	RA	655 204 273 523		060



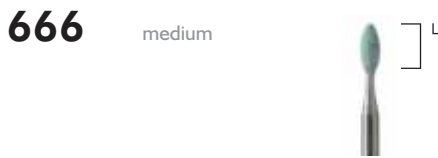



Fig.	Shank	Ref.-No.		5
			L mm	6,5
666	HP	655 104 257 523		025
	RA	655 204 257 523		025

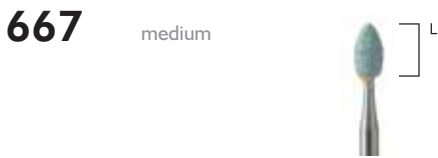



Fig.	Shank	Ref.-No.		5
			L mm	7,0
667	HP	655 104 257 523		035
	RA	655 204 257 523		035

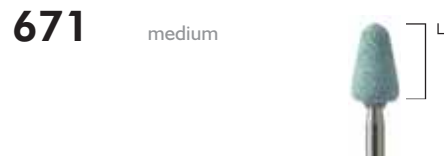



Fig.	Shank	Ref.-No.		5
			L mm	10,0
671	HP	655 104 266 523		060
	RA	655 204 266 523		060

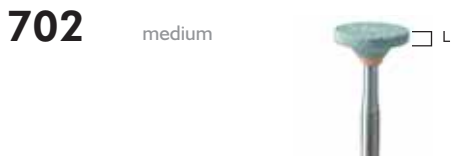



Fig.	Shank	Ref.-No.		5
			L mm	1,5
702	HP	655 104 041 523		095

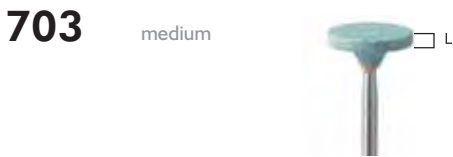



Fig.	Shank	Ref.-No.		5
			L mm	1,5
703	HP	655 104 041 523		130

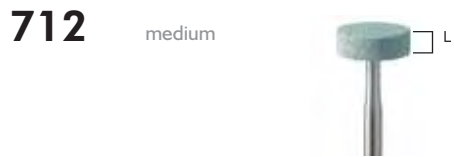



Fig.	Shank	Ref.-No.		5
			L mm	3,0
712	HP	655 104 042 523		095

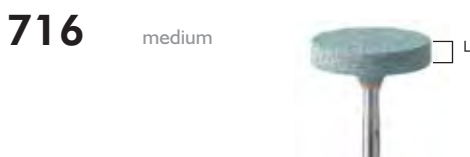



Fig.	Shank	Ref.-No.		5
			L mm	3,0
716	HP	655 104 372 523		160

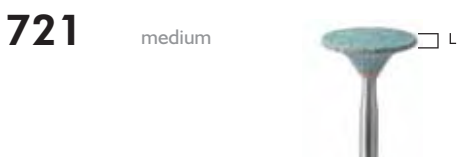



Fig.	Shank	Ref.-No.		5
			L mm	2,0
721	HP	655 104 304 523		125

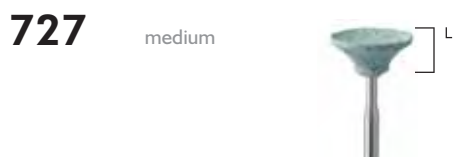



Fig.	Shank	Ref.-No.		5
			L mm	6,0
727	HP	655 104 024 523		125

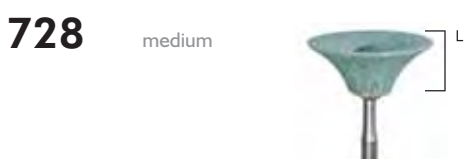

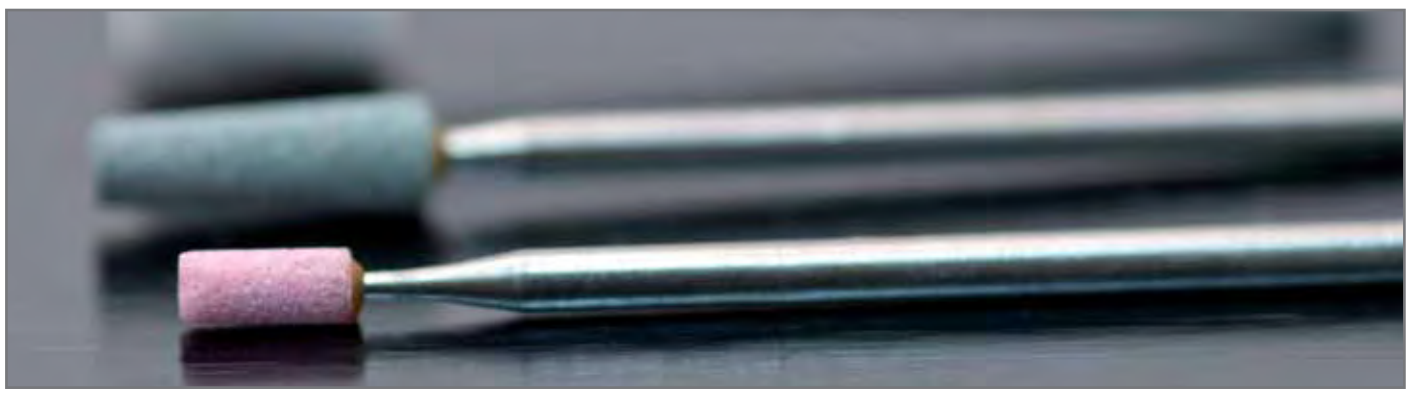


Fig.	Shank	Ref.-No.		5
			L mm	5,0
728	HP	655 104 023 523		165



Abrasif en corindon raffiné (EK) • Abrasivi in corindone • Corundum Abrasives rose • rosa • pink

Abrasif en corindon raffiné (Al₂O₃), rose pour façonner des métaux de toutes sortes

Abrasivi in Corindone (Al₂O₃) rosa, per la lavorazione di tutti i tipi di metallo

Corundum abrasives (Al₂O₃), pink, for use on all types of metals

601 medium



Fig.	Shank	Ref.-No.		5
601	HP	625 104 001 523		030



602 medium



Fig.	Shank	Ref.-No.		5
602	HP	625 104 001 523		040



603 medium



Fig.	Shank	Ref.-No.		5
603	HP	625 104 001 523		050



613 medium



Fig.	Shank	Ref.-No.		5
		L mm		3,0
613	HP	625 104 014 523		070



624 medium



Fig.	Shank	Ref.-No.		5
		L mm		5,0
624	HP	625 104 109 523		060



626 medium



Fig.	Shank	Ref.-No.		5
		L mm		1,5
626	HP	625 104 068 523		050



627 medium



Fig.	Shank	Ref.-No.		5
		L mm		1,5
627	HP	625 104 068 523		060



638 medium



Fig.	Shank	Ref.-No.		5
		L mm		6,0
638	HP	625 104 110 523		025



639 medium



Fig.	Shank	Ref.-No.		5
		L mm		6,0
639	HP	625 104 110 523		035



640 medium



Fig.	Shank	Ref.-No.		5
		L mm		6,0
640	HP	625 104 110 523		050



648 medium



Fig.	Shank	Ref.-No.		5
		L mm		6,0
648	HP	625 104 171 523		020



649 medium



Fig.	Shank	Ref.-No.		5
		L mm		6,0
649	HP	625 104 171 523		025
	RA	625 204 171 523		025



650 medium



Fig.	Shank	Ref.-No.		5
		L mm		6,0
650	HP	625 104 171 523		028



652R medium



Fig.	Shank	Ref.-No.		5
		L mm		10,5
652R	HP	625 104 199 523		035



661 medium



Fig.	Shank	Ref.-No.		5
		L mm		7,0
661	HP	625 104 288 523		025
	RA	625 204 288 523		025



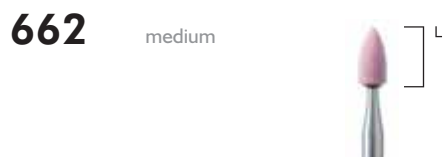



Fig.	Shank	Ref.-No.		5
			L mm	7,5
662	HP	625 104 288 523		035

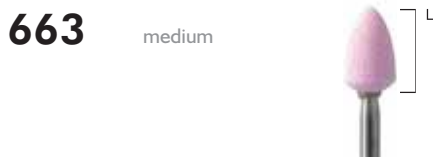



Fig.	Shank	Ref.-No.		5
			L mm	10,5
663	HP	625 104 243 523		060

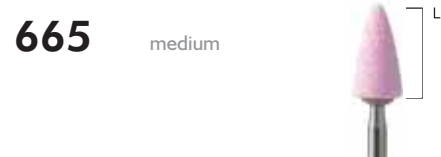



Fig.	Shank	Ref.-No.		5
			L mm	12,0
665	HP	625 104 273 523		060

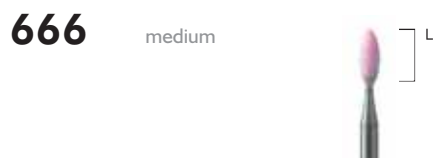



Fig.	Shank	Ref.-No.		5
			L mm	6,5
666	HP	625 104 257 523		025
	RA	625 204 257 523		025

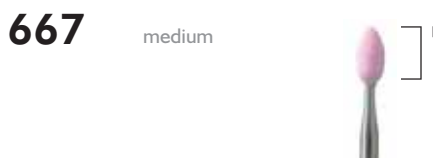



Fig.	Shank	Ref.-No.		5
			L mm	7,0
667	HP	625 104 257 523		035

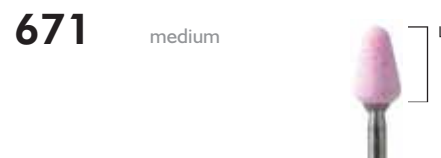




Fig.	Shank	Ref.-No.		5
			L mm	10,0
671	HP	625 104 266 523		060



blanche • bianco • white



Fig.	Shank	Ref.-No.		5
			L mm	10,0
453	HP	635 104 043 524		100



Meule abrasive de K+B • Abrasivi K+B • Abrasives C + B
vert • verdi • green

Meule abrasive de K+B, verte (à liaison tendre) pour les revêtements en céramique scellable à chaud

Abrasivi K + B, verdi (legante morbido), per la lavorazione di rivestimenti di metalceramica

Abrasives "C+B", green (soft bonding), for ceramic facings

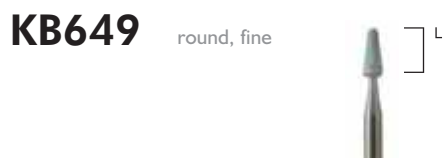



Fig.	Shank	Ref.-No.		5
			L mm	6,0
KB649R	HP	655 104 197 512		025

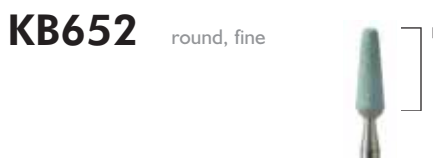



Fig.	Shank	Ref.-No.		5
			L mm	10,5
KB652R	HP	655 104 199 512		035

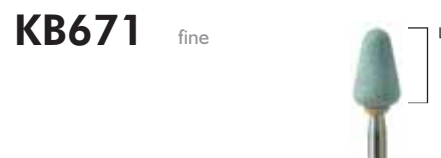



Fig.	Shank	Ref.-No.		5
			L mm	10,0
KB671	HP	655 104 266 512		060



KB716

fine



Fig.	Shank	Ref.-No.		5
			L mm	3,0
KB716	HP	655 104 372 512		160



KB722

fine



Fig.	Shank	Ref.-No.		5
			L mm	2,5
KB722	HP	655 104 304 512		160



KB727

fine



Fig.	Shank	Ref.-No.		5
			L mm	6,0
KB727	HP	655 104 024 512		125



KB728

fine



Fig.	Shank	Ref.-No.		5
			L mm	6,5
KB728	HP	655 104 023 512		165



KB731

fine



Fig.	Shank	Ref.-No.		5
			L mm	13,0
KB731	HP	655 104 107 512		065



KB735

fine



Fig.	Shank	Ref.-No.		5
			L mm	5,0
KB735	HP	655 104 027 512		070



marron • marrone • brown

Meule abrasive de K+B, marron pour les armatures métalliques

Abrasivi K+B, marroni per la lavorazione di scheletrati

Abrasives "C+B", brown, for metal frame works

KB640

fine



Fig.	Shank	Ref.-No.		5
			L mm	6,0
KB640	HP	635 104 110 512		050



KB652

fine



Fig.	Shank	Ref.-No.		5
			L mm	10,5
KB652	HP	635 104 199 512		035



KB667

fine



Fig.	Shank	Ref.-No.		5
			L mm	7,0
KB667	HP	635 104 257 512		035



KB671

fine



Fig.	Shank	Ref.-No.		5
			L mm	10,0
KB671	HP	635 104 266 512		060



KB731

fine



Fig.	Shank	Ref.-No.		5
			L mm	13,0
KB731	HP	635 104 107 512		065



KB733

fine



Fig.	Shank	Ref.-No.		5
			L mm	10,5
KB733	HP	635 104 173 512		035



bleu • blu • blue

Abrasif de K+B, bleu en oxyde d'aluminium pur pour les armatures métalliques

Abrasive blu K + B in ossido di alluminio per la lavorazione di scheletrati

Abrasives "C+B", blue – aluminium oxide for metal frame works

B638R medium



Fig.	Shank	Ref.-No.		5
			L mm	6,0
B638R	HP	635 104 140 523		025



B649R medium



Fig.	Shank	Ref.-No.		5
			L mm	6,0
B649R	HP	635 104 197 523		025



B652R medium



Fig.	Shank	Ref.-No.		5
			L mm	10,5
B652R	HP	635 104 199 523		035



B667 medium



Fig.	Shank	Ref.-No.		5
			L mm	7,0
B667	HP	635 104 257 523		035



B671 medium



Fig.	Shank	Ref.-No.		5
			L mm	10,0
B671	HP	635 104 266 523		060



B731 medium



Fig.	Shank	Ref.-No.		5
			L mm	13,0
B731	HP	635 104 107 523		065



orangé • arancio • orange

Meule abrasive de K+B, orangé pour les armatures métalliques

Abrasive arancio, K + B per la lavorazione di scheletrati

Abrasives "C+B", orange, for metal frame works

S652R medium



Fig.	Shank	Ref.-No.		5
			L mm	10,5
S652R	HP	635 104 199 520		035



S653 medium



Fig.	Shank	Ref.-No.		5
			L mm	12,0
S653	HP	635 104 174 520		040



S671 medium



Fig.	Shank	Ref.-No.		5
			L mm	10,0
S671	HP	635 104 266 520		060



blanche • bianco • white

Meule abrasive spéciale pour les alliages en chrome-cobalt, blanche à liaison très dure

Abrasivi montati speciali per la lavorazione di leghe in cromo-cobalto, bianchi, legante molto duro

Mounted abrasives for chrome cobalt alloys, white, very hard bonding

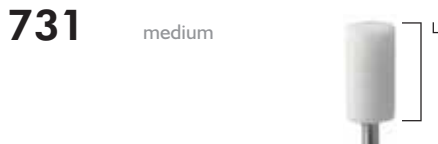


Fig.	Shank	Ref.-No.		5
			L mm	13,0
731	HP	635 104 107 524		065

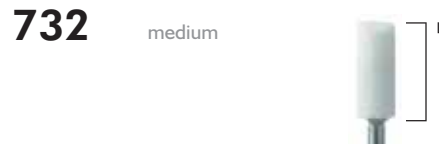


Fig.	Shank	Ref.-No.		5
			L mm	12,5
732	HP	635 104 107 524		050

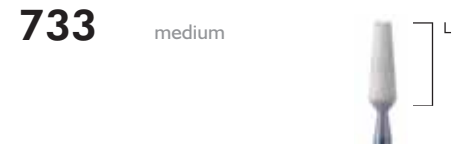


Fig.	Shank	Ref.-No.		5
			L mm	10,5
733	HP	635 104 173 524		035

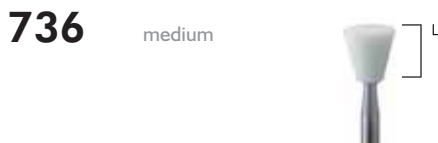
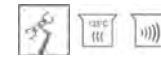


Fig.	Shank	Ref.-No.		5
			L mm	6,5
736	HP	635 104 012 524		065



rose • rosa • pink

Meule abrasive spéciale pour les alliages en chrome-cobalt, rose à liaison dure

Abrasivi montati speciali per la lavorazione di leghe in cromo-cobalto, rosa, legante duro

Mounted abrasives for chrome cobalt alloys, pink, hard bonding

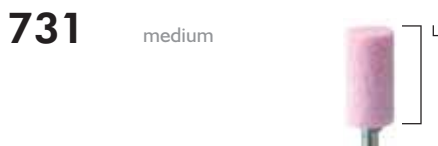


Fig.	Shank	Ref.-No.		5
			L mm	13,0
731	HP	625 104 107 523		065

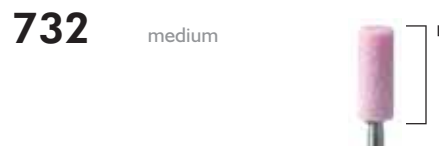


Fig.	Shank	Ref.-No.		5
			L mm	12,5
732	HP	625 104 107 523		050

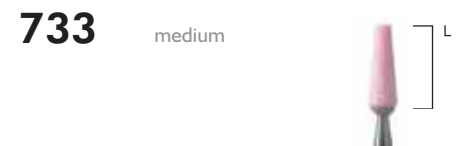


Fig.	Shank	Ref.-No.		5
			L mm	10,5
733	HP	625 104 173 523		035

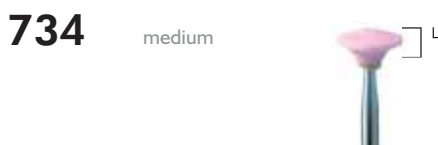


Fig.	Shank	Ref.-No.		5
			L mm	4,0
734	HP	625 104 316 523		085

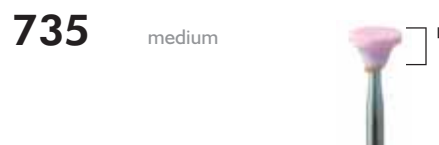


Fig.	Shank	Ref.-No.		5
			L mm	5,0
735	HP	625 104 027 523		070

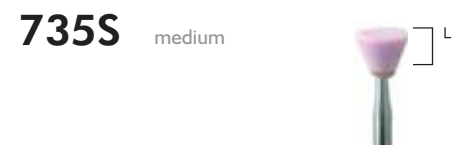
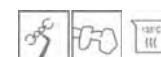


Fig.	Shank	Ref.-No.		5
			L mm	5,0
735S	HP	625 104 012 523		070



736

medium



Fig.	Shank	Ref.-No.		5
				L mm 6,5
736	HP	625 104 012 523		065



737

medium



Fig.	Shank	Ref.-No.		5
				L mm 7,0
737	HP	625 104 171 523		030



marron • marrone • brown

Meule abrasive spéciale pour les alliages en chrome-cobalt, marron à liaison moyenne

Abrasivi montati speciali per la lavorazione di leghe in cromo-cobalto, marrone, legante medio

Mounted abrasives for chrome cobalt alloys, brown, medium bonding

731

medium



Fig.	Shank	Ref.-No.		5
				L mm 13,0
731	HP	635 104 107 522		065



732

medium



Fig.	Shank	Ref.-No.		5
				L mm 12,5
732	HP	635 104 107 522		050



733

medium



Fig.	Shank	Ref.-No.		5
				L mm 10,5
733	HP	635 104 173 522		035



734

medium



Fig.	Shank	Ref.-No.		5
				L mm 4,0
734	HP	635 104 316 522		085



735

medium



Fig.	Shank	Ref.-No.		5
				L mm 5,0
735	HP	635 104 027 522		070



736

medium



Fig.	Shank	Ref.-No.		5
				L mm 6,5
736	HP	635 104 012 522		065



marron clair • marrone chiaro • light brown

Meule abrasive spéciale pour les alliages en chrome-cobalt, marron clair à liaison tendre

Abrasivi montati speciali per la lavorazione di leghe in cromo-cobalto, marrone chiaro, legante morbido

Mounted abrasives for chrome cobalt alloys, light brown, soft bonding

731

medium



Fig.	Shank	Ref.-No.		5
				L mm 13,0
731	HP	635 104 107 521		065



732

medium



Fig.	Shank	Ref.-No.		5
				L mm 12,5
732	HP	635 104 107 521		050



733

medium



Fig.	Shank	Ref.-No.		5
				L mm 10,5
733	HP	635 104 173 521		035



Pointes abrasives de dégrossissage • Abrasivi per laboratorio • Laboratory trimmers
vert • verdi • green

744 medium
744G coarse



Fig.	Shank	Ref.-No.		5
				L mm 17,0
744	HP	655 104 273 523		110
744G	HP	655 104 273 533		110



rose • rosa • pink

Pointes abrasives de dégrossissage pour les alliages en chrome-cobalt, rose

Abrasivi per la sgrossatura di cromo-cobalto

Laboratory trimmers for chrome cobalt alloys, pink

743S medium



744 medium



751 medium



Fig.	Shank	Ref.-No.		5
				L mm 22,0
743S	HP	625 104 274 523		130



Fig.	Shank	Ref.-No.		5
				L mm 17,0
744	HP	625 104 273 523		110



Fig.	Shank	Ref.-No.		5
				L mm 20,0
751	HP	625 104 273 523		100



braun • brown • marrón

743S medium



751 medium



Fig.	Shank	Ref.-No.		5
				L mm 22,0
743S	HP	635 104 274 522		130



Fig.	Shank	Ref.-No.		5
				L mm 20,0
751	HP	635 104 273 522		100



Pour façonner les matières plastiques et le plâtre • Instrument très novateur à liant de résine synthétique pour éroder grossièrement des matières plastiques et meuler du plâtre. Notamment des matières thermoplastiques et des silicones ainsi que des acrylates brillants peuvent être travaillés efficacement sans effet de fonte. Per la lavorazione di resine e gesso. Abrasivo ceramico realizzato con un innovativo legante in resina dura, per la sgrossatura di resine e l'abrasione del gesso. Si possono lavorare in modo efficiente e senza effetti di fusione le termoplastiche, il silicone e gli acrilati lucidi. For working on plastics and plaster. A very innovative and synthetic resin bonded instrument for the coarse removal of plastics and for grinding plaster. Especially thermoplastics and silicon as well as glossy acrylics can be efficiently worked on and without causing the effect of melting.

9573X

NEW



Fig.	Shank	Ref.-No.		5
				L mm 24,0
9573X	HP	653 104 275 546		100



- Faible régime
- Dégagement de chaleur mini-misé par la structure à pores ouverts
- Rapidité et efficacité
- Applications multifonctionnelles
- Grande durabilité
- Aucune fonte
- basso numero di giri
- sviluppo di calore ridotto grazie alla struttura a pori aperti
- veloce ed efficiente
- applicazioni multifunzionali
- lunga durata
- non impasta
- Low speed range
- Minimized heat development by opened-pored structure
- Quick and efficient
- Multifunctional applications
- Very long-lasting
- No melting

Disques abrasifs / disques à séparer • Dischi abrasivi e dischi separatori • Abrasive discs / Cutting discs

vert • verde • green

777 medium



Fig.	Shank	Ref.-No.		10
			L mm	3,0
777	unmounted	655 900 372 523		220



rose • rosa • pink

777 medium



Fig.	Shank	Ref.-No.		10
			L mm	3,0
777	unmounted	625 900 372 523		220



marron • marrone • brown

777 medium



Fig.	Shank	Ref.-No.		10
			L mm	3,0
777	unmounted	635 900 372 523		220



Meule abrasive P, verte, à abrasif aggloméré par un liant en matière plastique, spécialement destinée au meulage tendre des dents en céramique dégageant peu de chaleur
 Abrasivi verdi - P, legante in materiale sintetico, indicato per levigare senza riscaldare la ceramica
 P-Abrasive, green, specially designed for heatless grinding on ceramics

P777 fine



Fig.	Shank	Ref.-No.		10
			L mm	3,0
P777	unmounted	653 900 372 511		220



Meule abrasive ANTitherm (A), verte à grains fins à abrasif aggloméré par un liant en magnésite, spécialement prévue pour un meulage dégageant peu de chaleur
 Abrasivi atermici (A), verdi, grana fine, in lega di magnesite, specifici per le lavorazioni atermiche
 ANTitherm Abrasives (A), green, fine, magnesite bonding, specially designed for heatless grinding

A767 fine



Fig.	Shank	Ref.-No.		10
			L mm	3,0
A767	unmounted	654 900 372 511		160



A771 fine



Fig.	Shank	Ref.-No.		10
			L mm	2,0
A771	unmounted	654 900 371 511		190



A772 fine



Fig.	Shank	Ref.-No.		10
			L mm	3,0
A772	unmounted	654 900 372 511		190



Disques à séparer Qualité : liaison en bakélite NK d'une grande durée de vie
 Dischi separatori di qualità - legante in bachelite NK, lunga durata
 Separating discs quality: NK Bakelite bonding, high endurance

A777 fine



Fig.	Shank	Ref.-No.		10
			L mm	3,0
A777	unmounted	654 900 372 511		220



505 ultra fine



Fig.	Shank	Ref.-No.		100
			L mm	0,7
505	unmounted	655 900 371 494		220



506 ultra fine



Fig.	Shank	Ref.-No.		100
			L mm	0,3
506	unmounted	613 900 344 494		220



Disques à séparer en nylon
Dischi separatori in nylon
Cut-off discs, Nylon

581

extra fine



Fig.	Shank	Ref.-No.		100
				L mm 0,3
581	unmounted	613 900 358 504		220



582

extra fine



Fig.	Shank	Ref.-No.		100
				L mm 0,7
582	unmounted	613 900 345 504		220



583

medium



Fig.	Shank	Ref.-No.		100
				L mm 0,7
583	unmounted	613 900 371 524		250



586

extra fine



Fig.	Shank	Ref.-No.		100
				L mm 0,7
586	unmounted	613 900 345 504		375



Pierres à rectifier • Pietre per rettificare • Dressing stones

Pierre à rectifier au carbure de silicium (vert) à granulation moyenne et grossière pour apprêter et nettoyer des meules abrasives
Pietre per rettificare in carburo di silicio (verde) in grana media e grossa per rettificare e pulire le punte abrasive
Silicon carbide (green) Dressing stones in coarse and medium grain sizes for dressing and cleaning abrasives

529

medium



Fig.	Ref.-No.		1
529	655 000 600 523		000
Size	75 x 25 x 8 mm		

529MG

medium/coarse



Fig.	Ref.-No.		1
529MG	655 000 600 000		000
Size	75 x 25 x 8 mm		

Pierre à nettoyer les instruments diamantés
Pietra per pulire le frese diamantate
Diamond cleaning stone

529D

medium



Fig.	Ref.-No.		1				
529D	635 000 600 524		000				
Size	75 x 25 x 8 mm						

Pour nettoyer facilement et rapidement des instruments diamantés salis et en améliorer ainsi les performances de meulage (bien humidifier la pierre de nettoyage avant tout emploi)
Per pulire in modo rapido e sicuro le punte diamantate sporche, per migliorarne l'efficienza (la pietra per pulire deve essere completamente bagnata prima dell'uso)
Designed for fast and easy cleaning of diamond instruments, for improved performance (cleaning stone to be moistened thoroughly before use)

Pierre à nettoyer les intruments en diamant fritté
Pietra per pulire le frese diamantate sinterizzate
Sintered diamond cleaning stone

529S

medium



Fig.	Ref.-No.		1				
529S	635 000 600 523		000				
Size	100 x 15 x 15 mm						

Afin d'optimiser les résultats, les pierres à nettoyer les instruments en diamant fritté devraient toujours être utilisées à sec
Per ottenere il miglior risultato possibile, usare sempre la pietra per pulire le frese diamantate sinterizzate asciutta
To obtain best results, the sintered diamond cleaning stone should be used dry

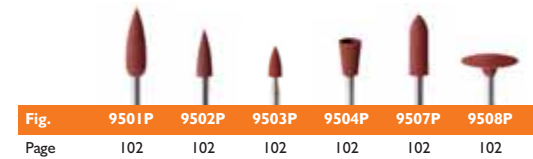
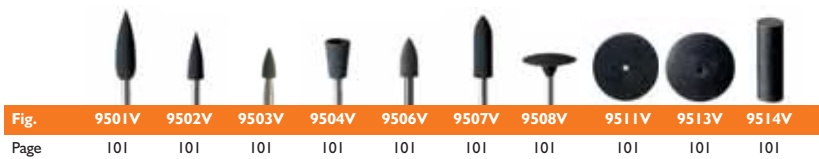


Les polissoirs élastiques de MEISINGER garantissent un travail impeccable sans odeur ni vibration de la finition la plus exigeante jusqu'au polissage de haute brillance (brillantage) en ne dégageant guère de chaleur sur tous les matériaux à façonner. Leur emploi assure l'obtention de qualités de surface optimales sur les dents naturelles et artificielles, sur les matériaux d'obturation, les matières plastiques, la céramique, les alliages précieux, la coulée sur modèle, le titane, les composites etc. Les instruments sont constitués de moyens de finition et de polissage de haute qualité qui sont logés dans une liaison résistante, élastique à base de polysiloxane-caoutchouc et montés sur une tige inoxydable. Les vitesses de rotation optimales des polissoirs se situent selon le diamètre entre 6 000 et 12 000 min⁻¹.

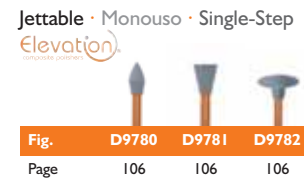
Con i gommini per lucidare MEISINGER si ottengono risultati precisi, omogenei e senza odore, dalla lucidatura alla brillantatura con surriscaldamento minimo con tutti i tipi materiali. Il loro utilizzo garantisce il raggiungimento di ottimi risultati di qualità sulla superficie di denti naturali e di protesi, su materiale da otturazione, resina, ceramica, metalli preziosi, scheletrati, titanio, compositi ecc. Gli strumenti sono fabbricati con polvere abrasiva e lucidante d'alta qualità e un legante molto elastico e resistente in polisilossano e caucciù e sono montati su un gambo in acciaio inox. Il numero di giri ottimale per lucidare, a seconda del diametro del gommino, varia dai 6000 ai 12000 giri min⁻¹.

MEISINGER polishers are guaranteed to produce smooth, precise, and odorless results with minimal heat buildup. Meisinger polishers guarantee optimal surface quality and results on materials such as; prosthetic teeth, amalgam, plastic, ceramics, composites, model castings, precious and non precious metals, as well as, titanium. The instruments consist of high-quality fine abrasive and polishing agents in a resistant, flexible connection of Polysiloxan and india rubber and are mounted on stainless steel mandrels. The optimal speed for polishers should be between 6,000 and 12,000 rpm according to the diameters.

Polissoir universel • Gommini universali • Universal Polishers



Polissoir prophylactique • Gommini per profilassi • Polishers for prophylaxis

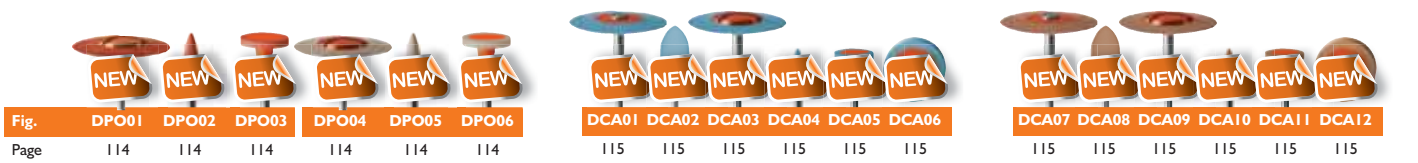


Luster

Polissoir pour composite • Gommini per lucidare il composito • Polishers for composite



Polissoir pour céramique · Gommini per lucidare la ceramica · Polishers for ceramics

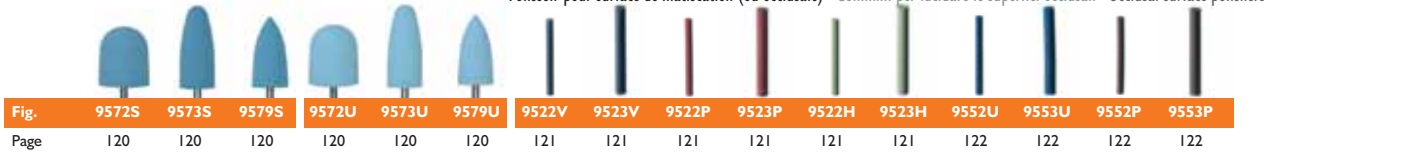


Polissoir pour coulée sur modèle · Gommini per lucidare gli scheletrati · Polishers for model casting

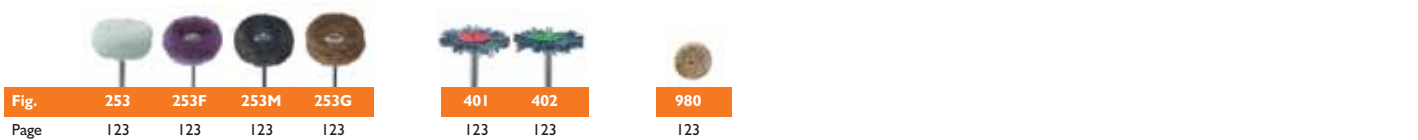
Polissoir pour matière plastique · Gommini per lucidare la resina · Polishers for acrylics



Polissoir pour surface de matisation (ou occlusale) · Gommini per lucidare le superfici occlusali · Occlusal surface polishers



Brosses de polissage · Spazzolini per lucidare · Polishing brushes



Polissoir universel • Gommini universali • Universal polishers

Marron – prépolissage, polissoir à trois zones pour l'or, l'amalgame, la matière plastique et le ciment

Marrone - prelucidatura. Lucidatura in tre passaggi per oro, amalgama, resina e cemento

Brown – prepolishing, three-step-polishers for gold, amalgam, acrylic and cement

9980V



Fig.	Shank	Ref.-No.		5
				L mm 10,0
9980V	RA	658 204 030 513		060



9981V



Fig.	Shank	Ref.-No.		5
				L mm 7,0
9981V	HP	658 104 243 513		030
	RA	658 204 243 513		030
	FG	658 314 243 513		030



9982V



Fig.	Shank	Ref.-No.		5
				L mm 3,0
9982V	HP	658 104 303 513		120
	RA	658 204 303 513		120



9983V



Fig.	Shank	Ref.-No.		5
				L mm 17,0
9983V	HP	658 104 292 513		045
	RA	658 204 292 513		045



9984V



Fig.	Shank	Ref.-No.		5
				L mm 2,0
9984V	HP	658 104 372 513		120



9985V



Fig.	Shank	Ref.-No.		5
				L mm 0,5
9985V	HP	658 104 345 513		220



9987V



Fig.	Shank	Ref.-No.		10
				L mm 3,5
9987V	unmounted	658 900 372 513		220



Vert – polissage, polissoir à trois zones pour l'or, l'amalgame, la matière plastique et le ciment

Verde - lucidatura. Lucidatura in tre passaggi per oro, amalgama, resina e cemento

Green – main polishing, three-step-polishers for gold, amalgam, acrylic and cement

9980P



Fig.	Shank	Ref.-No.		5
				L mm 10,0
9980P	RA	658 204 030 512		060



9981P



Fig.	Shank	Ref.-No.		5
				L mm 7,0
9981P	HP	658 104 243 512		030
	RA	658 204 243 512		030
	FG	658 314 243 512		030

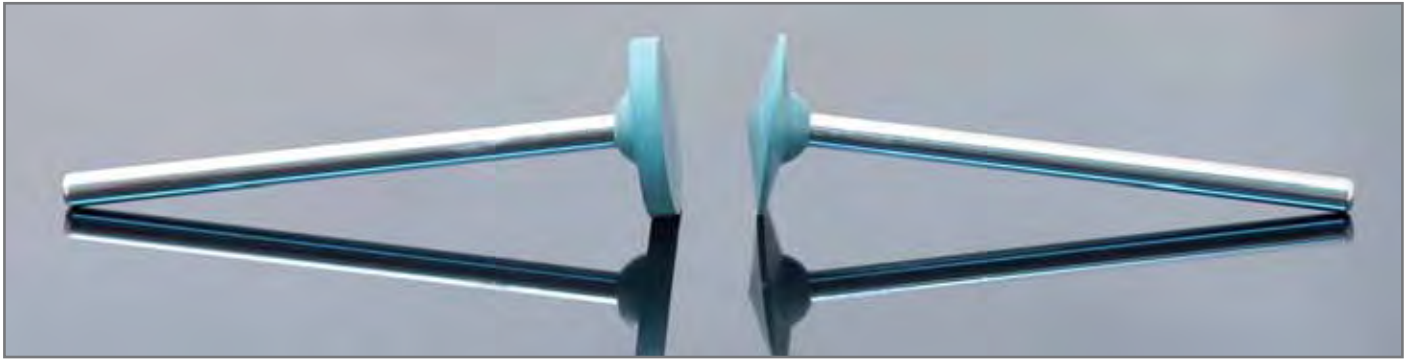


9982P



Fig.	Shank	Ref.-No.		5
				L mm 3,0
9982P	HP	658 104 303 512		120





9983P



Fig.	Shank	Ref.-No.		5
			L mm	17,0
9983P	HP	658 104 292 512		045
	RA	658 204 292 512		045



9984P



Fig.	Shank	Ref.-No.		5
			L mm	2,0
9984P	HP	658 104 372 512		120



9985P



Fig.	Shank	Ref.-No.		5
			L mm	0,5
9985P	HP	658 104 345 512		220



9987P



Fig.	Shank	Ref.-No.		10
			L mm	3,5
9987P	unmounted	658 900 372 512		220



Vert clair – polissage de haute brillance (brillantage), polissoir à trois zones pour l'or, l'amalgame, la matière plastique et le ciment

Verde chiaro - brillantatura. Lucidatura in tre passaggi per oro, amalgama, resina e cemento

Light green – high shine polishing, three-step-polishers for gold, amalgam, acrylic and cement

9980H



Fig.	Shank	Ref.-No.		5
			L mm	10,0
9980H	RA	658 204 030 503		060



9981H



Fig.	Shank	Ref.-No.		5
			L mm	7,0
9981H	HP	658 104 243 503		030
	RA	658 204 243 503		030
	FG	658 314 243 503		030



9982H



Fig.	Shank	Ref.-No.		5
			L mm	3,0
9982H	HP	658 104 303 503		120



9983H



Fig.	Shank	Ref.-No.		5
			L mm	17,0
9983H	HP	658 104 292 503		045
	RA	658 204 292 503		045



9987H



Fig.	Shank	Ref.-No.		10
			L mm	3,5
9987H	unmounted	658 900 372 503		220



Vert – „à usages multiples“, non monté pour les alliages précieux, la matière plastique, le ciment, l'amalgame et l'émail

Verde universale non montato per metalli preziosi, resina, cemento, amalgame e smalto

Green – “Universal”, unmounted, for precious metals, acrylic, cement, amalgam and enamel

9961



Fig.	Shank	Ref.-No.		10
			L mm	9,0
9961	unmounted	658 900 030 522		110



9962



Fig.	Shank	Ref.-No.		10
			L mm	7,0
9962	unmounted	658 900 030 522		120



9963



Fig.	Shank	Ref.-No.		10
			L mm	28,0
9963	unmounted	658 900 292 522		060



9964



Fig.	Shank	Ref.-No.		10
			L mm	2,0
9964	unmounted	658 900 303 522		120



9965



Fig.	Shank	Ref.-No.		10
			L mm	2,5
9965	unmounted	658 900 303 522		150



9966



Fig.	Shank	Ref.-No.		10
			L mm	3,0
9966	unmounted	658 900 303 522		220



9967



Fig.	Shank	Ref.-No.		10
			L mm	3,0
9967	unmounted	658 900 372 522		120



9968



Fig.	Shank	Ref.-No.		10
			L mm	2,0
9968	unmounted	658 900 372 522		170



9969



Fig.	Shank	Ref.-No.		10
			L mm	3,0
9969	unmounted	658 900 373 522		170



9970



Fig.	Shank	Ref.-No.		10
			L mm	3,0
9970	unmounted	658 900 373 522		220



Noir – stable pour le prépolissage de métaux communs (NEM) et de coulée sur modèle, toutes les versions RA sont des fouloirs à amalgame

Nero resistente all'abrasione, per la prelucidatura di metalli non preziosi e scheletrati. Tutti gli strumenti con gambo RA servono per modellare l'amalgama

Black – abrasion resistant, for prepolishing non precious alloys and model casting, all RA instruments are amalgam trimmers

9501V



Fig.	Shank	Ref.-No.		5
			L mm	18,0
9501V	HP	652 104 257 533		055



9502V



Fig.	Shank	Ref.-No.		5
			L mm	12,0
9502V	HP	652 104 300 533		043
	RA	652 204 300 533		043



9503V



Fig.	Shank	Ref.-No.		5
			L mm	7,5
9503V	RA	652 204 297 533		033
	FG	652 314 297 533		033



9504V



Fig.	Shank	Ref.-No.		5
			L mm	9,5
9504V	RA	652 204 030 533		065



9506V



Fig.	Shank	Ref.-No.		5
			L mm	10,0
9506V	RA	652 204 292 533		050



9507V



Fig.	Shank	Ref.-No.		5
			L mm	16,0
9507V	HP	652 104 292 533		050



9508V



Fig.	Shank	Ref.-No.		5
			L mm	2,5
9508V	HP	652 104 303 533		145



9511V



Fig.	Shank	Ref.-No.		10
			L mm	3,0
9511V	unmounted	652 900 372 533		220



9513V



Fig.	Shank	Ref.-No.		10
			L mm	4,0
9513V	unmounted	652 900 303 533		220



9514V



Fig.	Shank	Ref.-No.		10
			L mm	20,0
9514V	unmounted	652 900 114 533		070



Marron – résistant à l'usure à grains moyens, polissoir pour l'or, l'amalgame et les métaux

Marrone resistente all'abrasione, grana fine, per la preluccidatura di oro, amalgama e metalli

Brown – abrasion resistant, medium, polishes for gold, amalgam and metals

9501P



Fig.	Shank	Ref.-No.	Fig.	5
			L mm	18,0
9501P	HP	652 104 257 513		055



9502P



Fig.	Shank	Ref.-No.	Fig.	5
			L mm	12,0
9502P	HP	652 104 300 513		043
	RA	652 204 300 513		043



9503P

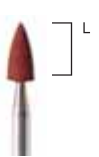


Fig.	Shank	Ref.-No.	Fig.	5
			L mm	7,5
9503P	HP	652 104 297 513		033
	RA	652 204 297 513		033
	FG	652 314 297 513		033



9504P

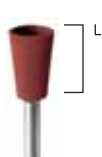


Fig.	Shank	Ref.-No.	Fig.	5
			L mm	9,5
9504P	RA	652 204 030 513		065



9507P



Fig.	Shank	Ref.-No.	Fig.	5
			L mm	16,0
9507P	HP	652 104 292 513		050



9508P



Fig.	Shank	Ref.-No.	Fig.	5
			L mm	2,5
9508P	HP	652 104 303 513		145



9509P



Fig.	Shank	Ref.-No.	Fig.	5
			L mm	2,0
9509P	HP	652 104 042 513		145



9518P



Fig.	Shank	Ref.-No.	Fig.	3	3
			L mm	12,0	12,0
9518P	HP short	652 103 113 513			140
	HP	652 104 113 513		100	140



9511P



Fig.	Shank	Ref.-No.	Fig.	10
			L mm	3,0
9511P	unmounted	652 900 372 513		220



9513P



Fig.	Shank	Ref.-No.	Fig.	10
			L mm	2,5
9513P	unmounted	652 900 303 513		220



9514P

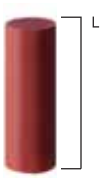


Fig.	Shank	Ref.-No.	Fig.	10
			L mm	20,0
9514P	unmounted	652 900 114 513		070



Vert – résistant à l'usure à grains très fins, polissoir de brillantage pour l'or, l'amalgame et les métaux

Verde resistente all'abrasione, grana extra fine, per la brillantatura di oro, amalgama e metalli

Green – abrasion resistant, extra fine, high shine polishers for gold, amalgam and metals

9501H



Fig.	Shank	Ref.-No.		5
		L mm		18,0
9501H	HP	652 104 257 503		055



9502H



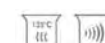
Fig.	Shank	Ref.-No.		5
		L mm		12,0
9502H	HP	652 104 300 503		043
	RA	652 204 300 503		043



9503H



Fig.	Shank	Ref.-No.		5
		L mm		7,5
9503H	HP	652 104 297 503		033
	RA	652 204 297 503		033
	FG	652 314 297 503		033



9504H



Fig.	Shank	Ref.-No.		5
		L mm		9,5
9504H	RA	652 204 030 503		065



9507H



Fig.	Shank	Ref.-No.		5
		L mm		16,0
9507H	HP	652 104 292 503		050



9508H



Fig.	Shank	Ref.-No.		5
		L mm		2,5
9508H	HP	652 104 303 503		145



9509H



Fig.	Shank	Ref.-No.		5
		L mm		2,0
9509H	HP	652 104 042 503		145



9518H



Fig.	Shank	Ref.-No.		3	3
		L mm		12,0	12,0
9518H	HP	652 104 113 503		100	140



9511H



Fig.	Shank	Ref.-No.		10
		L mm		3,0
9511H	unmounted	652 900 372 503		220



9513H



Fig.	Shank	Ref.-No.		10
		L mm		2,5
9513H	unmounted	652 900 303 503		220



9514H

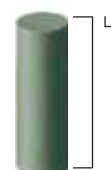
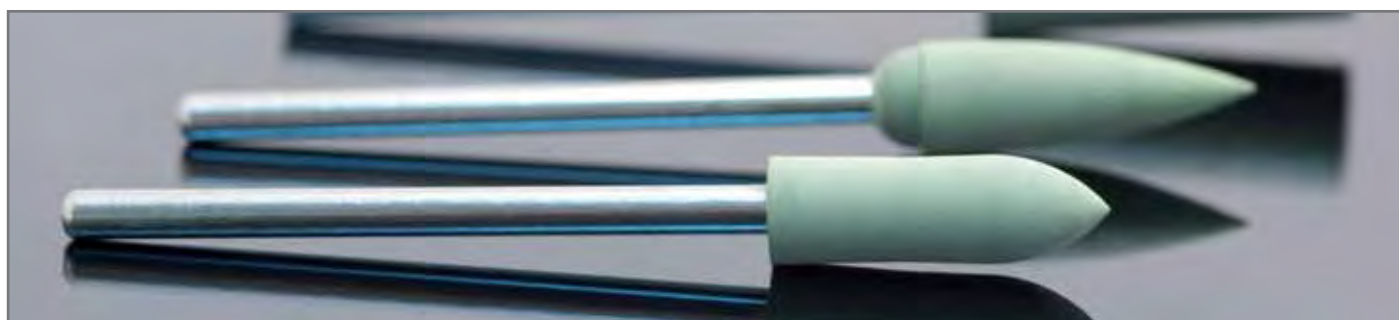


Fig.	Shank	Ref.-No.		10
		L mm		20,0
9514H	unmounted	652 900 114 503		070



Blanc – „à usages multiples“ pour les alliages précieux, la matière plastique, le ciment, l'amalgame et l'émail

Bianco - „universale“, per metalli preziosi, resina, cemento, amalgame e smalto

White – “Universal”, for precious metals, acrylic, cement, amalgam and enamel

9501U

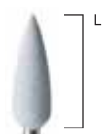


Fig.	Shank	Ref.-No.	Fig.	5
			L mm	15,0
9501U	HP	658 104 257 523	055	
	RA	658 204 257 523	055	



9502U



Fig.	Shank	Ref.-No.	Fig.	5
			L mm	12,0
9502U	HP	658 104 300 523	045	
	RA	658 204 300 523	045	



9504U



Fig.	Shank	Ref.-No.	Fig.	5	5
			L mm	10,0	8,5
9504U	RA	658 204 030 523	070	090	



9507U



Fig.	Shank	Ref.-No.	Fig.	5
			L mm	16,0
9507U	HP	658 104 292 523	050	



9508U



Fig.	Shank	Ref.-No.	Fig.	5
			L mm	2,5
9508U	HP	658 104 310 523	110	
	RA	658 204 310 523	110	



9509U



Fig.	Shank	Ref.-No.	Fig.	5
			L mm	2,0
9509U	HP	658 104 044 523	110	



9511U



Fig.	Shank	Ref.-No.	Fig.	10
			L mm	3,0
9511U	unmounted	658 900 372 523	220	



9513U



Fig.	Shank	Ref.-No.	Fig.	10	10	10
			L mm	2,5	3,5	4,0
9513U	unmounted	658 900 303 523	130	180	220	



9515U



Fig.	Shank	Ref.-No.	Fig.	10
			L mm	24,0
9515U	unmounted	658 900 133 523	060	



9516U



Fig.	Shank	Ref.-No.	Fig.	10
			L mm	6,5
9516U	unmounted	658 900 030 523	110	



Noir – „à usages multiples“, doux et mou pour le polissage d'alliages précieux, d'amalgame et de matière plastique

Nero - „universale“, morbido e flessibile per la lucidatura di metalli preziosi, resina e amalgame

Black – “Universal”, soft and flexible, for polishing precious metals, amalgam, and acrylics

9681V



Fig.	Shank	Ref.-No.	Fig.	10
			L mm	3,0
9681V	unmounted	658 900 371 521	220	



9683V



Fig.	Shank	Ref.-No.	Fig.	10	10
			L mm	3,5	4,0
9683V	unmounted	658 900 303 521	180	220	



9687V



Fig.	Shank	Ref.-No.		10
			L mm	24,0
9687V	unmounted	658 900 133 521		060



Bleu clair – „à usages multiples“, polissage de haute brillance (brillantage) à grains fins pour les alliages précieux, la matière plastique et l'émail

Azzurro - „universale“ per brillantatura, grana fine per metalli preziosi, resina e smalto

Light blue – “Universal”, highshine polishing, fine, for precious metals, acrylic, and enamel

9683P



Fig.	Shank	Ref.-No.		10	10
			L mm	3,5	4,0
9683P	unmounted	658 900 303 511		180	220



Rose – „à usages multiples“, polissage spéculaire à grains ultrafins pour les alliages précieux

Rosa universale lucidatura a specchio, grana extra fine per metalli preziosi

Pink – “Universal”, reflecting lustre polishing, extra fine, for precious metals

9687P

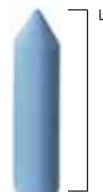


Fig.	Shank	Ref.-No.		10
			L mm	24,0
9687P	unmounted	658 900 133 511		060



9681H



Fig.	Shank	Ref.-No.		10
			L mm	3,0
9681H	unmounted	658 900 372 501		220



Polissoir prophylactique • Gommini per profilassi • Polishers for prophylaxis



Cupules Prophy-Cups / système à usage unique
Polissage jusque dans la poche gingivale,
application simple et économique

Coppette per profilassi / monouso
Lucidano anche dentro la tasca parodontale, uso
semplice ed economico

Prophy-Cups / Single-use system
Polishing even inside the gingival pocket,
easy and cost efficient use

PHA02



Prophy-Cup
bleue / dure
blu / dura
blue / hard



Fig.	Shank	Ref.-No.		100
			L mm	10,0
PHA02	RA	653 204 034 514		070

PSO03



Prophy-Cup
verte / molle
verde / morbida
green / soft



Fig.	Shank	Ref.-No.		100
			L mm	10,0
PSO03	RA	653 204 034 512		070

PSS04



Prophy-Cup
jaune / extra-molle
gialla/ supermorbida
yellow / super soft



Fig.	Shank	Ref.-No.		100
			L mm	10,0
PSS04	RA	653 204 034 511		070

Prophy-Clean

Polissoir prophylactique Prophy-Clean détartré, supprime les décolorations dentaires avec précision, nettoie des zones d'accès difficile, à l'exception des altérations subies par l'émail

weiß / mittel • bianco / medio • blanco / mediano

Rimuove la placca e le macchie sui denti, pulisce anche in punti di difficile accesso, non danneggia lo smalto

Scale Removal, precise removal of tooth discolorations, easy cleaning of areas difficult to reach, no damages to enamel

PCL01



Fig.	Shank	Ref.-No.		5
			L mm	9,0
PCL01	RA	633 204 172 536	023	

PCL02



Fig.	Shank	Ref.-No.		5
			L mm	5,0
PCL02	RA	633 204 030 536	033	

PCL03



Fig.	Shank	Ref.-No.		5
			L mm	7,5
PCL03	RA	633 204 249 536	023	

PCL04



Fig.	Shank	Ref.-No.		5
			L mm	8,5
PCL04	RA	633 204 141 536	030	

PCL05



Fig.	Shank	Ref.-No.		5
			L mm	6,5
PCL05	RA	633 204 243 536	030	



Pour tous
Per tutti
For all



- Elimination du tartre, des plaques dentaires et des décolorations
- Enlèvement des résidus de colle au niveau des crochets
- Suppression des excédents de ciment
- Lissage radiculaire sous-gingival
- Rimozione di tartaro, placca e macchie
- Rimozione di collanti per brackets
- Rimozione di eccessi di cemento
- Lucidatura subgingivale della radice
- Removal of tartar, plaque and discolorations
- Removal of residues of bracket bonding
- Removal of cement excesses
- Subgingival root smoothing

vert / dure • verde / duro • green / hard

PCL06



Fig.	Shank	Ref.-No.		5
			L mm	9,0
PCL06	RA	633 204 172 537	023	

PCL07



Fig.	Shank	Ref.-No.		5
			L mm	5,0
PCL07	RA	633 204 030 537	033	

PCL08



Fig.	Shank	Ref.-No.		5
			L mm	7,5
PCL08	RA	633 204 249 537	023	

PCL09



Fig.	Shank	Ref.-No.		5
			L mm	8,5
PCL09	RA	633 204 141 537	030	

PCL10



Fig.	Shank	Ref.-No.		5
			L mm	6,5
PCL10	RA	633 204 243 537	030	



Pour tous
Per tutti
For all



Elevation (Set on page 192)

Polissoirs composites diamantés parvenant à une haute brillance sur des restaurations

Gommini diamantati monouso per composito, per brillantare i restauri

Single-Step Diamond Composite Polishers for achieving the "high shine" on your restorations

D9780



Fig.	Shank	Ref.-No.		5
			L mm	8,0
D9780	RA	803 204 243 523	041	

D9781



Fig.	Shank	Ref.-No.		5
			L mm	7,0
D9781	RA	803 204 030 523	057	

D9782



Fig.	Shank	Ref.-No.		5
			L mm	6,0
D9782	RA	803 204 034 523	080	

Luster (Set on page 192)

Polissoir diamant-porcelaine • Gommini diamantati per porcellana • Diamond Porcelain Polishers

9780



Fig.	Shank	Ref.-No.		5
			L mm	10,0
9780	RA	803 204 243 523		040

9781

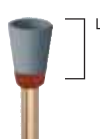


Fig.	Shank	Ref.-No.		5
			L mm	7,5
9781	RA	803 204 030 523		060

9782



Fig.	Shank	Ref.-No.		5
			L mm	2,5
9782	RA	803 204 304 523		100

“Prophys” blancs pour la prophylaxie (avec pâte abrasive à polir)

“Prophys” gommini bianchi per profilassi (con pasta per lucidare)

“Prophys” white, for prophylactic use (with polishing paste)

9995



Fig.	Shank	Ref.-No.		5
			L mm	9,0
9995	RA	022 204 034 491		060

9996



Fig.	Shank	Ref.-No.		5
			L mm	9,0
9996	RA	022 204 036 491		060



Polissoir prophylactique, blanc à grains très fins

Gommini per profilassi, bianchi, grana extra fine

Polishers for prophylaxis, white, extra fine

Polissoir prophylactique, blanc à grains moyens

Gommini per profilassi, bianchi, grana media

Polishers for prophylaxis, white, medium

9991C



Fig.	Shank	Ref.-No.		5
			L mm	7,5
9991C	RA	022 204 243 501		030

9995C



Fig.	Shank	Ref.-No.		5
			L mm	8,0
9995C	RA	022 204 034 501		065

9995M



Fig.	Shank	Ref.-No.		5
			L mm	9,5
9995M	RA	022 204 034 524		070



Polissoir diamanté, postpolissage, gris à grains extra-fins pour l'obtention d'une haute brillance sur des composites

Gommini diamantati post lucidatura grigi, grana extrafine per brillantare il composito

Diamond-polishers, postpolishing, grey, extra fine, for high shine on composites

Pour tous

Per tutti

For all



9713C



Fig.	Shank	Ref.-No.		2
			L mm	7,5
9713C	RA	803 204 297 502		030

9714C



Fig.	Shank	Ref.-No.		2
			L mm	10,0
9714C	RA	803 204 030 502		060

9715C



Fig.	Shank	Ref.-No.		2
			L mm	10,0
9715C	RA	803 204 292 502		050

Polissoir diamanté, prépolissage, bleu clair/beige à grains grossiers pour l'obtention d'un poli mat sur des composites

Gommini diamantati prelucidatura azzurro chiaro/ beige, grana grossa per satinare il composito

Diamond-polishers, light blue/beige, coarse, for silky lustre on composites

Pour tous

Per tutti

For all



9712G



Fig.	Shank	Ref.-No.		2
			L mm	10,5
9712G	RA	803 204 243 532		040

9714G

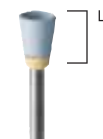


Fig.	Shank	Ref.-No.		2
			L mm	7,5
9714G	RA	803 204 030 532		060

9718G



Fig.	Shank	Ref.-No.		2
			L mm	3,0
9718G	RA	803 204 303 532		100

Polissoir diamanté, polissage, turquoise/beige à grains fins pour le polissage de composites
 Gommini diamantati lucidatura turchese/ beige, grana media per lucidare il composito
 Diamond-polishers, turquoise/beige, medium, for polishing composites

9712M



Fig.	Shank	Ref.-No.		2
				L mm 10,5
9712M	RA	803 204 243 523		040



9713M



Fig.	Shank	Ref.-No.		2
				L mm 7,5
9713M	FG	803 314 243 523		033



9714M



Fig.	Shank	Ref.-No.		2
				L mm 7,5
9714M	RA	803 204 030 523		060



Polissoir diamanté, postpolissage, gris/beige à grains fins pour l'obtention d'un poli brillant sur des composites
 Gommini diamantati post lucidatura grigio/ beige, grana fine per brillantare il composito
 Diamond-polishers, postpolishing, grey/beige, fine, for shine on composites

9718M



Fig.	Shank	Ref.-No.		2
				L mm 3,0
9718M	RA	803 204 303 523		100



9712F



Fig.	Shank	Ref.-No.		2
				L mm 10,5
9712F	RA	803 204 243 513		040



9713F



Fig.	Shank	Ref.-No.		2
				L mm 7,5
9713F	FG	803 314 243 513		033



9714F



Fig.	Shank	Ref.-No.		2
				L mm 7,5
9714F	RA	803 204 030 513		060



9718F



Fig.	Shank	Ref.-No.		2
				L mm 3,0
9718F	RA	803 204 303 513		100



Polissoir diamanté, rose à grains moyens pour l'obtention d'un poli mat sur des composites hybrides, des verres-ionomères et des composites totalement remplis
 Gommini diamantati rosa, grana media per lucidare il composito ibrido ad alta densità, vetro-ionomeri e compositi
 Diamond-polishers, pink, medium, for matte finish on highly filled hybridcomposites, glass ionomers and composites

9760M



Fig.	Shank	Ref.-No.		2
				L mm 2,5
9760M	RA	803 204 303 526		100



9762M



Fig.	Shank	Ref.-No.		2
				L mm 10,0
9762M	RA	803 204 243 526		040



9766M

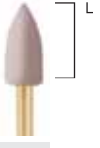


Fig.	Shank	Ref.-No.		2
				L mm 10,0
9766M	RA	803 204 300 526		050



9767M

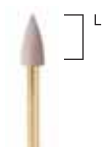


Fig.	Shank	Ref.-No.		2
				L mm 6,5
9767M	FG	803 314 243 526		030



9768M



Fig.	Shank	Ref.-No.		2
				L mm 7,5
9768M	RA	803 204 030 526		060



Polissoir diamanté, gris à grains fins pour l'obtention d'une haute brillance sur des composites hybrides, des verres-ionomères et des composites totalement remplis
 Gommini diamantati grigi, grana fine per brillantare il composito ibrido ad alta densità, vetro-ionomeri e compositi
 Diamond-polishers, grey, fine, for bright lustre on highly filled hybridcomposites, glass ionomers and composites

9760F



Fig.	Shank	Ref.-No.		2
			L mm	2,5
9760F	RA	803 204 303 506		100



9762F

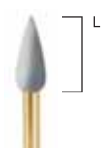


Fig.	Shank	Ref.-No.		2
			L mm	10,0
9762F	RA	803 204 243 506		040



9766F



Fig.	Shank	Ref.-No.		2
			L mm	10,0
9766F	RA	803 204 300 506		050



9767F

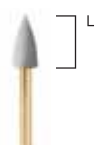


Fig.	Shank	Ref.-No.		2
			L mm	6,5
9767F	FG	803 314 243 506		030



9768F



Fig.	Shank	Ref.-No.		2
			L mm	7,5
9768F	RA	803 204 030 506		060



Prépolissoir jaune à grains moyens pour le prépolissage sur des composites
 Gommini per prelucidatura gialli, grana media, per prelucidatura di composito
 Pre-polishers, yellow, medium, for prepolishing composites

9526V



Fig.	Shank	Ref.-No.		5
			L mm	10,5
9526V	RA	658 204 300 522		047



9527V



Fig.	Shank	Ref.-No.		5
			L mm	6,0
9527V	RA	658 204 297 522		033



9528V



Fig.	Shank	Ref.-No.		5
			L mm	9,0
9528V	RA	658 204 030 522		065



Polissoir vert clair à grains fins pour le postpolissage sur des composites
 Gommini per lucidatura finale, verde chiaro, grana fine per la lucidatura di composito
 Final polishers, light green, fine, for polishing composites

9526P



Fig.	Shank	Ref.-No.		5
			L mm	10,5
9526P	RA	658 204 300 512		047



9527P

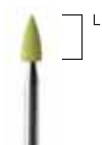


Fig.	Shank	Ref.-No.		5
			L mm	6,0
9527P	RA	658 204 297 512		033



9528P



Fig.	Shank	Ref.-No.		5
			L mm	9,0
9528P	RA	658 204 030 512		065



Polissoir diamant-porcelaine turquoise à grains grossiers pour le prémeulage (ébauchage) de la céramique
 Gommini diamantati per porcellana turchesi, grana grossa per prelucidatura di ceramica
 Diamond-polishers for porcelain, turquoise, coarse – for pregrinding ceramics

9734H



Fig.	Shank	Ref.-No.		2
		L mm		10,0
9734H	HP	805 104 173 535		040
	RA	805 204 173 535		040



9735H



Fig.	Shank	Ref.-No.		2
		L mm		13,0
9735H	HP	805 104 107 535		050



9736H



Fig.	Shank	Ref.-No.		2
		L mm		3,0
9736H	HP	805 104 042 535		150



Polissoir diamant-porcelaine rose à grains moyens pour l'érodage et le meulage de la céramique
 Gommini diamantati per porcellana - rosa, grana media per abrader e rifinire la superficie ceramica
 Diamond-polishers for porcelain, pink, medium – for trimming and adjusting ceramics

9734G



Fig.	Shank	Ref.-No.		2
		L mm		10,0
9734G	HP	805 104 173 525		040
	RA	805 204 173 525		040



9735G



Fig.	Shank	Ref.-No.		2
		L mm		13,0
9735G	HP	805 104 107 525		050



9736G



Fig.	Shank	Ref.-No.		2
		L mm		3,0
9736G	HP	805 104 042 525		150



Polissoir diamant-porcelaine vert/orange à grains extra-grossiers pour le prépolissage de la céramique et de métaux
 Gommini diamantati per porcellana - grigio/arancio, grana extra grossa per abradere ceramica e metalli
 Diamond-polishers for porcelain, green/orange, extra coarse – for pregrinding ceramics and metals

9742H



Fig.	Shank	Ref.-No.		2
				L mm 13,0
9742H	HP	803 104 300 544		040



9752H



Fig.	Shank	Ref.-No.		1
				L mm 2,5
9752H	HP	803 104 372 544		170
	unmounted	803 900 372 544		170



9770H



Fig.	Shank	Ref.-No.		1
				L mm 2,0
9770H	HP	803 104 303 544		260



Polissoir diamant-porcelaine vert clair/orange à grains grossiers pour le prépolissage de la céramique et de métaux
 Gommini diamantati per porcellana verde chiaro/arancio, grana grossa per prelucidare ceramica e metalli
 Diamond-polishers for porcelain, light green/orange, coarse – for prepolishing ceramics and metals

9741G



Fig.	Shank	Ref.-No.		2
				L mm 7,5
9741G	RA	803 204 243 533		030
	FG	803 314 243 533		030



9742G



Fig.	Shank	Ref.-No.		2
				L mm 13,0
9742G	HP	803 104 300 533		040



9743G

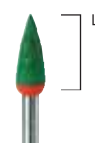


Fig.	Shank	Ref.-No.		2
				L mm 10,0
9743G	RA	803 204 243 533		040



9744G



Fig.	Shank	Ref.-No.		2
				L mm 7,5
9744G	RA	803 204 030 533		060



9746G



Fig.	Shank	Ref.-No.		2
				L mm 2,5
9746G	RA	803 204 303 533		100



9749G



Fig.	Shank	Ref.-No.		2
				L mm 2,0
9749G	HP	803 104 044 533		110
	RA	803 204 044 533		110



9752G



Fig.	Shank	Ref.-No.		1
				L mm 2,5
9752G	HP	803 104 372 533		170
	unmounted	803 900 372 533		170



9753G



Fig.	Shank	Ref.-No.		1
				L mm 2,5
9753G	HP	803 104 303 533		150
	unmounted	803 900 303 533		150



9770G



Shank	Ref.-No.		1
			L mm 2,0
9770G	HP	803 104 303 533	260



Polissoir diamant-porcelaine bleu/orange à grains moyens pour le prépolissage de la céramique et de métaux
 Gommini diamantati per porcellana blu/arancio, grana media per prelucidare ceramica e metalli
 Diamond-polishers for porcelain, blue/orange, medium – for pre polishing on ceramics and metals

9741M



Fig.	Shank	Ref.-No.		2
			L mm	7,5
9741M	RA	803 204 243 524		030
	FG	803 314 243 524		030



9742M



Fig.	Shank	Ref.-No.		2
			L mm	13,0
9742M	HP	803 104 300 524		040



9743M



Fig.	Shank	Ref.-No.		2
			L mm	10,0
9743M	RA	803 204 243 524		040



9744M



Fig.	Shank	Ref.-No.		2
			L mm	7,5
9744M	RA	803 204 030 524		060



9746M



Fig.	Shank	Ref.-No.		2
			L mm	2,5
9746M	RA	803 204 303 524		100



9749M



Fig.	Shank	Ref.-No.		2
			L mm	2,0
9749M	HP	803 104 044 524		110
	RA	803 204 044 524		110



9752M



Fig.	Shank	Ref.-No.		1
			L mm	2,5
9752M	HP	803 104 372 524		170
	unmounted	803 900 372 524		170



9753M



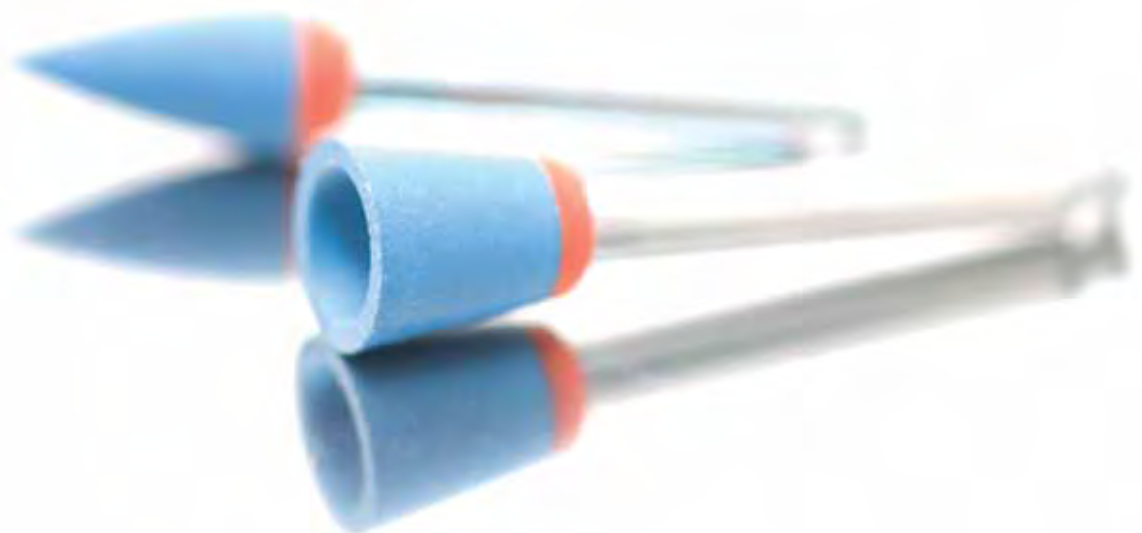
Fig.	Shank	Ref.-No.		1
			L mm	2,5
9753M	HP	803 104 303 524		150
	unmounted	803 900 303 524		150



9770M



Fig.	Shank	Ref.-No.		1
			L mm	2,0
9770M	HP	803 104 303 524		260



Polissoir diamanté rouge/orange à grains fins pour l'obtention d'un poli de haute brillance (brillantage) sur la céramique sans cuisson de glaçage additionnelle
 Gommini diamantati rosso/arancio, grana fine per brillantatura della ceramica senza cottura finale.
 Diamond-polishers, red/orange, fine, for highshine polishing ceramics without additional final firing

9741F

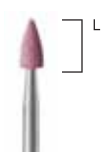


Fig.	Shank	Ref.-No.		2
			L mm	7,5
9741F	RA	803 204 243 503		030
	FG	803 314 243 503		030



9742F



Fig.	Shank	Ref.-No.		2
			L mm	13,0
9742F	HP	803 104 300 503		040
	RA	803 204 300 503		040



9743F



Fig.	Shank	Ref.-No.		2
			L mm	10,0
9743F	RA	803 204 243 503		040



9744F



Fig.	Shank	Ref.-No.		2
			L mm	7,5
9744F	RA	803 204 030 503		060



9746F



Fig.	Shank	Ref.-No.		2
			L mm	2,5
9746F	RA	803 204 303 503		100



9749F



Fig.	Shank	Ref.-No.		2
			L mm	2,0
9749F	HP	803 104 044 503		110
	RA	803 204 044 503		110



9752F



Fig.	Shank	Ref.-No.		1
			L mm	2,5
9752F	HP	803 104 372 503		170
	unmounted	803 900 372 503		170



9753F



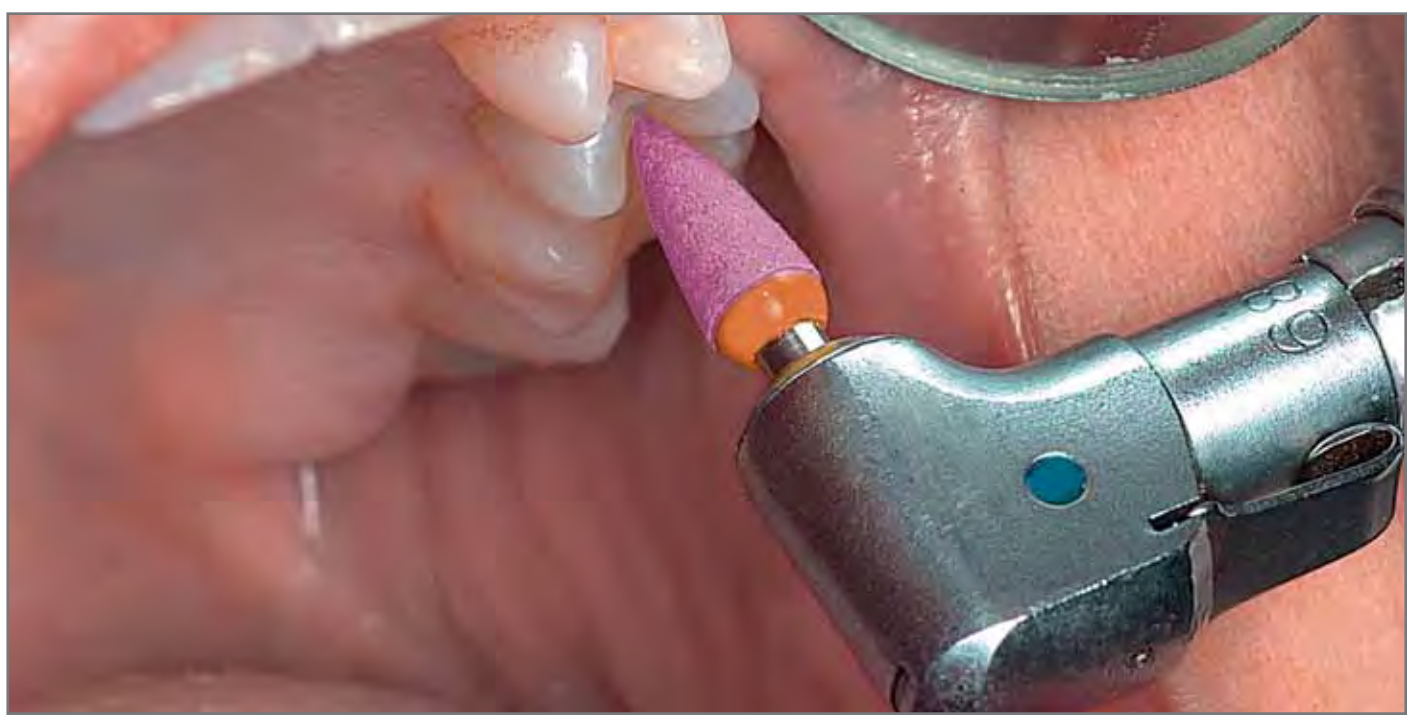
Fig.	Shank	Ref.-No.		1
			L mm	2,5
9753F	HP	803 104 303 503		150
	unmounted	803 900 303 503		150



9770F



Fig.	Shank	Ref.-No.		1
			L mm	2,0
9770F	HP	803 104 303 503		260



Polissoir diamant-céramique jaune/orange à grains extra-fins pour le prépolissage et le prêmeulage de la céramique et de métaux
 Gommini diamantati per porcellana giallo/arancio, grana extra fine per brillantatura di ceramica e metalli
 Diamond-polishers for ceramics, yellow/orange, extra fine, for final high shine on ceramics and metals

9742C



Fig.	Shank	Ref.-No.	⊞	2
			L mm	13,0
9742C	HP	803 104 300 493		040



9743C



Fig.	Shank	Ref.-No.	⊞	2
			L mm	10,0
9743C	RA	803 204 243 930		040



9744C

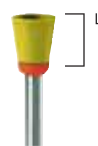


Fig.	Shank	Ref.-No.	⊞	2
			L mm	7,5
9744C	RA	803 204 030 493		060



9746C



Fig.	Shank	Ref.-No.	⊞	2
			L mm	2,5
9746C	RA	803 204 304 514		100



9752C



Fig.	Shank	Ref.-No.	⊞	1
			L mm	2,5
9752C	HP	803 104 372 493		170
	unmounted	803 900 372 493		170



9770C



Fig.	Shank	Ref.-No.	⊞	1
			L mm	2,0
9770C	HP	803 104 303 493		260



Instruments diamantés à deux zones, spécialement conçus pour façonner des céramiques renforcées au silicate et à la leucite
 Strumenti diamantati speciali per la lavorazione in due passaggi di ceramiche indurite con silicati o leucite
 Two-stage diamond coated instruments especially for the treatment of silicate and leucite strengthened ceramics



rouge / orange (à grains moyens), lissage et prépolissage • rosso/arancio (medio) levigatura e prelucidatura • red / orange (medium), abrading and pre-polishing

DPO01



Fig.	Shank	Ref.-No.	⊞	1
			L mm	2,0
DPO01	HP	803 104 303 522		200



DPO02



Fig.	Shank	Ref.-No.	⊞	2
			L mm	13,0
DPO02	HP	803 104 243 522		040



DPO03



Fig.	Shank	Ref.-No.	⊞	2
			L mm	2,5
DPO03	HP	803 104 372 522		110



- pour toutes les céramiques au silicate
- Manipulation simple
- Longue durée de vie
- per tutti i tipi di ceramiche con silicato
- facili da utilizzare
- lunga durata
- for all silicate ceramics
- easy use
- long lasting

gris / orange (à grains fins), polissage de haute brillance • grigio/arancio (fine) brillantatura finale • gray / orange (fine), bright lustre polish

DPO04



Fig.	Shank	Ref.-No.	⊞	1
			L mm	2,0
DPO04	HP	803 104 303 512		200



DPO05



Fig.	Shank	Ref.-No.	⊞	1
			L mm	13,0
DPO05	HP	803 104 243 512		040



DPO06



Fig.	Shank	Ref.-No.	⊞	1
			L mm	2,5
DPO06	HP	803 104 372 512		110





Instruments diamantés à deux zones, spécialement conçus pour façonner la céramique, des restaurations de CAO/FAO ainsi que des oxycéramiques

Strumenti diamantati speciali per la lavorazione in due passaggi di ceramica, restauri CAD/CAM e ossido-ceramiche

Two-stage diamond coated instruments especially for the treatment of ceramics, restorations CAD/CAM and oxide ceramics

Bleu clair / orange (à grains moyens), lissage et prépolissage • Azzurro/arancio (medio) levigatura e prelucidatura • light blue / orange (medium), abrading and pre-polishing

DCA01



Fig.	Shank	Ref.-No.		1
			L mm	2,0
DCA01	HP	803 104 304 524		260



DCA02

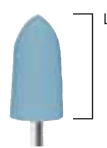


Fig.	Shank	Ref.-No.		1
			L mm	14,0
DCA02	HP	803 104 292 524		073



DCA03

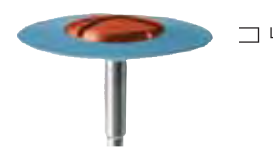


Fig.	Shank	Ref.-No.		1
			L mm	2,0
DCA03	HP	803 104 303 524		200



DCA04



Fig.	Shank	Ref.-No.		2
			L mm	13,0
DCA04	HP	803 104 243 524		040



DCA05



Fig.	Shank	Ref.-No.		2
			L mm	2,5
DCA05	HP	803 104 372 524		110



DCA06

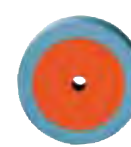


Fig.	Shank	Ref.-No.		1
			L mm	2,5
DCA06	HP	803 900 373 524		170



- spécialement pour les oxycéramiques
- pour s'adapter aux restaurations de CAO/FAO
- servant d'outil pour corriger des défauts de cuisson de glaçage

- speciali per le ossido-ceramiche
- per correzioni di restauri CAD/CAM
- strumenti di correzione per difetti risultanti dopo la cottura finale

- especially for oxide ceramics
- for the fitting of restorations CAD/CAM as an error
- correction instrument on glaze firing defects

Marron / orange (à grains fins), polissage de haute brillance • marrone/arancio (fine) brillantatura finale • brown / orange (fine), bright lustre polish

DCA07



Fig.	Shank	Ref.-No.		1
			L mm	2,0
DCA07	HP	803 104 304 514		260



DCA08



Fig.	Shank	Ref.-No.		1
			L mm	14,0
DCA08	HP	803 104 292 514		073



DCA09



Fig.	Shank	Ref.-No.		1
			L mm	2,0
DCA09	HP	803 104 303 514		200



DCA10



Fig.	Shank	Ref.-No.		2
			L mm	13,0
DCA10	HP	803 104 243 514		040



DCA11



Fig.	Shank	Ref.-No.		2
			L mm	2,5
DCA11	HP	803 104 372 514		110



DCA12



Fig.	Shank	Ref.-No.		1
			L mm	2,5
DCA12	HP	803 900 373 514		170



Polissoir à porcelaine blanc à grains moyens pour l'érodage et le lissage de la céramique
 Gommini per porcellana bianchi, grana media per abrader e rifinire la ceramica
 Porcelain-polishers, white, medium for trimming and smoothing ceramics

9652V



Fig.	Shank	Ref.-No.		5
				L mm 12,0
9652V	RA	658 204 300 525		045



9653V



Fig.	Shank	Ref.-No.		5
				L mm 9,5
9653V	RA	658 204 030 525		070



9613V



Fig.	Shank	Ref.-No.		10
				L mm 4,0
9613V	unmounted	658 900 303 525		220



9617V



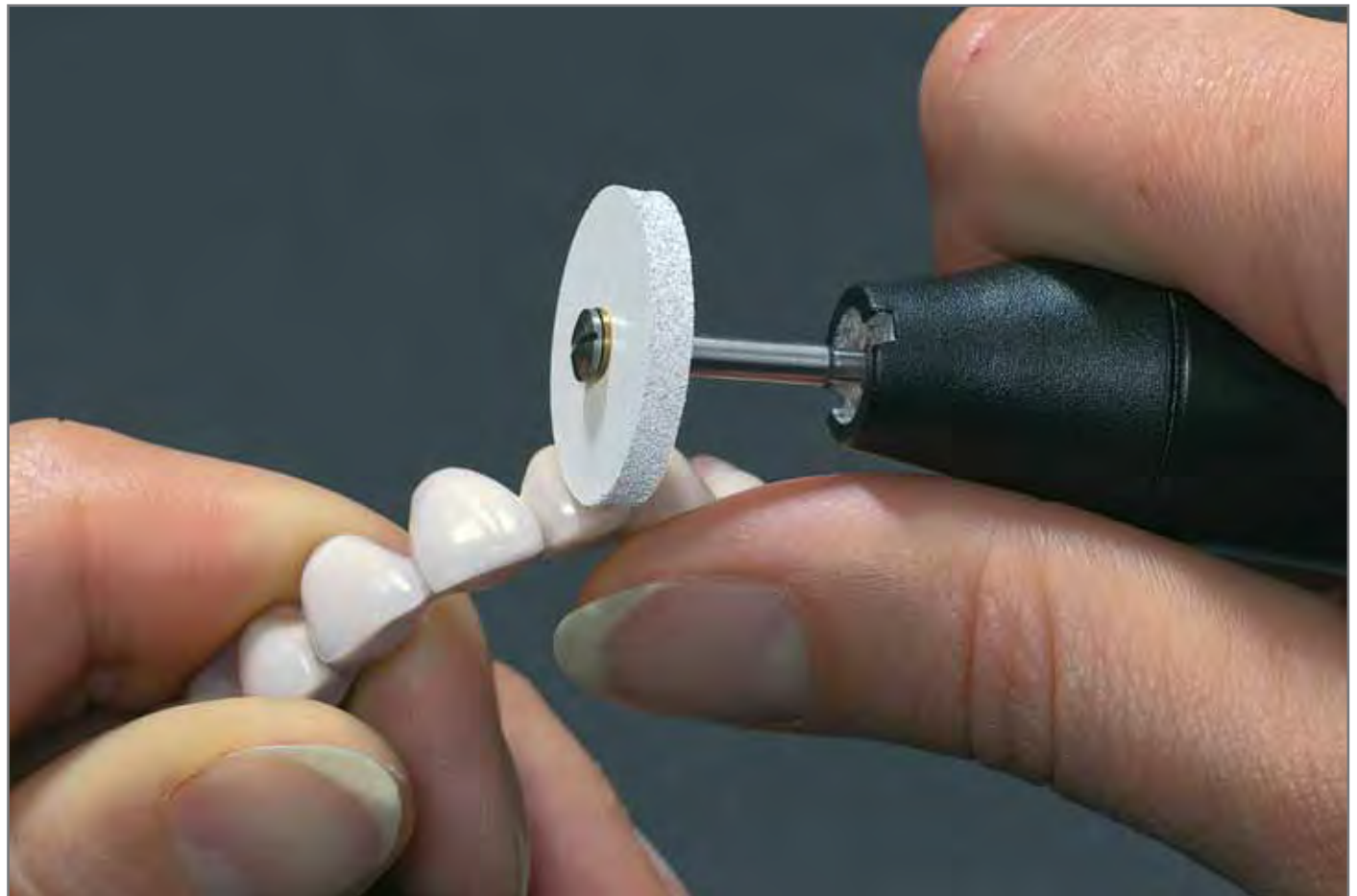
Fig.	Shank	Ref.-No.		10
				L mm 3,0
9617V	unmounted	658 900 372 525		220



9619V



Fig.	Shank	Ref.-No.		10
				L mm 24,0
9619V	unmounted	658 900 133 525		060



Polissoir à porcelaine rose à grains fins pour l'obtention d'un poli satiné mat sur la céramique
 Gommini per porcellana rosa, grana fine per una lucidatura satinata della ceramica
 Porcelain-polishers, pink, fine for silky lustre on ceramics

9652P



Fig.	Shank	Ref.-No.		5
			L mm	12,0
9652P	RA	658 204 300 515		045



9653P



Fig.	Shank	Ref.-No.		5
			L mm	9,5
9653P	RA	658 204 030 515		070



9613P



Fig.	Shank	Ref.-No.		10
			L mm	4,0
9613P	unmounted	658 900 303 515		220



9617P



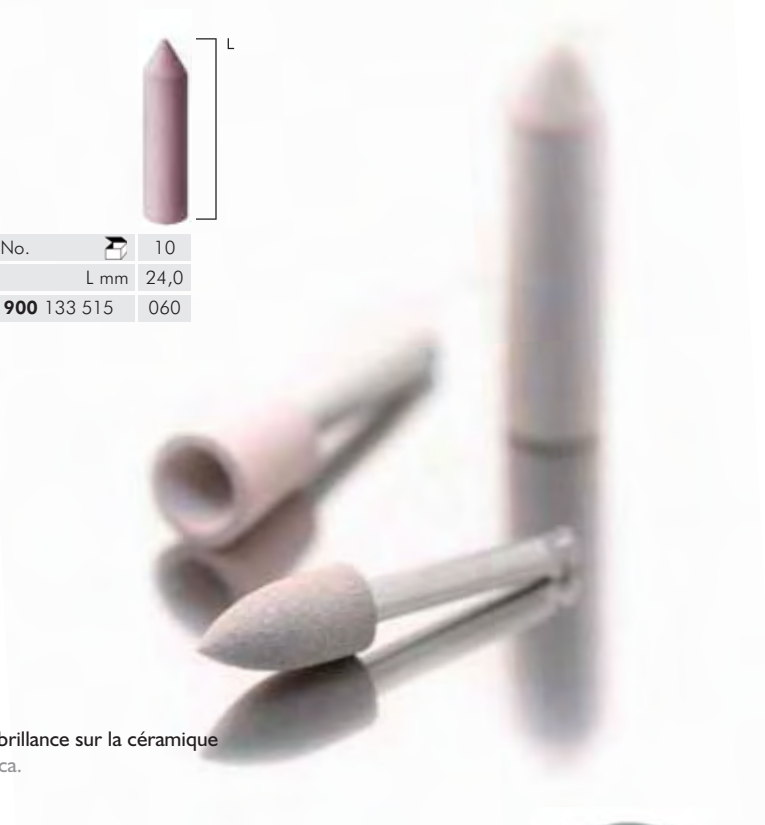
Fig.	Shank	Ref.-No.		10
			L mm	3,0
9617P	unmounted	658 900 372 515		220



9619P



Fig.	Shank	Ref.-No.		10
			L mm	24,0
9619P	unmounted	658 900 133 515		060



Polissoir à porcelaine vert clair à grains extra-fins pour l'obtention d'une haute brillance sur la céramique
 Gommini per porcellana verde chiaro, grana extra fine per brillantare la ceramica.
 Porcelain-polishers, light green, extra fine, for bright lustre on ceramics

9652H



Fig.	Shank	Ref.-No.		5
			L mm	10
9652H	RA	658 204 300 505		045



9653H



Fig.	Shank	Ref.-No.		5
			L mm	10
9653H	RA	658 204 030 505		070



9613H



Fig.	Shank	Ref.-No.		10
			L mm	3,0
9613H	unmounted	658 900 303 505		220



9617H



Fig.	Shank	Ref.-No.		10
			L mm	3,5
9617H	unmounted	658 900 372 505		220



9619H



Fig.	Shank	Ref.-No.		10
			L mm	24,0
9619H	unmounted	658 900 113 505		060



Polissoir pour coulée sur modèle • Gommini per lucidare gli scheletrati • Polishers for model casting

Polissoir pour coulée sur modèle marron, très dur et résistant à l'usure pour le polissage de métaux communs et de coulée sur modèle
 Gommini per lucidare scheletrati, marroni, molto duri ed abrasivi per la lucidatura di metalli non preziosi e scheletrati
 Model casting polishers, brown, very hard and abrasion resistant, for polishing non precious metals and model casting

9568P

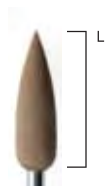


Fig.	Shank	Ref.-No.		5
				L mm 18,0
9568P	HP	612 104 257 534		055



9561P



Fig.	Shank	Ref.-No.		10
				L mm 3,0
9561P	unmounted	612 900 372 534		220



9562P



Fig.	Shank	Ref.-No.		10
				L mm 1,2
9562P	unmounted	612 900 371 534		260



Polissoir pour coulée sur modèle vert à grains grossiers, non monté pour le polissage de métaux communs et de coulée sur modèle
 Gommini per lucidare scheletrati, verdi, grana grossa, non montati, per la lucidatura di metalli non preziosi e scheletrati
 Model casting polishers, green, coarse, unmounted, for polishing non precious metals and model casting

9564P



Fig.	Shank	Ref.-No.		10
				L mm 20,0
9564P	unmounted	612 900 114 534		070



9561U



Fig.	Shank	Ref.-No.		10
				L mm 3,0
9561U	unmounted	618 900 372 533		220



9564U



Fig.	Shank	Ref.-No.		10
				L mm 22,0
9564U	unmounted	618 900 114 533		060



Polissoir pour matière plastique • Gommini per lucidare la resina • Polishers for acrylics

Prépolissoir à usage technique, vert à grains grossiers pour les matières plastiques de prothèse
 Gommini da laboratorio per prelucidatura, verdi, grana grossa per protesi in resina
 Laboratory pre-polishers, green, coarse, for acrylics

9569V



Fig.	Shank	Ref.-No.		5
				L mm 17,0
9569V	HP	658 104 273 536		055



9571V



Fig.	Shank	Ref.-No.		5
				L mm 17,0
9571V	HP	658 104 114 536		065



9572V



Fig.	Shank	Ref.-No.		5
				L mm 17,0
9572V	HP	658 104 201 536		150



9573V



Fig.	Shank	Ref.-No.		5
		L mm		24,0
9573V	HP	658 104 273 536		100



9577V



Fig.	Shank	Ref.-No.		5
		L mm		18,8
9577V	HP	658 104 187 536		080



9578V



Fig.	Shank	Ref.-No.		5
		L mm		17,0
9578V	HP	658 104 275 536		060



9579V



Fig.	Shank	Ref.-No.		5
		L mm		20,0
9579V	HP	658 104 300 536		100



9580V



Fig.	Shank	Ref.-No.		5
		L mm		16,0
9580V	HP	658 104 300 536		056



Polissoir à usage technique, gris foncé à grains moyens pour les matières plastiques de prothèse
 Gommini da laboratorio, grigio scuro, grana media per protesi in resina
 Laboratory polishers, dark grey, medium, for acrylics

9569P



Fig.	Shank	Ref.-No.		5
		L mm		17,0
9569P	HP	658 104 273 534		055



9571P



Fig.	Shank	Ref.-No.		5
		L mm		17,0
9571P	HP	658 104 114 534		065



9572P



Fig.	Shank	Ref.-No.		5
		L mm		17,0
9572P	HP	658 104 201 534		150



9573P



Fig.	Shank	Ref.-No.		5
		L mm		24,0
9573P	HP	658 104 273 534		100



9577P



Fig.	Shank	Ref.-No.		5
		L mm		18,8
9577P	HP	658 104 187 534		080



9578P



Fig.	Shank	Ref.-No.		5
		L mm		17,0
9578P	HP	658 104 275 534		060



9579P



Fig.	Shank	Ref.-No.		5
		L mm		20,0
9579P	HP	658 104 300 534		100



9580P



Fig.	Shank	Ref.-No.		5
		L mm		16,0
9580P	HP	658 104 300 534		056



9581P



Fig.	Shank	Ref.-No.		10
		L mm		3,0
9581P	unmounted	658 900 372 534		220



Polissoir de brillantage à usage technique, jaune à grains fins pour les matières plastiques de prothèse
 Gommini da laboratorio per brillantatura, giallo, grana fine per protesi in resina
 Laboratory high shine polishers, yellow, fine, for acrylics

9569H



Fig.	Shank	Ref.-No.	5
		L mm	17,0
9569H	HP	658 104 273 524	055



9571H



Fig.	Shank	Ref.-No.	5
		L mm	17,0
9571H	HP	658 104 114 524	065



9572H



Fig.	Shank	Ref.-No.	5
		L mm	17,0
9572H	HP	658 104 201 524	150



9573H



Fig.	Shank	Ref.-No.	5
		L mm	24,0
9573H	HP	658 104 273 524	100



9577H



Fig.	Shank	Ref.-No.	5
		L mm	18,8
9577H	HP	658 104 187 524	080



9578H



Fig.	Shank	Ref.-No.	5
		L mm	17,0
9578H	HP	658 104 275 524	060



9579H



Fig.	Shank	Ref.-No.	5
		L mm	20,0
9579H	HP	658 104 300 524	100



9580H



Fig.	Shank	Ref.-No.	5
		L mm	16,0
9580H	HP	658 104 300 524	056



Polissoir en silicone à oxyde d'aluminium bleu, à grains grossiers pour façonner des matières plastiques prothétiques. Les polissoirs se caractérisent par des durées de vie élevées

Gommini in silicone con ossido di alluminio, blu, grana grossa, per la lavorazione su protesi in resina. Questi gommini si contraddistinguono per la loro lunga durata

Silicon polishers with aluminium oxide, for the treatment of prosthetic plastics. The polishers are distinguished by their high durability

9572S

bleu, à grains grossiers
 blu, grana grossa
 blue, coarse



Fig.	Shank	Ref.-No.	5
		L mm	17,0
9572S	HP	658 104 201 533	150



9573S

bleu, à grains grossiers
 blu, grana grossa
 blue, coarse



Fig.	Shank	Ref.-No.	5
		L mm	24,0
9573S	HP	658 104 273 533	100



9579S

bleu, à grains grossiers
 blu, grana grossa
 blue, coarse



Fig.	Shank	Ref.-No.	5
		L mm	20,0
9579S	HP	658 104 300 533	100



9572U

bleu clair, à grains fins
 blu chiaro, grana fine
 light blue, fine



Fig.	Shank	Ref.-No.	5
		L mm	17,0
9572U	HP	658 104 201 523	150



9573U

bleu clair, à grains fins
 blu chiaro, grana fine
 light blue, fine



Fig.	Shank	Ref.-No.	5
		L mm	24,0
9573U	HP	658 104 273 523	100



9579U

bleu clair, à grains fins
 blu chiaro, grana fine
 light blue, fine



Fig.	Shank	Ref.-No.	5
		L mm	20,0
9579U	HP	658 104 300 523	100



Polissoir pour surface de mastication (ou occlusale) • Gommini per lucidare le superfici occlusali • Occlusal polishers

Pour tous
Per tutti
For all



Polissoir de surface de mastication pour coulée sur modèle, métaux communs et alliages précieux – polissage brillant de coulée sur modèle / prépolissage d'alliages précieux gris à grains moyens, mou, assortiment, 100 unités par emballage et 1 unité Fig. 327 RF

Gommini per superfici occlusali di scheletrati e metalli preziosi e non preziosi, per prelucidatura, grigi, grana media, morbidi. Ogni confezione ne contiene 100 pezzi ed un mandrino 327 RF

Occlusal surface polishers for model casting, nonprecious and precious metal – metals – prepolishing grey, medium, soft, assortment, each package 100 pieces and one mandrel Fig. 327 RF

9522V

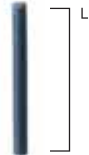


Fig.	Shank	Ref.-No.		100
			L mm	19,0
9522V	HP	653 104 114 523		020

9523V



Fig.	Shank	Ref.-No.		100
			L mm	23,0
9523V	HP	653 104 114 523		030



Polissoir de surface de mastication pour le polissage d'alliages précieux, marron à grains moyens, mou, assortiment, 100 unités par emballage et 1 unité Fig. 327 RF

Gommini per superfici occlusali di metalli preziosi, per lucidatura, marroni, grana fine - morbidi. Ogni confezione ne contiene 100 pezzi ed un mandrino 327 RF

Occlusal surface polishers for precious metals – polishing, brown, fine, soft – assortment, each package 100 pieces and one mandrel Fig. 327 RF

9522P



Fig.	Shank	Ref.-No.		100
			L mm	19,0
9522P	HP	653 104 114 513		020

9523P

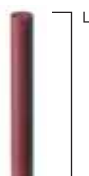


Fig.	Shank	Ref.-No.		100
			L mm	23,0
9523P	HP	653 104 114 513		030



Polissoir de surface de mastication pour le polissage brillant d'alliages précieux, vert à grains extra-fins, mou, assortiment, 100 unités par emballage et 1 unité Fig. 327 RF

Gommini per superfici occlusali di metalli preziosi, per brillantatura, verdi, grana extra fine - morbidi. Ogni confezione ne contiene 100 pezzi ed un mandrino 327 RF

Occlusal surface polishers for precious metals – shine polishing, green, extra fine, soft – assortment, each package 100 pieces and one mandrel Fig. 327 RF

9522H

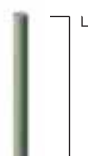


Fig.	Shank	Ref.-No.		100
			L mm	19,0
9522H	HP	653 104 114 503		020

9523H



Fig.	Shank	Ref.-No.		100
			L mm	23,0
9523H	HP	653 104 114 503		030



Polissoir de surface de mastication pour le prépolissage de coulée sur modèle, de métaux communs, bleu à grains grossiers, dur, assortiment, 100 unités par emballage et 1 unité Fig. 327 RF

Gommini per superfici occlusali di scheletrati, metalli non preziosi, per prelucidatura, blu, grana grossa - duri. Ogni confezione ne contiene 100 pezzi ed un mandrino 327 RF

Occlusal surface polishers for model casting, nonprecious metals – prepolishing, blue, coarse, hard – assortment, each package 100 pieces and one mandrel Fig. 327 RF

9552U

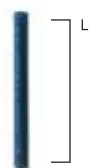


Fig.	Shank	Ref.-No.		100
				L mm 19,0
9552U	HP	653 104 114 534		020



9553U



Fig.	Shank	Ref.-No.		100
				L mm 23,0
9553U	HP	653 104 114 534		030



Polissoir de surface de mastication pour le polissage de coulée sur moule, de métaux communs, marron foncé à grains moyens, dur, assortiment, 100 unités par emballage et 1 unité Fig. 327 RF

Gommini per superfici occlusali di scheletrati, metalli non preziosi, per lucidatura, marroni scuro, grana media - duri. Ogni confezione ne contiene 100 pezzi ed un mandrino 327 RF.

Occlusal surface polishers for model casting, nonprecious metals – polishing, dark brown, medium, hard – assortment, each package 100 pieces and one mandrel Fig. 327 RF

9552P



Fig.	Shank	Ref.-No.		100
				L mm 19,0
9552P	HP	653 104 114 525		020



9553P

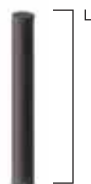


Fig.	Shank	Ref.-No.		100
				L mm 23,0
9553P	HP	653 104 114 525		030



Brosses de polissage • Spazzolini per lucidare • Polishing brushes

Brosses prophylactiques à poils de nylon durs, blancs
Spazzolini per profilassi, in fili di nylon duri, bianchi
Prophylaxis brushes with hard nylon bristles, white

Poils de chèvre blancs
Pelo di capra, bianco
Goat's hair, white

115



Fig.	Shank	Ref.-No.		5
				L mm 6,0
115	RA	100 204 292 000		040



116



Fig.	Shank	Ref.-No.		5
				L mm 5,0
116	RA	100 204 030 000		060



100



Fig.	Shank	Ref.-No.		5
				L mm 2,0
100	HP	090 104 543 000		220



Poils de chèvre blancs avec cuir à 3 couches
Pelo di capra bianco con pelle, 3 strati
Goat's hair, white with leather, 3-ply

Poils de chèvre gris avec cuir à 3 couches
Pelo di capra grigio con pelle, 3 strati
Goat's hair, grey with leather, 3-ply

102



Fig.	Shank	Ref.-No.		5
				L mm 6,0
102	HP	090 104 030 000		160



130



Fig.	Shank	Ref.-No.		5
				L mm 6,0
130	HP	090 104 543 002		220



140



Fig.	Shank	Ref.-No.		5
				L mm 6,0
140	HP	090 104 910 000		220



Crins de cheval blancs

Pelo di cavallo, bianco
Horse hair, white

110



Fig.	Shank	Ref.-No.		5
		L mm		1,5
110	HP	100 104 543 000		190



Soies de cochon de Tchong-K'ing noires

Setola di Chungking, nere
Chungking bristles, black

105



Fig.	Shank	Ref.-No.		5
		L mm		1,5
105	HP	100 104 543 005		190



Coton

Cotone
Cotton

150



Fig.	Shank	Ref.-No.		5
150	HP	080 104 045 000		220



Cuir à 5 couches

Pelle 5 strati
Leather, 5-ply

155



Fig.	Shank	Ref.-No.		5
155	HP	040 104 045 003		220



Futre à 3 couches

Feltro 3 strati
Felt, 3-ply

160



Fig.	Shank	Ref.-No.		5
160	HP	010 104 045 003		220



Eponge grattante Scotch Brite™ "Lisko" blanche

Eponge grattante Scotch Brite™ "Lisko" bianco
Scotch Brite™ "Lisco", bianco

253



Fig.	Shank	Ref.-No.		5
253	HP	030 104 045 000		250



Eponge grattante Scotch Brite™ "Lisko" lilas à grains fins

Scotch Brite™ "Lisko" lilla, fine
Scotch Brite™ "Lisco", lilac, fine

253F



Fig.	Shank	Ref.-No.		5
253F	HP	030 104 045 001		250



Eponge grattante Scotch Brite™ "Lisko" grise à grains moyens

Scotch Brite™ "Lisko" grigio, medio
Scotch Brite™ "Lisco", grey, medium

253M



Fig.	Shank	Ref.-No.		5
253M	HP	030 104 045 003		250



Eponge grattante Scotch Brite™ "Lisko" marron à grains grossiers

Scotch Brite™ "Lisko" marrone, grosso
Scotch Brite™ "Lisco", brown, coarse

253G



Fig.	Shank	Ref.-No.		5
253G	HP	030 104 045 000		250



Fibres de polyamide à carbure de silicium (SiC) pour le prépolissage de métaux

Fibra di poliammide con SiC (carburo di silicio) incorporato, per la prelucidatura di metalli
Polyamide fiber with SiC, for pre-polishing metal

401



Fig.	Shank	Ref.-No.		3
		L mm		2,1
401	HP	030 104 543 504		220



402



Fig.	Shank	Ref.-No.		3
		L mm		2,3
402	HP	030 104 543 514		220



Disque de feutre diamanté à imprégnation permanente N'employer qu'à sec

Ruotina in feltro diamantata (diamantatura permanente). Da utilizzare solo asciutta
Diamond felt polisher with permanent diamond impregnation. Dry use only

980



Fig.	Shank	Ref.-No.		10
		L mm		3,0
980	unmounted	800 900 372 492		120



Les instruments en acier de MEISINGER sont fabriqués à partir de matériel sélectionné „Vanadium-Wolfram“ ou acier inoxydable. A nommer les avantages tels que la conception fonctionnelle, la denture de haute précision et le centrage exceptionnel. Dureté et élasticité du matériau les meilleures possibles. Les instruments seront fabriqués par acier rapide haute performance (HSS) et présentent une conductivité thermique optimale ainsi qu'une longévité élevée.

Gli strumenti in acciaio della Meisinger sono prodotti da un unico pezzo di acciaio wolframio-vanadio o acciaio inossidabile. Si distinguono per la loro stabilità, per il taglio preciso e per l'ottima concentricità. Le caratteristiche di questi strumenti sono l'alta flessibilità abbinata alla durezza del materiale. Le frese in acciaio-HSS sono prodotte con un acciaio speciale denominato acciaio rapido, sono molto resistenti al calore e di lunga durata.

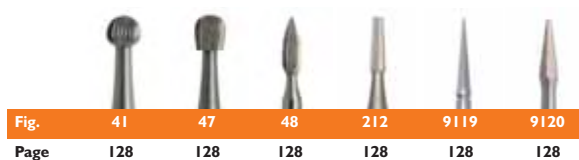
MEISINGER steel instruments are manufactured from one piece vanadium tungsten steel or stainless steel. They demonstrate quality through their functional design, precision toothing, and above average concentricity. The instruments offer high elasticity and optimal material hardness.

HSS-Steel instruments are produced from high strength steel and therefore offer an additional heat strength, as well as high endurance.

Fraise en acier inoxydable • Frese in acciaio • Steel burs



Fraise à finir en acier inoxydable • Frese in acciaio a finire • Steel finishing burs



Fraise en acier inoxydable • Fresoni in acciaio • Steel cutters



Mandrin • Mandrini • Mandrels



Mandrin inoxydable • Mandrini acciaio inox • Mandrels, stainless



Fraise en acier inoxydable • Frese in acciaio • Steel burs



1

1RF

steel
stainless steel

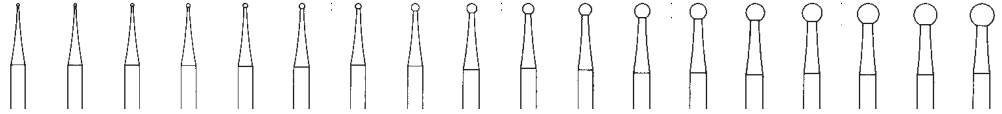


Fig.	Shank	Ref.-No.		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5		
1	HP	310 104 001 001		004	005	006	007	008	009	010	012	014	016	018	021	023	025	027	029	031	033
	RA	310 204 001 001			005	006	007	008	009	010	012	014	016	018	021	023	025	027	029	031	
	RA L	310 205 001 001							009	010	012	014	016	018	021	023					
	RA XL	310 206 001 001								010	012	014	016	018	021	023					
1RF	HP	330 104 001 001			005		007		009	010	012	014	016	018	021	023					

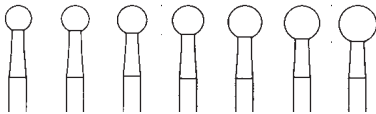


Fig.	Shank	ISO-No.		5	5	5	5	5	5	5
1	HP	310 104 001 001		035	037	040	042	045	047	050



* Seul inoxydable, solo RF, only RF



2

steel

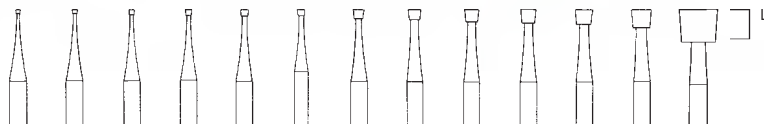


Fig.	Shank	Ref.-No.		10	10	10	10	10	10	10	10	10	10	10	10	10	10	5
2	HP	310 104 010 001		L mm	0,5	0,6	0,7	0,8	0,9	1,1	1,2	1,4	1,6	1,9	2,0	2,4	4,2	
					006	007	008	009	010	012	014	016	018	021	023	027	050	
	RA	310 204 010 001		006		008		010	012	014	016	018						



3

steel

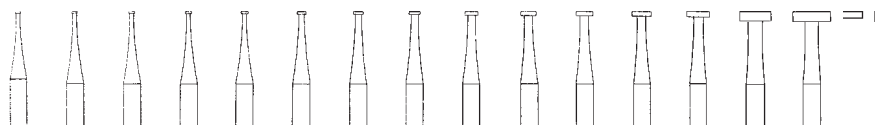


Fig.	Shank	Ref.-No.		10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	
3	HP	310 104 040 001		L mm	0,2	0,2	0,3	0,3	0,3	0,3	0,4	0,4	0,5	0,5	0,6	0,7	0,8	1,0	1,3
					006	007	008	009	010	012	014	016	018	021	023	027	031	040	050





11

11RF

steel
stainless steel

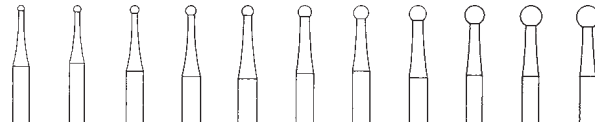
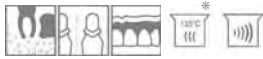


Fig.	Shank	Ref.-No.		10	10	10	10	10	10	10	10	10	1	10
11	HP	310 104 001 002		009	010	012	014	016	018	021	023		029	031
11RF	HP	330 104 001 002		009	010	012	014	016	018	021	023	027		031



* Seul inoxydable, solo RF, only RF



21

steel

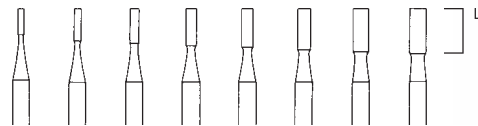


Fig.	Shank	Ref.-No.		10	10	10	10	10	10	10	10
				L mm							
				3,6	4,2	4,5	4,8	5,1	5,4	5,7	6,0
21	HP	310 104 107 006		008	010	012	014	016	018	021	023
	RA	310 204 107 006			010	012					



26

steel

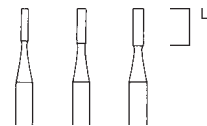


Fig.	Shank	Ref.-No.		10	10	10
				L mm		
				4,2	4,5	4,8
26	HP	310 104 107 001		010	012	014



36

steel

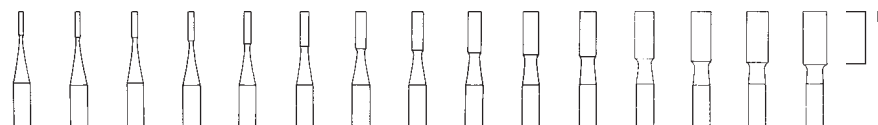


Fig.	Shank	Ref.-No.		10	10	10	10	10	10	10	10	10	10	10	10	10		
				L mm														
				3,0	3,3	3,6	3,9	4,2	4,5	4,8	5,1	5,4	5,7	6,0	6,3	6,6	6,9	7,2
36	HP	310 104 107 002		006	007	008	009	010	012	014	016	018	021	023	025	027	029	031
	RA	310 204 107 002				008	009	010	012	014	016							



38

steel

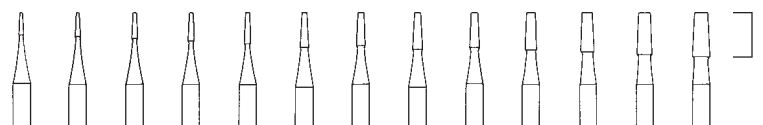


Fig.	Shank	Ref.-No.		10	10	10	10	10	10	10	10	10	10	10	10	
				L mm												
				3,0	3,3	3,6	3,9	4,2	4,3	4,5	4,7	4,8	5,1	5,4	5,7	6,0
38	HP	310 104 168 002		006	007	008	009	010	011	012	013	014	016	018	021	023
	RA	310 204 168 002				008		010		012		014	016	018	021	





39

steel

39RF

stainless steel

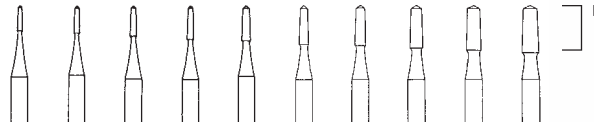


Fig.	Shank	Ref.-No.		10	10	10	10	10	10	10	10	10	10	10
			L mm	3,3	3,6	3,9	4,2	4,5	4,8	5,1	5,4	5,7	6,0	
39	HP	310 104 206 002		007	008	009	010	012	014	016	018	021	023	
39RF	HP	330 104 206 002			008	009	010	012	014	016	018	021	023	



* Seul inoxydable, solo RF, only RF

159RF

stainless steel

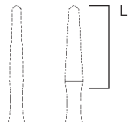


Fig.	Shank	Ref.-No.		2	2
			L mm	11,0	11,0
159RF	HP	330 104 211 002		018	023



203

steel

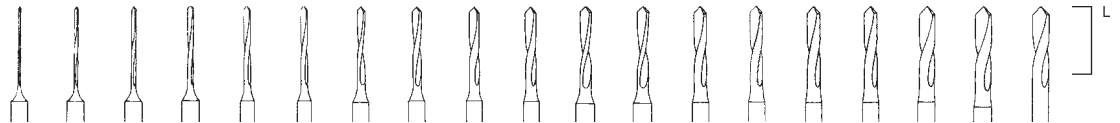


Fig.	Shank	Ref.-No.		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
			L mm	7,0	7,0	7,0	7,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0		
203	HP	310 104 417 364		005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023



Fraise spirale
Frese a spirale
Twist drills

HSS203

steel

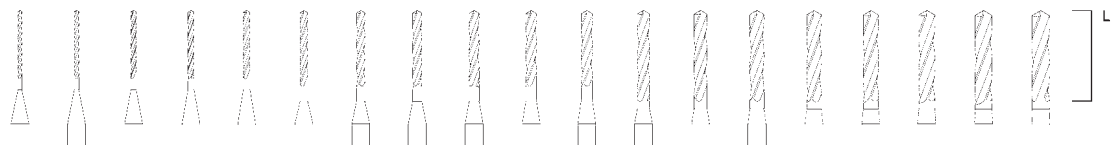


Fig.	Shank	Ref.-No.		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
			L mm	9,0	9,0	9,0	9,0	9,0	10,0	10,0	10,0	10,0	10,0	10,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	
HSS203	HP	350 104 417 364		005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023



Fraise spirale en acier rapide haute performance (HSS) - longévité supérieure par 10x
Frese a spirale, acciaio rapido, alto rendimento (HSS) - durata circa 10 volte maggiore
Twist drills, high speed steel (HSS) - approx. 10-fold longer endurance

Fraise à finir en acier inoxydable • Frese in acciaio a finire • Steel finishing burs

41

steel

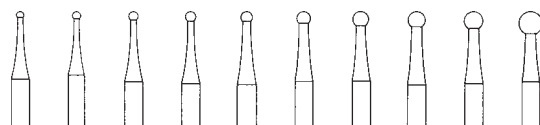


Fig.	Shank	Ref.-No.		10	10	10	10	10	10	10	10	10	10
41	HP	310 104 001 071		009	010	012	014	016	018	021	023	025	
	RA	310 204 001 071			010	012	014	016	018	021	023		031



47 steel

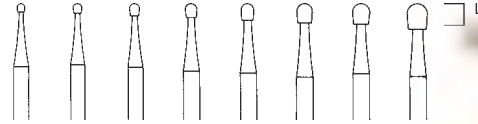


Fig.	Shank	Ref.-No.		10	10	10	10	10	10	10	10	10
				L mm	1,2	1,5	1,7	1,9	2,2	2,5	2,8	3,3
47	RA	310 204 237 071		010	012	014	016	018	021	023	027	



48 steel

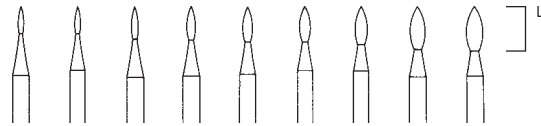


Fig.	Shank	Ref.-No.		10	10	10	10	10	10	10	10	10
				L mm	3,9	4,2	4,5	4,8	5,1	5,4	5,7	6,0
48	HP	310 104 243 071		008		010			016			
	RA	310 204 243 071		008	009	010	012	014	016	018	021	023



212 steel

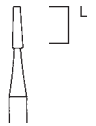


Fig.	Shank	Ref.-No.		10	
				L mm	4,8
212	RA	310 204 168 071		014	



Fraise en acier inoxydable
Fresoni in acciaio
Steel cutters

9119 steel

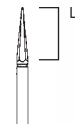


Fig.	Shank	Ref.-No.		5	
				L mm	7,5
9119	FG	310 314 470 381		016	



Instrument à detartrer
Fresa per detartrasi
Tartar removal

9120 steel



Fig.	Shank	Ref.-No.		5	
				L mm	2,5
9120	FG	310 314 469 381		009	



Instrument à detartrer
Fresa per detartrasi
Tartar removal

71 steel

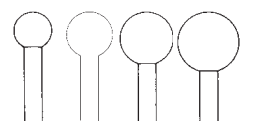


Fig.	Shank	Ref.-No.		5	5	5	5
71	HP	310 104 001 171		050	060	070	080



72 steel

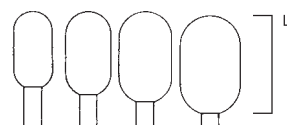


Fig.	Shank	Ref.-No.		5	5	5	5
				L mm	10,0	11,0	12,0
72	HP	310 104 155 171		050	060	070	080



73 steel

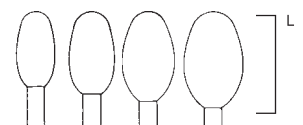


Fig.	Shank	Ref.-No.		5	5	5	5
				L mm	10,0	11,0	12,0
73	HP	310 104 277 171		050	060	070	080



75 steel

Fig.	Shank	Ref.-No.		5	5	5	5	5
			L mm	8,0	9,5	11,0	12,5	14,0
75	HP	310 104 260 171		040	050	060	070	080
	RA	310 204 260 171			050	060		

77 steel

Fig.	Shank	Ref.-No.		5	5	5	5
			L mm	10,0	11,0	12,0	13,0
77	HP	310 104 237 171		050	060	070	080

78 steel

Fig.	Shank	Ref.-No.		5	5	5	5
			L mm	11,0	12,0	13,0	14,0
78	HP	310 104 257 171		050	060	070	080

79 steel

Fig.	Shank	Ref.-No.		5	5
			L mm	12,0	12,0
79	HP	310 104 266 171		045	055
	RA	310 204 266 171		045	055

81RF stainless steel

Fig.	Shank	Ref.-No.		5	5	5	5
81RF	HP	330 104 001 172		040	050	060	070

Pour travailler des matériaux de rebasage en résine molle
 Per la lavorazione di resine molli per ribasatura
 For the reduction of permanent soft relining material

82RF stainless steel

Fig.	Shank	Ref.-No.		5	5	5	5
			L mm	9,0	10,0	11,0	12,0
82RF	HP	330 104 155 172		040	050	060	070

Pour travailler des matériaux de rebasage en résine molle
 Per la lavorazione di resine molli per ribasatura
 For the reduction of permanent soft relining material

84RF stainless steel

Fig.	Shank	Ref.-No.		5	5	5	5
			L mm	3,0	3,5	4,0	4,5
84RF	HP	330 104 103 172		050	060	070	080

Pour travailler des matériaux de rebasage en résine molle
 Per la lavorazione di resine molli per ribasatura
 For the reduction of permanent soft relining material

85RF stainless steel

Fig.	Shank	Ref.-No.		5	5	5	5
			L mm	9,5	11,0	12,5	14,0
85RF	HP	330 104 260 172		050	060	070	080

Pour travailler des matériaux de rebasage en résine molle
 Per la lavorazione di resine molli per ribasatura
 For the reduction of permanent soft relining material

89 steel

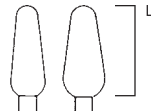


Fig.	Shank	Ref.-No.		5	5
				L mm 12,0 12,0	
89	HP	310 104 266 172		045	055



Pour travailler des matériaux de rebasage en résine molle
 Per la lavorazione di resine molli per ribasatura
 For the reduction of permanent soft relining material

91RF stainless steel



Fig.	Shank	Ref.-No.		5
91RF	HP	330 104 001 132		050



Pour dégroississage fin des matériaux de rebasage en résine molle (91RF-95RF)
 Per la rifinitura di resine molli per ribasatura (91 RF-95 RF)
 For finishing permanent soft relining material (91RF-95RF)

92RF stainless steel

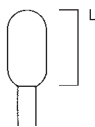


Fig.	Shank	Ref.-No.		5
				L mm 10,0
92RF	HP	330 104 155 132		050



Pour dégroississage fin des matériaux de rebasage en résine molle (91RF-95RF)
 Per la rifinitura di resine molli per ribasatura (91 RF-95 RF)
 For finishing permanent soft relining material (91RF-95RF)

95RF stainless steel

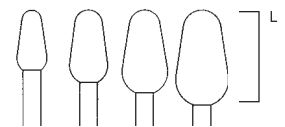


Fig.	Shank	Ref.-No.		5	5	5	5
				L mm 8,0 9,5 11 12,5			
95RF	HP	330 104 260 132		040	050	060	070



Pour dégroississage fin des matériaux de rebasage en résine molle (91RF-95RF)
 Per la rifinitura di resine molli per ribasatura (91 RF-95 RF)
 For finishing permanent soft relining material (91RF-95RF)

104RF stainless steel

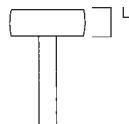


Fig.	Shank	Ref.-No.		1
				L mm 3,5
104RF	HP	330 104 099 172		100



108 steel

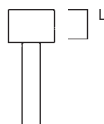


Fig.	Shank	Ref.-No.		2
				L mm 3,7
108	HP	310 104 118 174		060



Fraise pour des réparations
 Fresone per riparazioni
 Groove cutter for repairs

231 steel

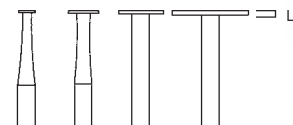
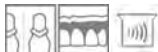


Fig.	Shank	Ref.-No.		10	5	5	5
				L mm 0,2 0,3 0,4 0,5			
231	HP	310 104 045 171		023	040	060	100



Scie circulaire
 Segna circolare
 Circular saw



232RF stainless steel

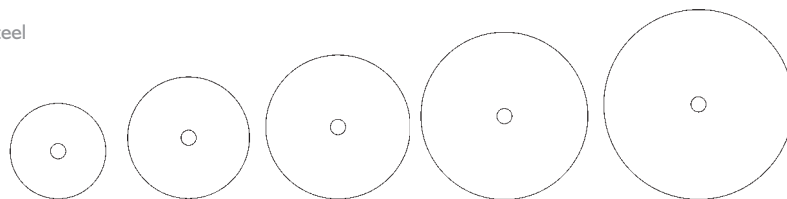


Fig.	Shank	Ref.-No.		10	10	10	10	10
			L mm	0,1	0,1	0,1	0,1	0,1
232RF	unmounted	330 900 320 101		125	160	190	220	250



Scie circulaire, inoxydable
Sega circolare, acciaio inox
Circular saw, stainless

234 steel

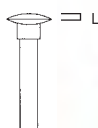


Fig.	Shank	Ref.-No.		5
			L mm	1,5
234	HP	310 104 304 171		060



450 steel

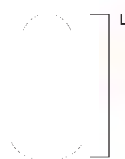


Fig.	Shank	Ref.-No.		1
			L mm	19,0
450	HP	310 104 260 131		100



Fraise à plâtre
Fresoni per gesso
Cutter for plaster



452RF stainless steel

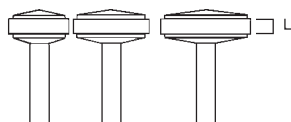


Fig.	Shank	Ref.-No.		1	1	1
			L mm	2,0	2,0	2,0
452RF	HP	330 104 100 381		080	100	120



Roue à river
Ruota per rivettare
Riveter

452S steel

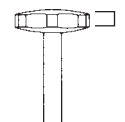


Fig.	Shank	Ref.-No.		1
			L mm	2,0
452S	HP	310 104 100 383		100



Roue à refouler
Ruota per ribattere
Ram wheel

514 steel

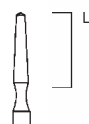


Fig.	Shank	Ref.-No.		2
			L mm	10,5
514	HP	310 104 211 215		021



Fraise aiguille de laboratoire
Fresone a punta per laboratorio
Laboratory cutting bur

515 steel

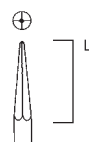
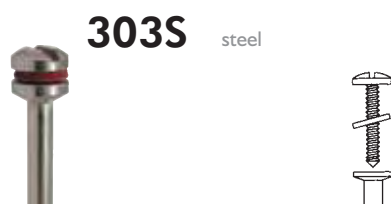


Fig.	Shank	Ref.-No.		2
			L mm	11,0
515	HP	310 104 467 211		023



Fraise aiguille de laboratoire
Fresone a punta per laboratorio
Laboratory cutting bur

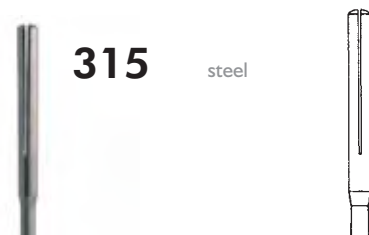
Mandrin • Mandrini • Mandrels



303S steel

Fig.	Shank	Ref.-No.		5
303S	HP	310 104 603 391		050

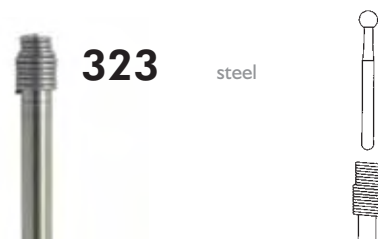
Mandrin pour tous types de disques et de scies circulaires
Mandrino per tutti i tipi di dischi e per seghe circolari
Mandrel for all types of discs and circular saws



315 steel

Fig.	Shank	Ref.-No.		5
315	HP L	312 105 623 444		031

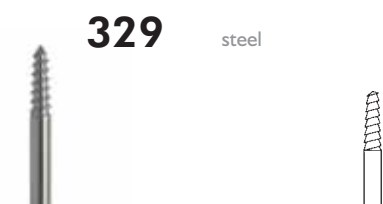
Mandrin pour des rubans de papier
Mandrino per strisce di carta a vetro
Mandrel for sand-paper strips



323 steel

Fig.	Shank	Ref.-No.		2
323	HP short	310 103 602 436		1,60
				016

Cet adaptateur FG accepte chaque instrument FG en pièce-à-main (ø 2,35 mm) aussi - meilleure solution pour utiliser une sélection d'instruments illimitée avec succès
Con l'adattatore per FG ogni fresa con gambo FG può essere utilizzata come una fresa con gambo HP (Ø 2,35 mm.). La migliore soluzione per avere a disposizione una scelta completa di strumenti
Any FG-instrument can be fixed to a handpiece (ø 2.35 mm) by means of this FG-adapter - best solution for successfully using an unlimited selection of instruments



329 steel

Fig.	Shank	Ref.-No.		5
329	HP	312 104 610 417		023

Mandrin pour polisseurs flexibles et cônes de feutre
Mandrino per gommini per lucidare e palline in feltro
Mandrel for flexible polishers and felt-cones

Mandrin inoxydable • Mandrini acciaio inox • Mandrels, stainless



301LR stainless steel

Fig.	Shank	Ref.-No.		5
301LR	HP	330 104 610 415		050



Mandrin pour polisseurs flexibles et cônes de feutre
Mandrino per gommini per lucidare e palline in feltro
Mandrel for flexible polishers and felt-cones



303RF stainless steel

Fig.	Shank	Ref.-No.		5	5	5
303RF	HP	330 104 603 391		035	050	080
	RA	330 204 603 391		035	050	
	HP 3	330 124 603 391			050	



Mandrin pour tous types de disques et de scies circulaires
Mandrino per tutti i tipi di dischi e per seghe circolari
Mandrels for all types of discs and circular saws



305RF stainless steel

Fig.	Shank	Ref.-No.		5	5
305RF	HP	330 104 604 391		050	080



Mandrin pour tous types de disques et de scies circulaires
Mandrino per tutti i tipi di dischi e per seghe circolari
Mandrels for all types of discs and circular saws



306RF stainless steel



Fig.	Shank	Ref.-No.		5
306RF	HP	330 104 614 391		050



Mandrin pour tous types de disques et de scies circulaires, tête de mandrin plate sans rondelle, surface de fixation profilée
 Mandrino per dischi di tutti i tipi e per seghe circolari, testa del mandrino piatta senza rondella, piano di bloccaggio predefinito
 Mandrel for all types of discs and circular saws, flat-headed mandrel without washer, profile clamping plate

309RF stainless steel

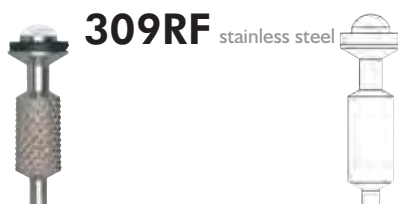


Fig.	Shank	Ref.-No.		5
309RF	HP L	330 105 625 396		080



Mandrin avec tension rapide pour toutes disques
 Mandrino con attacco rapido per dischi di tutti i tipi
 Mandrel with manual fixture of all types of discs

313SR stainless steel



Fig.	Shank	Ref.-No.		5
313SR	HP	330 104 615 421		055
	RA	330 204 615 421		055



Mandrin pour disques "Moore"
 Mandrino per dischi "Moore"
 Mandrel for "Moore" discs

314RF stainless steel

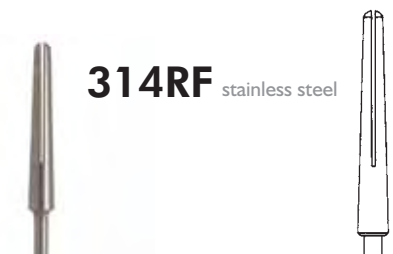


Fig.	Shank	Ref.-No.		5
314RF	HP L	330 105 622 444		042



Mandrin pour des rubans de papier
 Mandrino per strisce di carta a vetro
 Mandrel for sand-paper strips

318RF stainless steel

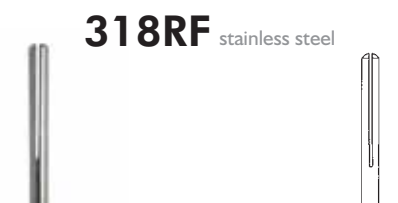


Fig.	Shank	Ref.-No.		5
318RF	HP	330 104 623 443		023



Mandrin pour des rubans de papier
 Mandrino per strisce di carta a vetro
 Mandrel for sand-paper strips

320A stainless steel

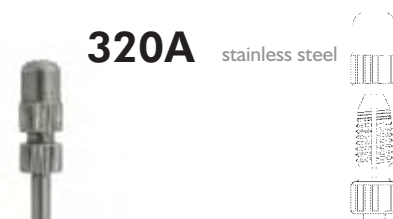


Fig.	Shank	Ref.-No.		2
				1,6
320A	HP	330 104 612 434		016



Cet adaptateur FG accepte chaque instrument FG en pièce-à-main (ø 2,35 mm) aussi - meilleure solution pour utiliser une sélection d'instruments illimitée avec succès
 Con l'adattatore per FG ogni fresa con gambo FG può essere utilizzata come una fresa con gambo HP (Ø 2,35 mm.). La migliore soluzione per avere a disposizione una scelta completa di strumenti
 Any FG-instrument can be fixed to a handpiece (ø 2.35 mm) by means of this FG-adaptor - best solution for successfully using an unlimited selection of instruments

327RF stainless steel

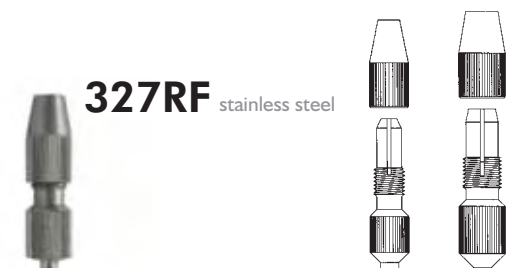


Fig.	Shank	Ref.-No.		1	1
				2,0	3,0
327RF	HP	330 104 612 432		020	030
	RA	330 204 612 432		020	



Mandrin pour instruments à polir de surfaces occlusales
 Mandrino per lucidatori di superfici occlusali
 Mandrels for occlusal surface polishers



Les instruments spéciaux de MEISINGER et les assortiments pour le traitement de la pulpe dentaire offrent toutes possibilités de l'élargissement du canal radiculaire au obturation radiculaire avec pivot en titanium. Cette gamme de production permet d'effectuer facilement toutes les méthodes de traitement endodontiques et courantes.

Gli strumenti speciali e gli assortimenti per endodonzia della Meisinger offrono al professionista tutte le possibilità, dai trattamenti allargacanalari per arrivare alle otturazioni con punte in titanio. Con un'ampia gamma di strumenti si possono realizzare tutti i trattamenti correnti in endodonzia in modo semplice e sicuro.

MEISINGER special instruments and assortments for Endodontia offers the dentist all possibilities from root canal treatment to root fillings with titanium pins. Because of this wide choice, all current endodontic methods of treatments can be carried out easily and safely.

Instruments à canaux • Strumenti canalari • Root canal instruments

Fig.	175	176	180GR	182	183LR	183PR	191R	193	39E	HM 152	802KG	802LG
Page	135	135	135	135	135	135	136	136	136	136	136	136

Würzburger Stift

Fig.	MP006 Würzburger Stift	WS6PB	WS6FB	WS60K	WS60P	801	837	859	WS60M
Page	137	137	137	137	137	137	137	137	137

MEITRAC I Endo Safety System

Fig.	2271 MEITRAC I	226	2270	2270
Page	138	138	138	138

MEITRAC II Endo Safety System

Fig.	2272 MEITRAC II	226	2270	2270
Page	138	138	138	138

MEITRAC III Endo Safety System

Fig.	2273 MEITRAC III	226	226	2270	2270
Page	138	138	138	138	138

MEITAN Titanium Root Filling Post System

Fig.	MEITAN	WF1	WF103
Page	139	139	139

Instruments à canaux • Strumenti canalari • Root canal instruments

Limes d'après Hedstroem, poignée longue
 Lime di Hedstroem manico lungo
 Hedstrom files with long handle

175

Fig.	Shank	Ref.-No.		6	6	6	6	6	6
			L mm	29,0	29,0	29,0	29,0	29,0	29,0
				0,15	0,20	0,25	0,30	0,35	0,40
175		340 814 653 453		015	020	025	030	035	040

Assortiment, article no 17510 (015-040)
 Assortimento Nr. Art. 17510 (015-040)
 Assortment, Art-No. 17510 (015-040)

176

Fig.	Shank	Ref.-No.		6	6	6	6	6	6
			L mm	22,0	22,0	22,0	22,0	22,0	22,0
				0,15	0,20	0,25	0,30	0,35	0,40
176		340 814 655 453		015	020	025	030	035	040

Assortiment, article no 17610 (015-040)
 Assortimento Nr. Art. 17610 (015-040)
 Assortment, Art-No. 17610 (015-040)

Elargisseur radulaire, inoxydable, „Gates“
 Allargacanalì acciaio inox, „Gates“
 Root canal reamers, stainless, „Gates“

180GR

Fig.	Shank	Ref.-No.		10	10	10	10	10	10
			L mm	19,0	19,0	19,0	19,0	19,0	19,0
180GR	RA XL	330 206 679 336		050	070	090	110	130	150

Assortiment, article no 18001 (050-150)
 Assortimento Nr. Art. 18001 (050-150)
 Assortment, Art-No. 18001 (050-150)

Elargisseur radulaire „B“
 Allargacanalì „B“
 Root canal reamers „B“

182

Fig.	Shank	Ref.-No.		10	10	10	10	10	10
			L mm	16,0	16,0	16,0	16,0	16,0	16,0
182	RA XL	310 206 680 336		090	100	120	140	160	180

Assortiment, article no 18201 (090-180)
 Assortimento Nr. Art. 18201 (090-180)
 Assortment, Art-No. 18201 (090-180)

Elargisseur radulaire, inoxydable, „Peeso“
 Allargacanalì acciaio inox, „Peeso“
 Root canal reamers, stainless, „Peeso“

183LR

Fig.	Shank	Ref.-No.		10	10	10
			L mm	19,0	19,0	19,0
183LR	RA XL	330 206 682 336		070	090	110

Elargisseur radulaire, inoxydable, „Peeso“
 Allargacanalì acciaio inox, „Peeso“
 Root canal reamers, stainless, „Peeso“

183PR

Fig.	Shank	Ref.-No.		10	10	10
			L mm	22,0	22,0	22,0
183PR	RA XL	330 206 708 336		090	100	120

Fraise à chambre pulpaire "Müller", inoxydable
 Frese per camera pulpare Müller acciaio inox
 Pulp chamber burs "Müller", stainless

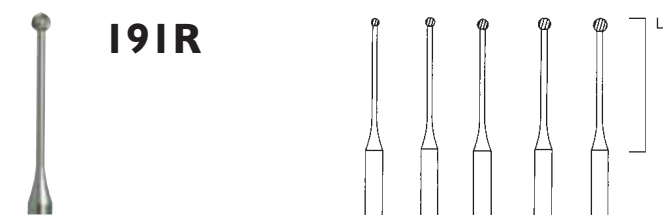


Fig.	Shank	Ref.-No.		10	10	10	10	10
				L mm				
191R	RA XL	330 206 698 001		100	120	140	160	180



Assortiment, article no 19101 (100-180)
 Assortimento Nr. Art. 19101 (100-180)
 Assortment, Art-No. 19101 (100-180)

Elargisseur radriculaire, „Kosel“
 Allargacanalali "Kosel"
 Root canal reamers, "Kosel"

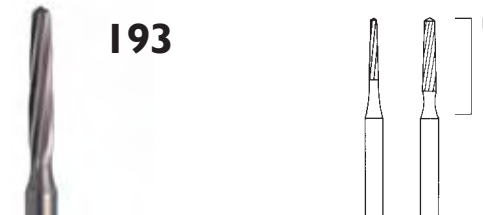


Fig.	Shank	Ref.-No.		10	10
				L mm	
193	HP	310 104 692 006		140	
	RA XL	310 206 692 006		140	180



Alésoir radriculaire
 Frese canalari
 Root canal burs

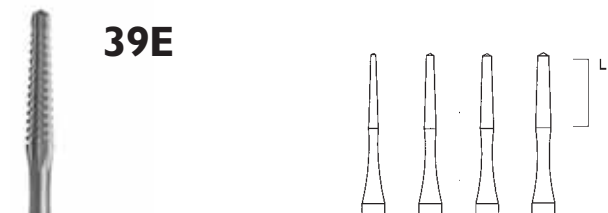


Fig.	Shank	Ref.-No.		10	10	10	10
				L mm			
39E	RA L	310 205 210 002		010	012	014	016
	RA XL	310 206 210 002		010	012	014	016



Fraise chirurgique, cabure
 Frese chirurgiche, tungsteno
 Tungsten carbide surgical cutter



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



Fâce non-diamantée pour soigner la zone cervicale
 Punta non diamantata, per la salvaguardia dell'area cervicale
 Tip not diamond coated, for gentle administration of the cervical area

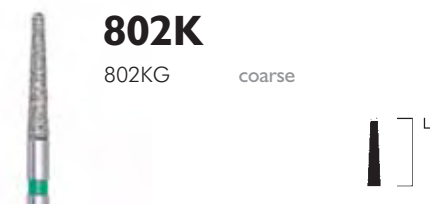


Fig.	Shank	Ref.-No.		5
				L mm
802KG	FG	806 314 551 534		014
	FG L	806 315 551 534		014

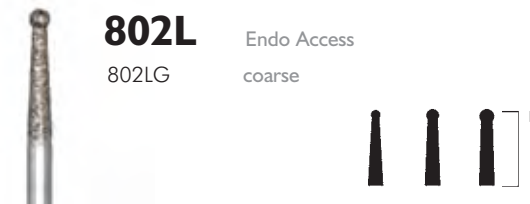


Fig.	Shank	Ref.-No.		5	5	5
				L mm		
802LG	FG	806 314 494 534		012	016	019





Würzburger Stift developed with Prof. Dr. Dipl.-Ing. E.-J. Richter, Dr. Dr. K. Rottner, J. Boldt

Positive Locking Post and Core

Le pivot „Würzburger“ est livrable en 2 versions:

1. Le pivot „Würzburger“ avec meneau conique: Lors de la restauration d'une racine digne d'être conservée avec une couronne single ou lors de la restauration d'un bridge, on peut utiliser la version avec mise en place conique à 6 degrés préformé.
2. Le pivot „Würzburger“ avec tête boule: Cette exécution sert à l'ancrage de prothèses amovibles sur racine digne d'être conservée.

I perni "Würzburger" sono disponibili in due diverse versioni:

1. Perna "Würzburger" con base conica, quando si deve collocare una sola corona su una radice che si deve preservare o si può utilizzare la versione con conicità a sei gradi nel caso si debba sostenere un ponte.
2. Perna "Würzburger" con testa sferica, questa versione serve per il fissaggio di protesi estraibili su radici che si devono preservare.

The Würzburg Post is available in two different versions:

1. **Post-and-core:** To be used for fixed partial dentures. This core offers a preformed six-degree conical abutment which can be individualized at your discretion in analogy to the classic core-buildup.
2. **Ball-end:** This version serves as a reliable attachment for removable dentures utilizing the conventional 2.25 mm ball-ended abutment to be used in connection with your preferred construction elements, offering angular compensation and short leverage.

- L'abutment peut être placé sur la racine naturelle sans implant
 - Vaste indication - innervation des dents même avec forme de racine non favorable
 - Le maximum de sécurité lors de l'utilisation avec moins de défauts d'échantéité et de perforations
 - Efficacité - utilisation rapide et simple par construction d'une seule pièce
 - Haute stabilité - transfert de la puissance sans pointe de tension sur le dentine
-
- Il perno può essere inserito senza impianto, su radice naturale.
 - Ulteriori indicazioni - utilizzabili anche su denti con radici difficili
 - Maggiore sicurezza nell'uso - maggiore tenuta e minor rischio di perforazione.
 - Più efficace - utilizzo semplice e veloce grazie alla struttura monoblocco
 - Alta stabilità - le forze sono trasmesse alla dentina senza picchi di tensione.
-
- The abutment can be placed without an implant on the natural root
 - Wider indications: Teeth with strongly curved root shapes can be used
 - Safer to use: Greatly reduced risk of leakage and perforation
 - More effective: Time-saving and simple application to one-piece construction
 - Increased stability: Highly rigid post transmits forces evenly into dentine

Art.-No. WS60M

Livrable en option: Matrice

Disponibile separatamente: Matrice

Optional available: Fixation for template



Art.-No. MP006



	Abrasis préliminaire Fresa pilot Pilot bur	Abrasis pour élargir fresa ad espansione Undercut bur	Tête à boule Testa sferica Ball end (5 p.)	Cône meneau Base conica Post-and-core (5 p.)	Instruments diamantés Frese diamantate Diamond burs			
Fig.	WS6PB	WS6FB	WS60K*	WS60P*	801	801	837	859
Shank					204	204	204	204
Size					009	014	012	018
Length							6,0	10,0



MEITRAC® Endo Safety Systems

MEITRAC I-III - un système d'instruments endodontique pour la prise précise et l'enlèvement contrôlé et rapide des fragments fracturés du canal radiculaire e.g. instruments à canaux, tenons d'obturation radiculaire, tenons d'argent et radiculaires. Les systèmes sont désignés à enlever des fragments ayant des diamètres de 0,15 à 0,50 mm (MEITRAC I), 0,55 à 0,90 mm (MEITRAC II) ainsi que de 0,95 à 1,50 mm (MEITRAC III).

Meitrac I - III sono sistemi endodontici di sicurezza per una presa sicura e una rimozione veloce e controllata dei frammenti di strumenti rotti all'interno del canale radicolare, come ad es. strumenti canalari, spingipasta, punte d'argento e perni canalari. I tre sistemi sono progettati per la rimozione in sicurezza di frammenti con diametro da 0,15 a 0,50 mm. (Meitrac I) da 0,55 a 0,90 mm. (Meitrac II) e da 0,95 a 1,50 mm. (Meitrac III).

With this endodontic safety-system, broken fragments can be grasped and removed successfully, precisely, and quickly, e.g. root canal instruments, root filling pins, silver points, and root-posts from the root canal. These systems are designed in such a way that fragments with diameters of 0.15 to 0.50 mm (MEITRAC I), 0.55 to 0.90 mm (MEITRAC II), as well as 0.95 to 1.50 mm (MEITRAC III) can be removed safely.



- Un système pour enlèvement sur des fragments du canal radiculaire
- A utiliser pour: instruments à élargir, tenons d'argent, tenons d'obturation radiculaire et tenons radiculaires
- Manutention contrôlée et simple
- Vaste conservation du dent saine par traitement minimal-invasif
- Sistema di uso flessibile, per una rimozione sicura di frammenti dal canale radicolare.
- Utilizzabile per rimuovere strumenti canalari, punte per otturazioni canalari, punte d'argento, spingipasta e perni canalari.
- Facile da controllare e usare
- Preserva il tessuto sano del dente, con un trattamento di scarso impatto invasivo
- Flexible systems for secure removal of fragments from the root-canal
- Deployable in removal of fragments from root-canal instruments, silver points, root-filling pins and root-posts
- Controlled and easy handling
- Allows for minimally invasive procedure to preserve sound dental tissue from being damaged

MEITRAC I Art.-No. 2271

MEITRAC II Art.-No. 2272

MEITRAC III Art.-No. 2273



Trépan
Trapano
Trepine

Tire-fonds
Estrattore
Extractor



Trépan
Trapano
Trepine

Tire-fonds
Estrattore
Extractor



Trépan
Trapano
Trepine

Tire-fonds
Estrattore
Extractor



Fig.	226	2270	2270
Shank	204		
Size	015	030	050

Fig.	226	2270	2270
Shank	204		
Size	021	070	090

Fig.	226	226	2270	2270
Shank	204	205		
Size	120	150	120	150

Un système de tenons d'obturation radiculaire, en titanium • Sistema di punte per otturazione canalare in titanio • Titanium Root Filling Post System



according to Dr. Grabosch

Sécurité maximale en utilisant moins de matériau

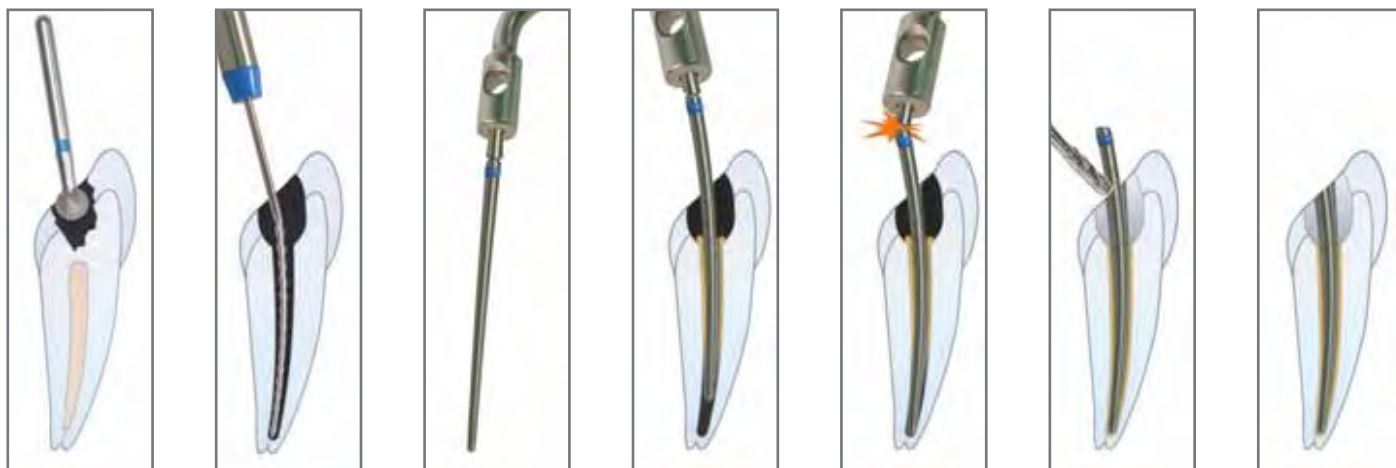
Massima sicurezza con meno materiale

Maximum reliability, less material

Un système de pivot en titanium garantissant une herméticité optimale du canal radiculaire sans obturation radiculaire complémentaire.

Un sistema di punte per l'otturazione canalare in titanio, che garantisce un'ottima chiusura del canale radicolare, senza aggiungere altro materiale di otturazione

This titanium root filling post system seals the root canal optimally without requiring an additional root filling.



- Tenon radiculaire bio-inerte et ostéotrope par sa structure
- Stabilité dimensionnelle
- Utilisation facile
- Allègement du travail énorme
- Mise en place et condensation mécanisées par ultrasons
- Dépose sans problème du tenon pour vérification
- Reduction des complications dues à des dépassements apicaux
- Radioopacité
- Renforcement de racine et de couronne – pas de tenon complémentaire
- Instrumentation réduite

- Punta radicolare bioinerte e osteotropica, biocompatibile
- Stabile dimensionalmente
- Facile da usare
- Riduce considerevolmente il lavoro
- Inserimento e condensazione per vibrazione ultrasonica
- Controllo senza problemi della punta.
- Meno complicazioni conseguenti una condensazione eccessiva
- Radiopaca
- Stabilizza il canale e la corona - non è necessaria una punta addizionale.
- Necessitano solo pochi strumenti

- Bioinert structural-osteotropic root filling post, biocompatible
- Dimensionally stable
- Easy to handle
- Reduces your workload considerably
- Placed with instruments and condensed ultrasonically
- The root post is easily re-examined
- Less complications due to excessive condensing
- Radiopaque
- Stabilizes the root and crown – no additional post and core required
- Few instruments required

MEITAN Art.-No. WF108

WF103
Poignée
Manipolo
Handle



Tenon radiculaire (2 pcs par taille)
Punte canalari (per ogni misura 2 pz.)
Root-filling-posts (2 p. of each size)

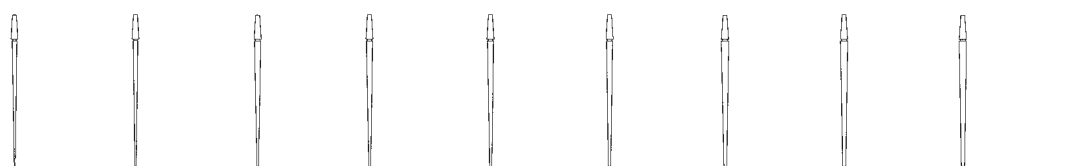


Fig.	WF1*	WF1*	WF1*	WF1*	WF1*	WF1*	WF1*	WF1*	WF1*	WF1*
Size	015	020	025	030	035	040	045	050	055	060
Length	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0

La société MEISINGER propose de multiples instruments variés, spécialement dédiés au domaine de l'orthodontie et permettant d'y exécuter des tâches simplement, rapidement avec des résultats optimaux.

La Meisinger offre un'ampia gamma di strumenti ortodontici speciali. Questi strumenti permettono di ottenere in modo semplice e sicuro ottimi risultati di lavoro in campo ortodontico.

In the the area of orthodontics, MEISINGER offers a variety of different instruments that support many aspects and working needs in Orthodontics.

Instruments d'orthodontie · Strumenti per ortodonzia · Orthodontic instruments



Fig.	HM 21R	HM 23R	HM 47L	HM 48L	314RF	75	79
Page	141	141	141	141	141	141	141



Fig.	9572P	9573P	9546P
Page	141	141	141



Fig.	HM 79G	HM 251G	HM 23GX	HM 251GX	HM 460GX	HM 486GX	HM 487GX	HM 77HX	HM 79HX	HM 251SX	HM 79FF	HM 251FF	HM 79GF	HM 251GF
Page	142	142	142	142	142	142	142	143	143	143	143	143	143	143

Instruments d'orthodontie • Strumenti per ortodonzia • Orthodontic instruments

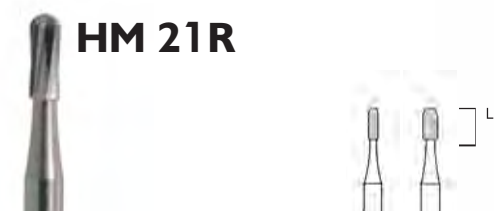


Fig.	Shank	Ref.-No.		5	5
				L mm	4,1 4,9
				US-No.	1158
HM 21R	RA	500 204 137 006		012	018
	FG	500 314 137 006		012	



Fig.	Shank	Ref.-No.		5	5
				L mm	4,1 4,5
				US-No.	1171 1172
HM 23R	RA	500 204 194 006		012	016
	FG	500 314 194 006		012	016

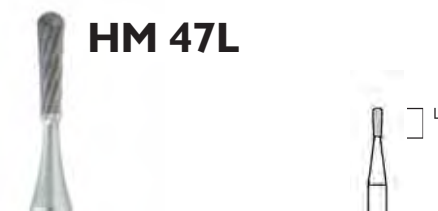


Fig.	Shank	Ref.-No.		5	
				L mm	4,0
				US-No.	7303
HM 47L	RA	500 204 238 072		012	
	FG	500 314 238 072		012	



Fig.	Shank	Ref.-No.		5	
				L mm	8,0
HM 48L	RA	500 204 249 072		012	
	FG	500 314 249 072		012	

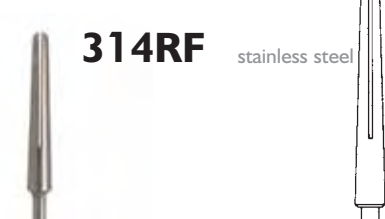


Fig.	Shank	Ref.-No.		5
314RF	HP L	330 105 622 444		042



Mandrin servant de support à une bande de papier de verre
Mandrino per strisce di carta abrasiva
Mandrels for sand-paper strips



Fig.	Shank	Ref.-No.		5	5
				L mm	11,0 12,5
75	HP	310 104 260 171		060	070



Fig.	Shank	Ref.-No.		5	5
				L mm	12,0 12,0
79	HP	310 104 266 171		045	055



Fig.	Shank	Ref.-No.		5	
				L mm	17,0
9572P	HP	658 104 201 534		150	



Polissoir à usage technique gris foncé, moyen
Lucidatore per laboratorio, grigio scuro, grana media
Laboratory polishers, dark grey, medium



Fig.	Shank	Ref.-No.		5	
				L mm	24,0
9573P	HP	658 104 273 534		100	



Polissoir à usage technique gris foncé, moyen
Lucidatore per laboratorio, grigio scuro, grana media
Laboratory polishers, dark grey, medium

9546P



Fig.	Shank	Ref.-No.		5	
				L mm	8,0
9546P	RA	633 204 288 544		055	



Polissoir à crochet servant au lissage de surface
Lucidatore per Bracket, per lucidare le superfici
Bracket polishers, for smoothing surface areas





G

Denture simple, grosse
Taglio standard grosso
Plain cut, coarse



HM 79G

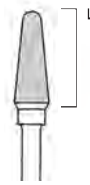


Fig.	Shank	Ref.-No.		2
			L mm	12,7
HM 79G	HP	500 104 194 215		045



HM 251G

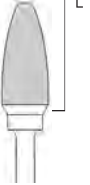


Fig.	Shank	Ref.-No.		2
			L mm	14,7
HM 251G	HP	500 104 274 215		060



GX

Denture croisée, moyenne
Taglio incrociato medio
X-cut, medium



HM 23GX

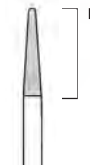
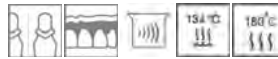


Fig.	Shank	Ref.-No.		2
			L mm	11,5
HM 23GX	HP	500 104 199 190		023



HM 251GX



Fig.	Shank	Ref.-No.		2
			L mm	14,7
HM 251GX	HP	500 104 274 190		060



HM 460GX

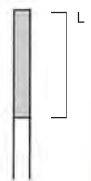


Fig.	Shank	Ref.-No.		2
			L mm	14,0
HM 460GX	HP	500 104 116 190		023



HM 486GX



Fig.	Shank	Ref.-No.		2
			L mm	14,0
HM 486GX	HP	500 104 137 190		023



HM 487GX

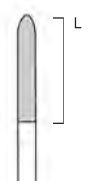


Fig.	Shank	Ref.-No.		2
			L mm	14,0
HM 487GX	HP	500 104 292 190		023





HX

Denture croisée, grosse
Taglio incrociato grosso
X-cut, coarse



HM 77HX

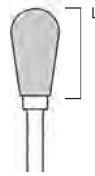


Fig.	Shank	Ref.-No.		2
				L mm 11,7
HM 77HX	HP	500 104 237 220		060



HM 79HX

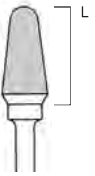


Fig.	Shank	Ref.-No.		2
				L mm 12,7
HM 79HX	HP	500 104 194 220		060



SX

Denture croisée, super grosse
Taglio incrociato super grosso
X-cut, super coarse



HM 251SX

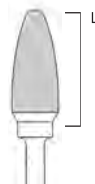


Fig.	Shank	Ref.-No.		2
				L mm 14,7
HM 251SX	HP	500 104 274 224		060



FF

Denture facette surtaillée, grosse
Taglio sfaccettato ed incrociato fine
Faceted toothing with cross cut, fine



HM 79FF

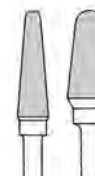
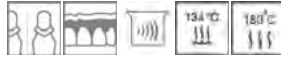


Fig.	Shank	Ref.-No.		2	2
				L mm 14,2	11,4
HM 79FF	HP	500 104 194 181		040	060



HM 251FF

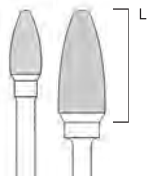
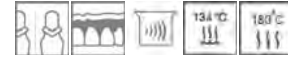


Fig.	Shank	Ref.-No.		2	2
				L mm 9,3	14,7
HM 251FF	HP	500 104 274 181		040	060



GF

Denture facette surtaillée, fine
Taglio sfaccettato ed incrociato grosso
Faceted toothing with cross cut, coarse



HM 79GF

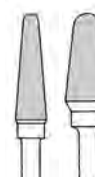


Fig.	Shank	Ref.-No.		2	2
				L mm 14,2	11,4
HM 79GF	HP	500 104 194 182		040	060



HM 251GF

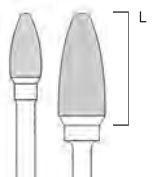
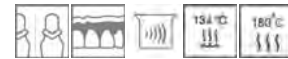


Fig.	Shank	Ref.-No.		2	2
				L mm 9,3	14,7
HM 251GF	HP	500 104 274 182		040	060



La ligne de produits Bone Management® de MEISINGER mise au point en coopération avec d'éminents scientifiques et praticiens offre des solutions parfaitement adaptées les unes aux autres permettant l'optimisation contrôlée du lit implantaire osseux, quel que soit le système d'implant utilisé. Hormis les aspects prothétiques, le caractère peu effractif ou „mini-invasif“ de l'intervention chirurgicale et la simplification de l'implantation même en présence d'indications délicates se situent au premier plan des préoccupations. La procédure transparente et systématique s'appliquant à tous les systèmes permet à un groupe d'utilisateurs nettement plus grand que jusqu'à présent de réaliser une restauration implantaire sûre. Du fait de la préparation de l'os effectuée en douceur sous contrôle, la série Bone Management® de l'os s'avère ainsi la condition indispensable à une implantation réussie et durable.

La linea di prodotti Meisinger Bone Management® sviluppata in collaborazione con ricercatori e dentisti leader nel settore, offre all'utente una gamma di soluzioni specificamente create per la preparazione del sito implantare, indipendentemente dal tipo di impianto utilizzato. Gli obiettivi primari nello sviluppo di questa linea di prodotti Meisinger sono la minima invasività e la semplificazione dell'inserimento dell'impianto, anche in condizioni particolarmente complesse. Gli strumenti che compongono i set Bone Management® sono sicuri e semplici da usare e offrono ad un numero sempre maggiore di professionisti rispetto al passato la possibilità di eseguire nel proprio studio privato interventi chirurgici di preparazione per l'implantologia. Il Bone Management® consente una preparazione dell'osso controllata ed atraumatica, il presupposto base per un successo di lungo termine in implantologia orale.

In cooperation with leading scientists and practitioners the developed product line, MEISINGER Bone Management®, offers the user a perfectly harmonised aligned system solution which, completely independent from the current implant system in use, provides a controlled optimisation of the bone implant bed. Besides the prosthetic aspects, achieving a minimally invasive character of the surgical intervention and facilitating the implantation in complicated indications played an important role in the development process of this product line. Clearly structured and standardised procedures now offer a greater number of surgeons, safe means to realize the implant care on patients. Bone Management® – by means of controlled and sensitive bone preparation – is a key factor for long-term success in oral implantology.

Root Extraction

	ApEx-Control	ApEx-Control Professional	Benex®-Control	Benex®-Control Professional
Page	146	146	147	147

Bone Spreading

	Split-Control 12 mm	Split-Control 15 mm	Split-Control Professional	Split-Control Plus	Crest-Control	Crest-Control Professional	Horizontal-Control	Horizontal-Control Plus
Page	148	148	149	149	150	150	151	151

Bonegraft

	Harvest-Control
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Bone Transfer

	Transfer-Control	Transfer-Ring-Control	Transfer-Control Plus	Transfer-Control Professional	Screw System	Screw System Professional	MEITAC
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Sinuslift

	Balloon-Lift-Control	Internal-Lift-Control	External-Lift-Control
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Distraction

	Tunnel-Control
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More information:
www.bone-management.com





Accessoires de la série Bone Management® • Accessori Bone Management® • Bone Management® Accessories

	3D-Navigation-Control	3D-Navigation-Control Professional	Guided-Drill-Control	Interim-Control / Fix-Control	Easy-Handling-Abutments	Ratchets	Universal Driver Kit	Micro-surgical Instruments
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Foret d'amorce
Fresa iniziale
Initial bur



Fig. I86RF
Page 166

Fraise pilote · Frese Pilot · Pilot burs



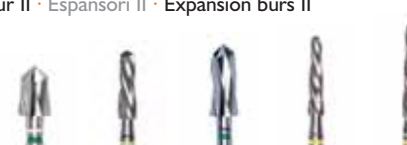
L mm L=7 mm L=10 mm L=11 mm L=12 mm L=15 mm L=18 mm
Page 166 166 166 166 166 166 166

Elargisseur I · Espansori I · Expansion burs I



L mm L=7 mm L=10 mm L=11 mm L=12 mm L=15 mm
Page 167 167 167 167 167

Elargisseur II · Espansori II · Expansion burs II



L mm L=7 mm L=10 mm L=11 mm L=12 mm L=15 mm
Page 167 168 168 168 168

Ecarteur · Spreader · Spreader



L mm L=7 mm L=10 mm L=11 mm L=12 mm L=15 mm
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Élément porteur
Carrier
Carrier



Fig. CA00G CA0KG CAG0G CAGKG CA00S UG00W SW150
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Rallonges de fraise
Estensori per frese
Drill extensions



Fig. BV026 BV027 BV028
Page 170 170 170

Adaptateur de clés à cliquet
Adattatori per cricchetto
Adapter for ratchets



Fig. CA4RA CA5RA CA1RB CA0RB CA8RA CA9RA
Page 170 170 171 171 171 171

Adaptateur de clé dynamométrique
Adattatori per cricchetto dinamometrico universale
Adapter for Universal Torque Ratchet



Fig. CA1RA CA2RA CA3RA
Page 171 171 171

ApEx-Control

Root Extraction System, developed with Dr. Guse, MSc.

Le système d'extraction radiculaire ApEx-Control / ApEx-Control sert à enlever les restes de racine dentaire très endommagés selon une méthode simple, sûre et douce. En comparaison avec l'extraction radiculaire classique par voie opératoire où la gencive est repoussée sur le côté et la précieuse crête des procès alvéolaire est affaiblie par fraisage, des détériorations de tissus mous et durs ne surviennent plus guère lors du procédé ApEx-Control. Des douleurs ou enflures ne sont pas à craindre pour ainsi dire et la cicatrisation est bien plus rapide.

Con ApEx-Control / ApEx-Control Professional si rimuovono frammenti di radici gravemente danneggiate in modo sicuro e semplice. Con l'ApEx-Control raramente si danneggiano tessuti molli e duri, rispetto alla tecnica convenzionale per l'estrazione di radici, dove si sposta a lato la gengiva, oppure si indebolisce l'alveolo in seguito alla fresatura. Dolore e gonfiori sono minimizzati e la fase di guarigione è drasticamente ridotta.

With ApEx-Control / ApEx-Control Professional, severely damaged dental roots can be safely removed easily and gently. In comparison to conventional surgical root-extraction where the gums are moved aside, as well as the useful crestal alveolar weaken from milling, soft and hardend tissue damage rarely occurs with the ApEx-Control. Pain or swelling is measurably less and the healing phase is drastically shortened.



© Dr. Corsten Guse, MSc.



Art.-No. BAPO0

ApEx-Control Professional

Root Extraction System, developed with Dr. Guse, MSc



© Dr. Corsten Guse, MSc.



Art.-No. BAPPR



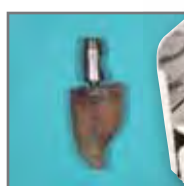
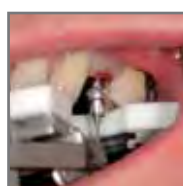
Benex®-Control

Root Extraction System, developed with Dr. Syfrig

Le système d'extraction radiculaire Benex®-Control / Benex®-Control Professional se prête parfaitement à l'extraction de racines dentaires et de fragments radiculaires, lorsqu'il n'est plus possible de les retirer à l'aide d'une pince selon la méthode usuelle. De par la construction novatrice de l'extracteur, la racine peut être enlevée très facilement sous un contrôle excellent sans altérer l'os.

Il Benex®-Control / Benex®-Control Professional (Sistema per estrazioni radicolari) consentono l'estrazione di radici dentali e di frammenti di radici, quando un'estrazione tradizionale con le pinze risulta impossibile. Grazie alla forma innovativa dell'estrattore, la radice può essere estratta molto facilmente ed in modo controllato, senza causare lesioni dell'osso, né dell'alveolo.

Benex®-Control / Benex®-Control Professional (Root Extraction System) are ideally suited for the extraction of roots and root fragments. Due to the innovative construction of the extractor, the root can be removed very easily and in an extremely controlled manner without causing injury to the bone.



© Dr. Benno Syfrig



Art.-No. BBE00

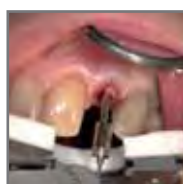
Benex®-Control Professional

Root Extraction System, developed with Dr. Syfrig

Pour optimiser la transmission de la force verticale, il convient de prévoir un plan rectangulaire servant d'appui à l'extracteur. Le support en quart de cercle a été récemment mis au point à cette fin.

Per ottimizzare la trasmissione verticale della forza è importante che l'angolo di contatto, rispetto alla superficie sia retto. Il nuovo supporto a quadrante consente di posizionare l'estrattore su una superficie ad angolo retto.

The best possible vertical transmission of power requires the existence of a right-angled plane to rest the extractor on. The newly developed quadrant support offers such a right-angled plane for positioning the extractor.



© Dr. Benno Syfrig



Art.-No. BBEPR



Split-Control 12 mm

Bone Spreading and Condensing System

Les systèmes d'expansion et de condensation osseuses Split-Control 12 mm / Split-Control 15 mm constituent une alternative peu effractive (ou mini-invasive) au maillet et au burin. Du fait de l'expansion et de la condensation osseuses, réalisables à l'aide d'instruments spéciaux (écarteurs) en forme de vis non coupants, il est possible d'étirer l'os résorbé à l'horizontale sous contrôle et de condenser en douceur l'os spongieux.

Gli Split-Control 12 mm. / Split-Control 15 mm. sono un'alternativa poco invasiva al martello e all'osteotomo. Per mezzo della condensazione e della dilatazione dell'osso con gli strumenti elicoidali (spreader) si possono dilatare in modo controllato ossa con atrofia orizzontale e condensare delicatamente ossa spugnose.

Split-Control 12 mm / Split-Control 15 mm are the minimally invasive alternative to osteotomes. Bone Spreading and Bone Condensing with special non-cutting screw like instruments (spreaders) achieve a controlled and standardised dilatation of horizontally resorbed bone and a gentle densification of cancellous bone.



© Dr. Boyer & Drs. Kistler



Art.-No. BSP12

Split-Control 15 mm

Bone Spreading and Condensing System



Art.-No. BSP15



Split-Control Professional

Bone Spreading and Condensing System, developed with Dr. Dr. Bonsmann

Pour pouvoir satisfaire les indications spécifiques d'une manière encore plus ciblée, le coffret Split-Control Professional renferme de multiples autres instruments et une gamme plus large d'écarteurs de diverses tailles que les systèmes de base Split-Control.

Per essere in grado di rispondere in modo più preciso ad indicazioni specifiche, il set Split-Control Professional contiene un'ampia selezione di strumenti ed una gamma di spreaders maggiore rispetto ai set standard Split-Control.

To be able to respond more precisely in specific indications, the Split-Control Professional kit contains a wider range of instruments and a more comprehensive range of spreaders than are available in the standard Split Control kit.



Art.-No. BSPPR

Split-Control Plus

Combined Bone Spreading and Condensing System

Split-Control 15 mm + Crest-Control + Ratchet CARA1



Art.-No. BSPLL

Crest-Control

Horizontal Bone Spreading System

Le système d'expansion osseuse horizontale Crest-Control permet l'élargissement horizontal, prédéfinissable et peu invasif de la crête maxillaire, notamment dans la zone distale de la mandibule. Le tout nouvel écarteur horizontal permet d'élargir facilement et rapidement la crête maxillaire jusqu'à 5 mm.

Il Crest-Control è un sistema per la dilatazione orizzontale della cresta e consente un allargamento predeterminato e poco invasivo della mandibola distale. Con il distrattore orizzontale rinnovato, si può dilatare la cresta di un massimo di 5 mm. in modo semplice e rapido.

Crest-Control is a Horizontal Bone Spreading System which allows for the predetermined and minimal invasive horizontal widening of the alveolar ridge in particular in the distal lower jaw. With the completely new horizontal spreader the alveolar ridge can be expanded up to a maximum of 5 mm.



Art.-No. BCR00

Crest-Control Professional

Horizontal Bone Spreading System



© Dr. Thilo Bartels



Art.-No. BCRPR



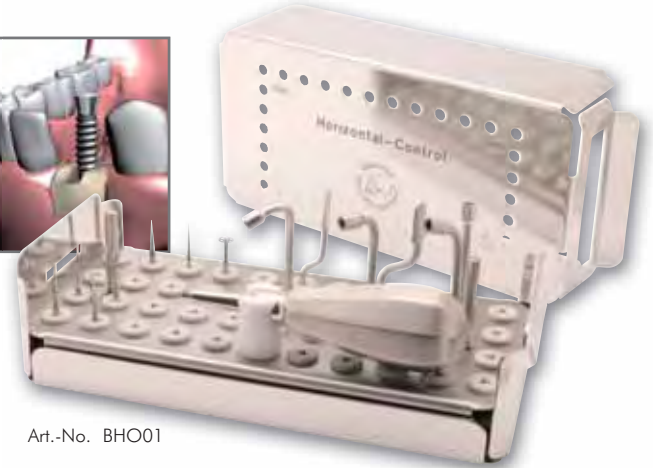
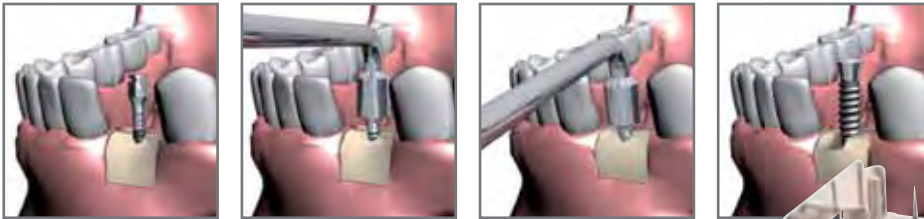
Horizontal-Control

Axial Angle Adjustment System

Le système d'ajustement d'angle axial Horizontal-Control est pourvu d'instruments spéciaux inédits qui permettent d'élargir la crête notamment de la mandibule en combinaison avec les écarteurs du système Split-Control selon une procédure simple et peu invasive. Ce procédé repose sur la modulation angulaire de l'axe d'implantation prédéterminé par la masse osseuse existante moyennant le redressement et le déplacement de la plaque corticale ainsi que la condensation simultanée du tissu osseux.

Horizontal-Control è un sistema per l'adattamento dell'angolo assiale, che con i suoi strumenti innovativi e unici, utilizzati insieme agli spreader del sistema Split-Control, permette l'espansione della cresta, in particolar modo della mascella inferiore, in modo poco invasivo e semplice. Questo è possibile grazie ad una modulazione dell'angolo assiale dell'impianto, utilizzando l'osso esistente per sollevare e spostare la lamina corticale, condensando contemporaneamente la struttura ossea.

Horizontal-Control is an Axial Angle Adjustment System that, with its completely new and unique instruments and in combination with the spreader from the Split-Control system, enables a simple and minimally invasive ridge widening. This is achieved due to the angle modulation of the implant axis given by the actual bone supply by erecting and displacing the cortical plate, and at the same time condensing the bone structure. In this way, the mandible can be optimally prepared for the use of all current implant systems.



Art.-No. BHO01

Horizontal-Control Plus

Combined Axial Angle Adjustment System

Horizontal-Control + Split-Control + Ratchet CARA1



Art.-No. BHOPL1





Harvest-Control

developed with Dr. Bauer, Dr. Dr. Heuckmann, Prof. Dr. Benner

Peu invasif, très fiable et extrêmement facile à assimiler, le procédé Harvest-Control est appliqué pour prélever de la substance osseuse autologue sur tous les sites donneurs intraoraux. La sélection des composants de récolte appropriés permet à l'utilisateur d'extraire un volume osseux bien défini.

Il sistema Harvest-Control è un procedimento atraumatico, molto sicuro e facile da utilizzare per recuperare materiale osseo autologo da tutte le zone di donazione intraorali. Scegliendo gli strumenti adatti al prelievo, l'utilizzatore può ottenere il volume osseo desiderato.

Harvest-Control is a minimally invasive, very safe and extremely easy, method for retrieving autologous bone material from all intra-oral donor regions. By choice of the suitable harvest components the user can gain a defined osseous volume.



© Dr. Florian Bauer



Art.-No. BHA00



Transfer-Control

Bone Replacing System

Approprié à tous les types usuels d'implant dentaire, ce système de greffe osseuse permet une transplantation très précise et normalisée des cylindres osseux. Les différentes fraises sont disponibles dans trois diamètres et elles sont alors adaptées l'une à l'autre de manière que les diamètres externes des fraises de site osseux et les diamètres des fraises boules correspondent aux diamètres internes du trépan. Il est ainsi souvent possible de parvenir à un ajustement bien serré dès l'insertion du cylindre osseux, pouvant être renforcé par des vis de fixation livrables séparément, le cas échéant. Des cylindres osseux greffés avec un telle précision se traduisent par un lit osseux propice à l'implantation dentaire au bout de 3 à 4 mois du fait de la revitalisation et la cicatrisation plus rapides.

Il sistema per il "trapianto osseo" è adatto ad ogni tipo di impianto e consente un trapianto preciso del cilindro osseo standardizzato. I diversi tipi di strumenti sono disponibili in tre gruppi distinti di diametro, compatibili tra loro. I diametri esterni delle frese e delle ruote coincidono perfettamente con il diametro interno delle frese carotatrici. Questo consente un inserimento "a pressione" del cilindro osseo nel sito ricevente, che sarà poi fissato con viti speciali (in vendita a parte). Un innesto osseo trapiantato con tale precisione accelera il processo di guarigione e vitalizzazione, ed il sito sarà pronto a ricevere l'impianto nell'arco di 3 - 4 mesi

This Bone Replacing System, suitable for use with all current dental implant systems, permits precise and standardised transplantation of autogenous bone cylinders. Different types of bone burs are available according to three groups of diameters. Within each group the instruments are adapted to each other so that the outer diameter of the ablative bur or the diameter of the wheel cutter correlates with the inner diameter of the trephine. A press fit is often produced between the cylindrical bone autograft and the prepared recipient site. The bone cylinder can then be strengthened with a fixation screw (sold separately). Such precise fitting of autografts lead to accelerated bone revitalisation and wound-healing, thus creating a perfect site for dental implantation within 3 to 4 months.



Art.-No. BTR00

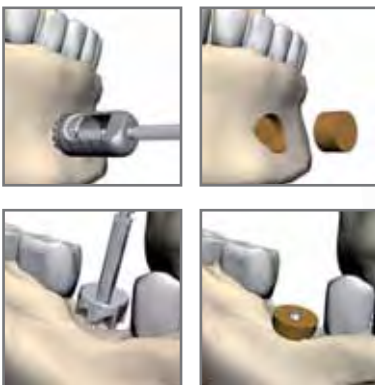
Transfer-Ring-Control

Advanced Bone Replacing System

La condition la plus importante pour assurer la cicatrisation d'un greffon osseux réside dans un site receveur adéquat et avivé. Le système de greffe osseuse Transfer-Ring-Control permet de remplir cette condition préalable à la cicatrisation de transplantations osseuses par apposition verticale d'une façon simple et contrôlée, notamment en réduisant nettement la durée de l'intervention. Le système de vis de réglage Bone Management® Set Screw System (n° de référence BSR00) complète parfaitement le système de transplantation Transfer-Ring-Control.

La premessa più importante per la guarigione di un trapianto osseo è la superficie vitale e adeguata del sito ricevente. Il set Transfer-Ring-Control crea le condizioni ottimali per la guarigione di innesti ossei verticali, in modo semplice e controllato - si riducono notevolmente i tempi dell'operazione. I set Bone Management® Screw System (nr. art. BSR00) e Screw System Professional (nr. art. BSRPR) sono un completamento ideale per il set Transfer-Ring-Control.

The most important condition for a safe healing of an osseous graft is a congruent and fresh contact surface of the implant area. The Transfer-Ring-Control system allows this precondition for the healing of vertical bone grafts in a simple and controlled manner - while at the same time reducing surgical time considerably. The Bone Management® set Screw System (order no. BSR00) is the ideal complement to the Transfer-Ring-Control.

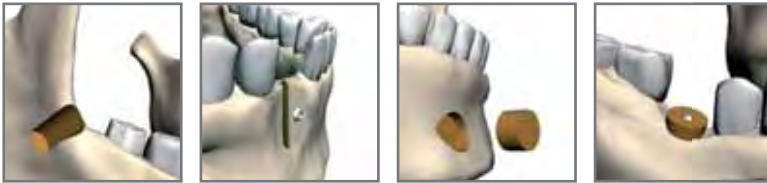


Art.-No. BTRRI

Transfer-Control Plus

Combined Bone Replacing System

Transfer-Control + Transfer-Ring-Control + Saw Basic Kit



Art.-No. BTRPL

Transfer-Control Professional

Bone Replacing System, developed with PD Dr. Dr. Draenert



Art.-No. BTRPR

Screw System

Bone Fixation

Utilisable à des fins multiples, le système de vis de MEISINGER sert à fixer simplement des segments osseux en toute sécurité pour favoriser ainsi le processus de cicatrisation en présence de greffons apposés horizontalement ou verticalement.

Lo Screw-System MEISINGER è un sistema universale di viti per un fissaggio semplice e sicuro di segmenti ossei, ad esempio per gli aumenti ossei verticali ed orizzontali.

The MEISINGER Screw System is an all purpose screw system for easy and safe fixation of bone segments e.g. for horizontal or vertical augmentative grafts.

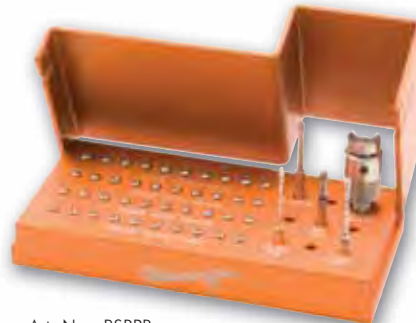


Art.-No. BSR00



Screw System Professional

Bone Fixation



Art.-No. BSRPR

Art.-No. HSR01

Livrabile en option : tournevis
Acquistabile separatamente - porta-viti
Optional available: Screwholder



MEITAC

Membrane Fixation

Polyvalent, le système de fixation membranaire MEITAC de MEISINGER sert à fixer facilement les extrémités apicales de la membrane en toute sécurité à l'os in situ pour éviter la micromobilité de la membrane. Il se compose de punaises (tacs) fabriquées en titane pur. Le manche spécial permet de manipuler ces punaises facilement d'une manière contrôlée pour les mettre en place ensuite avec précision en toute sécurité. Le coffret de cet assortiment comprend en plus 4 instruments diamantés et un foret d'amorce pour tige de contre-angle (W).

Il sistema MEITAC MEISINGER è un sistema applicabile universalmente per fissare in modo facile e sicuro la membrana apicale alla struttura ossea, per prevenire la micromobilità. I chiodini sono in titanio puro. Questi chiodini si inseriscono e si posizionano in modo semplice utilizzando lo speciale manipolo. Nell'assortimento ci sono anche 4 frese diamantate ed una fresa iniziale per contrangolo (W).

MEISINGER's MEITAC system is a universally applicable system for easily and securely bonding apical membranes to the bone structure at the site to prevent micromobility of the membrane. It consists of pure titanium tacs. These tacs are easily picked up and accurately positioned using the special handle supplied. In addition, the assortment includes 4 diamond pieces and an initial bur for right angle hand pieces (RA).



Art.-No. MT001

Art.-No. MTAB0



Art.-No. HMT01

Livrabile en option : support de punaises
Acquistabile separatamente supporto porta- chiodini
Optional available: Tac Holder

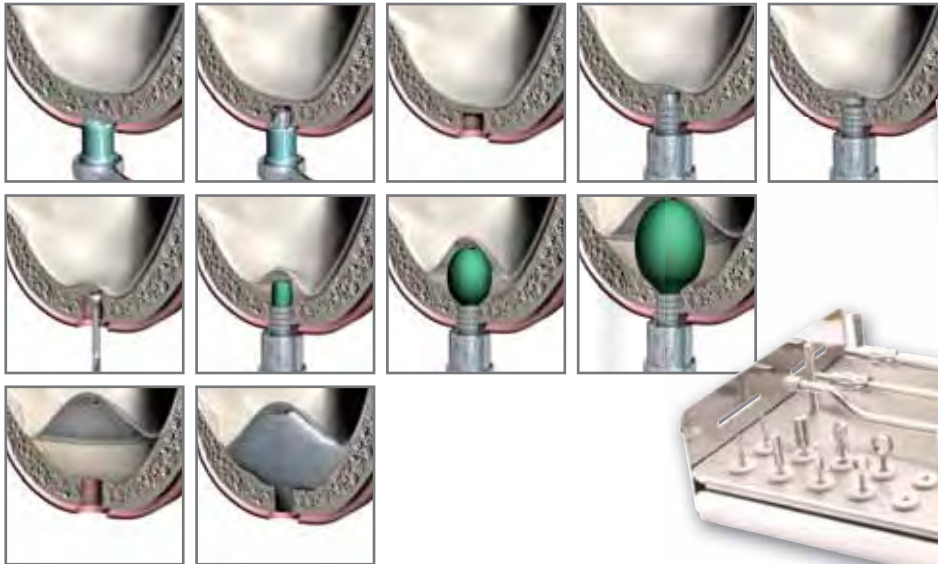
Balloon-Lift-Control

Balloon-Assisted Sinus Floor Elevation, developed with Prof. Dr. Benner, Dr. Dr. Heuckmann, Dr. Bauer

Peu invasif, très fiable et extrêmement facile à assimiler, le système de soulèvement muqueux à ballonnet Balloon-Lift-Control (BLC) permet de décoller la muqueuse du sinus maxillaire dans un souci de pré-élargissement. Indépendamment de la hauteur du plancher sinusien osseux, la muqueuse peut être soulevée de plus de 10 mm.

Il Balloon-Lift-Control (BLC) è un sistema a basso livello invasivo e facile da apprendere, utilizzato per il distacco ed il sollevamento della mucosa del seno mascellare. Indipendentemente dallo spessore osseo verticale del pavimento sinoidale, la mucosa può essere sollevata più di 10 mm.

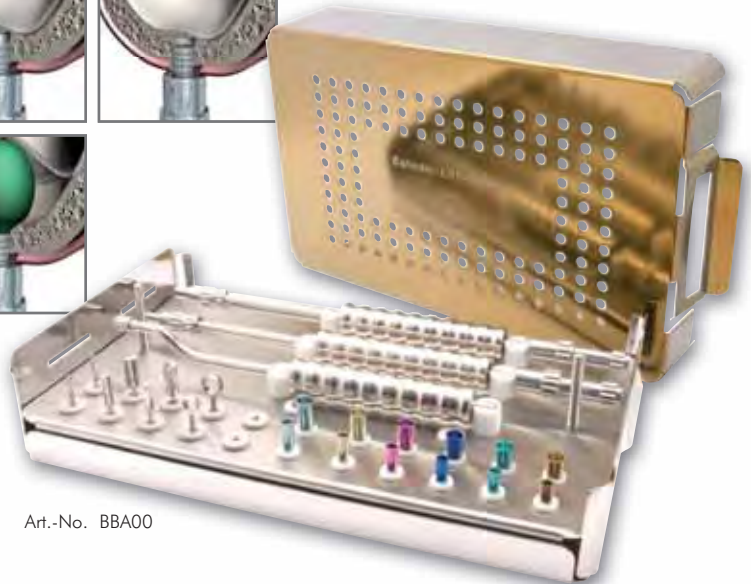
Balloon-Lift-Control (BLC) is a very safe procedure used for the pre-augmentative stripping of the maxillary sinus mucosa. It is minimally invasive. Independently of the vertical height of the osseous sinus floor, the mucosa can be lifted by more than 10 mm.



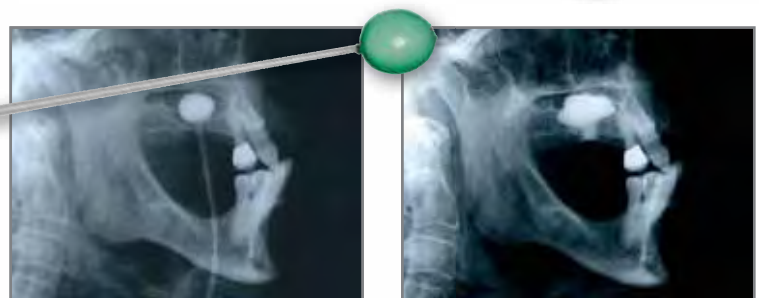
© Dr. Mario Kristle, MSc.



Art.-No. BLCOK
 Livrable en option : cathéter à ballonnet
 Acquistabile separatamente - catetere con palloncino
 Optional available: Balloon expander



Art.-No. BBA00



Internal-Lift-Control

Le système Internal-Lift-Control est un système servant au soulèvement interne du sinus, où l'os se trouvant sur le site d'implantation est refoulé vers le haut en direction du sinus maxillaire.

Internal-Lift-Control è un sistema per il sollevamento interno del seno mascellare, per mezzo del quale l'osso del sito dell'impianto viene spinto in alto, in direzione del seno mascellare.

Internal-Lift-Control is a system for carrying out an internal sinuslift in which the bone of the implant site is suppressed upwards in direction of the maxillary sinus.



Art.-No. BSL00



External-Lift-Control

developed with Dr. Dr. Bonsmann

Le système External-Lift-Control est un système servant au soulèvement externe du sinus, où la mince paroi latérale du sinus maxillaire est dégagée après avoir rabattu la gencive.

External-Lift-Control è un sistema per il sollevamento del seno mascellare esterno, per mezzo del quale, sollevando la gengiva, le pareti esterne sottili del seno mascellare vengono scoperte.

External-Lift-Control is a system for achieving the external sinuslift in which the lateral thin maxillary sinus wall is exposed by folding back the gum.



Art.-No. BTL00



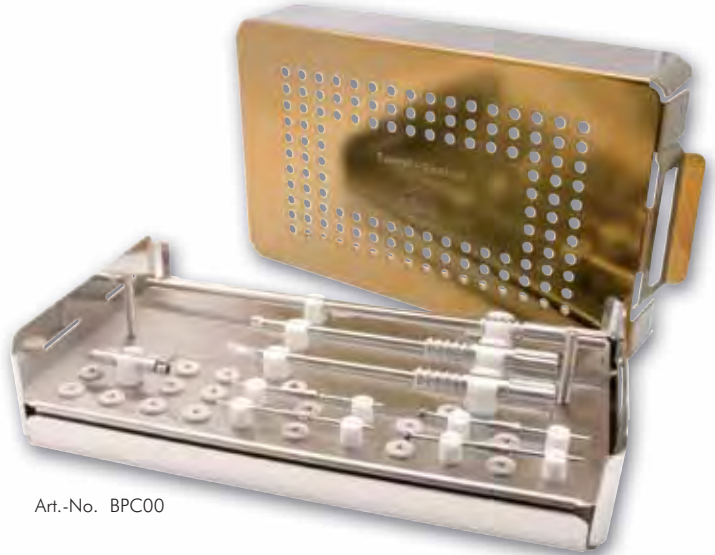
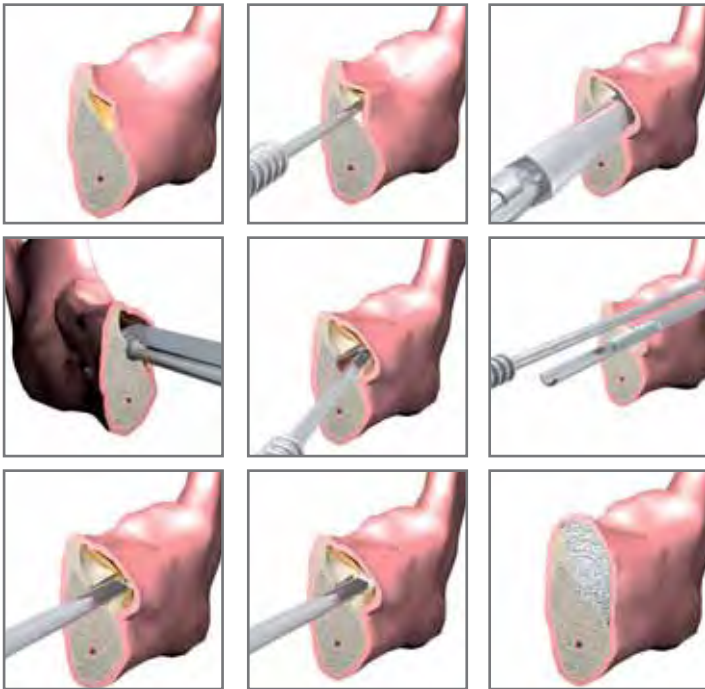
Tunnel-Control

developed with Dr. Dr. Heuckmann, Dr. Memari

Peu invasif, le système Tunnel-Control est doté d'instruments spéciaux permettant la tunnélisation sous-périostée. Le but de cette technique vise à la formation de tissu osseux tant verticale qu'horizontale. La situation initiale présente une mandibule ou aussi un maxillaire supérieur, fortement atrophiés en „arête de couteau“, devant être préparés en vue de l'insertion d'un implant couramment commercialisé.

Il Tunnel-Control è un sistema poco invasivo composto da strumenti speciali per scavare il periost. Lo scopo di questa procedura è l'aumento osseo sia verticale che orizzontale. La situazione di partenza è un osso mascellare o mandibolare severamente atrofizzato, che necessita di preparazione per poter inserire qualsiasi tipo di impianto presente sul mercato.

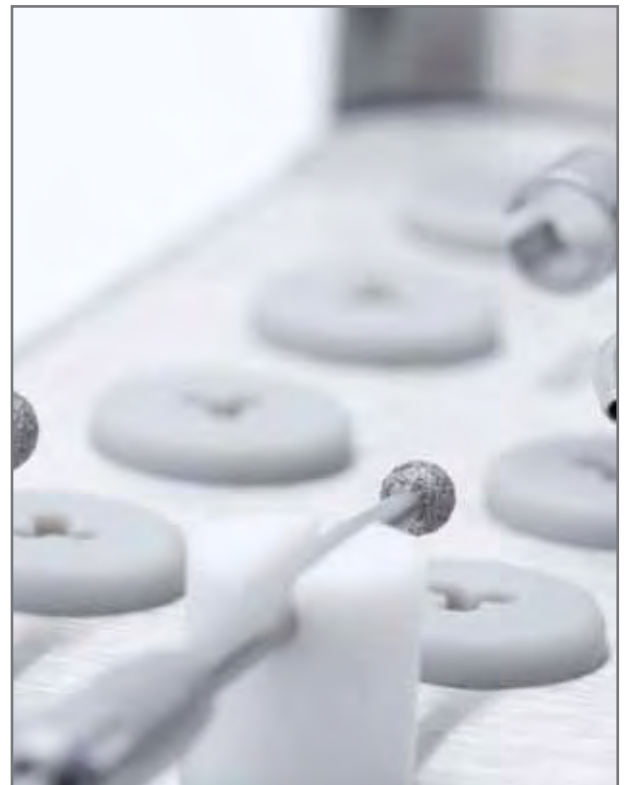
Tunnel-Control is a minimally invasive system with special instruments for tunnelling the periost. The purpose of this procedure is for the vertical as well as the horizontal osseous construction. Initial situation is an acute atrophied lower and upper jaw (Knife Edge) which should be prepared for inserting any implant currently on the market.



Art.-No. BPC00



© Dr. Dr. Karl-Heinz Heuckmann



Art.-No. BSV11

Livrabile en option : dispositif de sécurité de perforation pour pièce à main chirurgicale S9
Acquistabile separatamente: proteggi frese per manipolo S9
Optional available: Drilling device for surgical handpiece S9



Art.-No. S9

Livrabile en option : pièce à main chirurgicale
Acquistabile separatamente: manipolo chirurgico
Optional available: Surgical handpiece

3D-Navigation-Control

developed with Dr. Nickenig

Après l'application de procédés d'imagerie tridimensionnels (par ex. tomographie volumique numérisée (DVT), tomographie assistée par ordinateur (CT)) et la planification virtuelle de la position de l'implant dans un logiciel de planification, des systèmes de douille de guidage exacts sont requis pour élaborer des modèles de guidage en 3D (en cas de navigation statique) permettant de diriger les fraises dans l'axe de l'implant planifié virtuellement durant l'intervention d'implantation. Le système de douilles de guidage 3D-Navigation-Control se prête à l'emploi de tous les types d'implant usuels (et programmes de planification) et il permet d'utiliser des modèles de guidage même en présence de molaires très serrées. Les exigences spéciales quant à l'instrumentation d'une chirurgie sans lambeau sont tout autant prises en considération que la fixation (optionnelle) du modèle de guidage au moyen de l'outil 3D-Fixation Kit. Prévu pour servir au laboratoire, le module 3D-Laboratory Kit donne la possibilité au prothésiste de positionner exactement les douilles sur le modèle.

Dopo aver effettuato un processo di visualizzazione tridimensionale come ad es. la tomografia volumetrica digitale (DVT) o la tomografia digitalizzata (CT) e dopo la pianificazione virtuale della posizione dell'impianto, usando un software di pianificazione, sono richiesti precisi sistemi di guida a manicotto, per produrre i modelli guida 3D chirurgici (in navigazione statica). Durante la chirurgia implantare questo sistema assicura una guida per le frese implantari in asse con l'impianto pianificato virtualmente. Il 3D-Navigation-Control è un sistema di guide a manicotto ideale per tutti i tipi di impianto (e programmi di pianificazione) più conosciuti e consente l'utilizzo di modelli di guida chirurgici, anche in situazioni di difficile accesso, come nella zona dei molari. Si tiene in ogni caso conto delle esigenze di strumentazioni speciali per la chirurgia "Flapless" come il fissaggio (opzionale) del modello di guida chirurgica mediante il Kit 3D-Fixation. Grazie al Kit 3D-Laboratory l'odontotecnico ha la possibilità di installare i manicotti nel modello in modo molto preciso.

After the use of three-dimensional imaging procedures (e.g. digital volume tomography (DVT), computer tomography (CT)) and after the virtual planning of the implant position using a planning software, precise guide sleeve systems are required to produce the 3D surgical guide templates (using static navigation); during implant surgery, these systems ensure the guiding of the implant cutter in the axis of the virtually planned implant. The 3D-Navigation-Control is a guide sleeve system that is suitable for all commonly used implant systems (and planning programs) and permits the use of surgical guide templates even in tight molar situations. The special tool requirements of flapless surgery are taken into account as much as the (optional) fixing of the surgical guide template via a 3D-Fixation Kit. Equipped with the 3D-Laboratory Kit, the dental technician is able to accurately install the sleeves in the template.



© Dr. Hans-Joachim Nickenig



Art.-No. BNA00



3D-Navigation-Control Professional

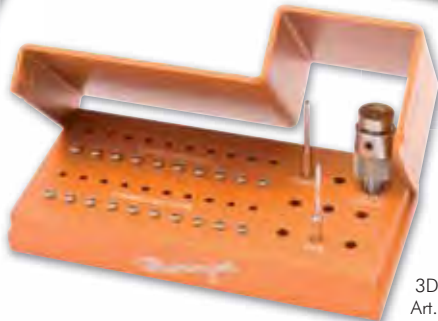
developed with Dr. Nickenig



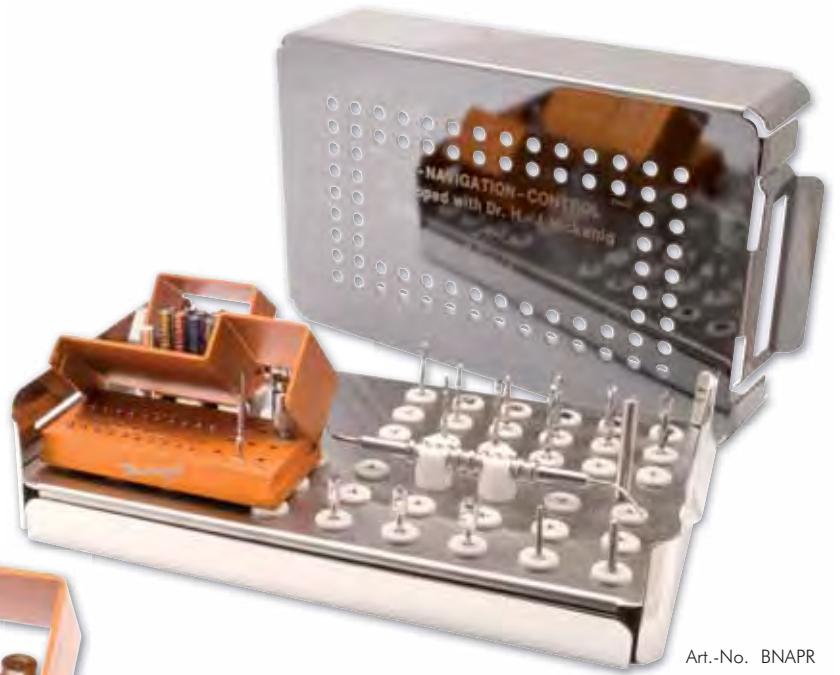
© Dr. Hans-Joachim Nickenig



3D-Laboratory Kit
Art.-No. BNLOO



3D-Fixation Kit
Art.-No. BNT00



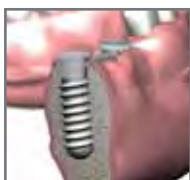
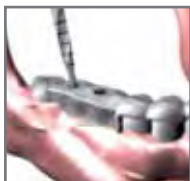
Art.-No. BNAPR

Guided-Drill-Control

Alternative simple aux systèmes courants à tubes coaxiaux, le système de forage guidé Guided-Drill-Control consiste à planifier et à établir un modèle de forage dans le laboratoire dentaire après avoir réalisé une imagerie tridimensionnelle (DVT / CT) en vue d'un forage pilote sûr, imminent. La mise en place de la douille de forage se déroule facilement et rapidement au moyen des forets parfaitement adaptés à cette fin (Guided-Drill-Control Lab).

Il sistema Guided-Drill-Control è un'alternativa semplice al sistema tradizionale Tube-in-tube. Dopo la rielaborazione di un'immagine tridimensionale (DVT/CT), in laboratorio, sarà progettato e prodotto un modello per un uso sicuro delle frese Pilot. L'applicazione della guida per frese avviene in modo facile e rapido grazie alle frese della guida coordinate tra loro (Guided-Drill-Control Lab).

Guided-Drill-Control is the easy alternative to the customary Tube-in-Tube System. After making a three-dimensional image (DVT / CT), a drilling stencil is designed and made in the dental lab for the impending safe pilot-drilling. The initiation of the drill-sleeve is easy and quick because it coordinates with the sleeve-drill (Guided-Drill-Control Lab).



Art.-No. BGD00

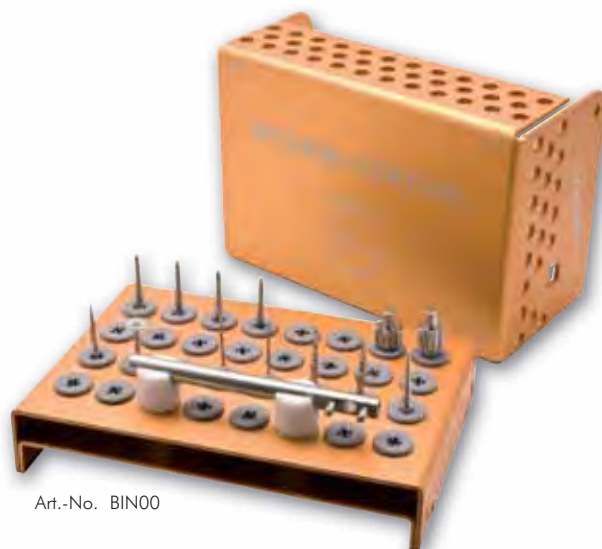
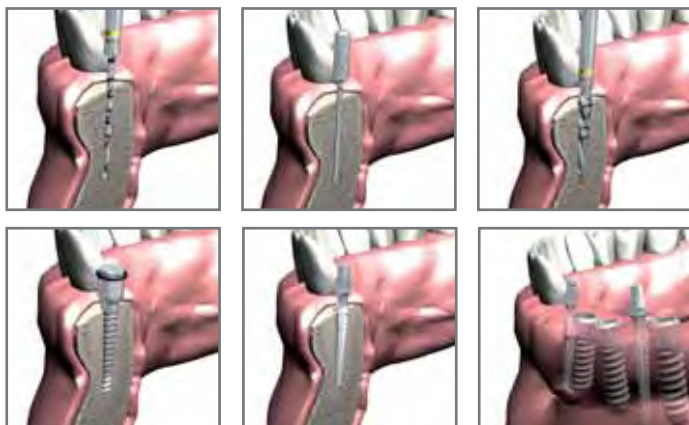
Interim-Control

Bone Auxiliary Implant System

Le système d'implant auxiliaire, approprié à toutes les classes de sites osseux, offre une solution économique pour soigner temporairement la mâchoire avec des implants auxiliaires recevant les couronnes provisoires fixes durant l'ostéointégration des implants (permanents). Ces couronnes provisoires soulagent le site d'implantation et en rendent le port plus agréable au patient. Après la phase de cicatrisation des implants permanents, le traitement prothétique provisoire et les implants auxiliaires sont de nouveau retirés.

Il sistema Interim-Control è adatto a tutte le classi di riassorbimento osseo e offre soluzioni economiche per riabilitazioni, con impianti ausiliari, che facilitano la fase di osteointegrazione degli impianti definitivi, assorbendo il loro carico protesico. Il paziente non subisce traumi. Dopo la fase di guarigione degli impianti definitivi, si rimuovono impianti ausiliari e protesi provvisorie. Nel caso in cui il laboratorio dentale realizzi la protesi provvisoria, l'Interim-Control dispone, acquistabile separatamente, di strumenti adatti al suo inserimento.

The Bone Auxiliary Implant System, suitable for all bone resorption classes, provides economical short term care of the jaw with auxiliary implants. These implants facilitate the process of osseointegration of the permanent implants by absorbing their prosthetic stress. The patient enjoys the advantage of high prosthetic comfort from the very beginning of the post-surgical period. After the phase of osseointegration of the permanent implants, the temporary prosthetic treatment and the auxiliary implants are removed.



Art.-No. BIN00

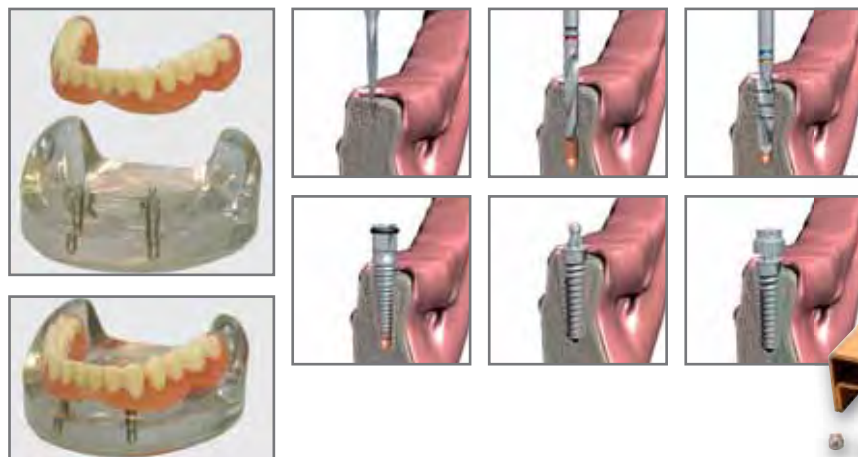
Fix-Control

Snap-On Anchorage System

Le système d'implant monobloc Fix-Control, constitué de titane pur (de degré 4), permet à chaque dentiste de proposer un moyen très rapide, fort simple et d'un bon rapport qualité-prix à ses patients afin qu'ils puissent continuer à porter agréablement leurs prothèses dentaires même après la perte de la dernière couronne télescopique ou dent naturelle. Même dans les cas où l'assise prothétique ne peut plus normalement être garantie après une perte de dent prolongée, chaque dentiste dispose ainsi d'un système optimal lui permettant de redonner un surcroît de qualité de vie à ses patients par des moyens simples en rétablissant la bonne assise prothétique.

Fix-Control è un sistema implantare in un pezzo solo, realizzato in titanio puro (grado 4), che può essere utilizzato da ogni dentista per offrire al paziente una soluzione, rapida, semplice ed economica per mantenere l'abituale comodità della protesi, anche dopo aver perso l'ultimo dente naturale o l'ultimo moncone. Anche in casi in cui è trascorso molto tempo dalla perdita dei denti e la stabilità della protesi non può essere più garantita, Fix-Control è un metodo implantare ottimo e relativamente semplice, di cui dispone il dentista per garantire al paziente la riabilitazione della masticazione, migliorandone la qualità della vita.

Fix-Control is a one-piece dental implant system made of pure titanium (Grade 4) which can be employed by any dentist to provide a rapid, simple and cost-effective way of enabling patients to retain the same degree of denture comfort even after the last telescopic crown or natural tooth has been lost. Even in cases where the loss of teeth lies some time in the past and it is hardly possible to guarantee that the dentures will stay in position, Fix-Control provides the dentist with the means to improve the patient's quality of life considerably using relatively simple methods and ensure the dentures are firmly held in place again.



Art.-No. BF100

Easy-Handling-Abutments

developed with Dr. Althoff, Dr. Ortner

Très maniables, les piliers Easy-Handling-Abutments sont élaborés à base d'une matière plastique certifiée, ultraprécise et utilisée avec succès à des fins médicales depuis des dizaines d'années. Le meulage direct dans la bouche est réalisable tout comme le façonnage ultérieur au laboratoire. Le procédé breveté permet de fabriquer très facilement et rapidement des superstructures implantoportées (en répliquant directement la matrice en matière plastique pouvant cuire sans laisser de résidus par la technique de coulée) avec une haute précision d'ajustement.

I perni Easy-Handling-Abutment sono fabbricati con un materiale sintetico certificato di alta precisione ed usato in altri campi della medicina da decenni. E' possibile effettuare con questo materiale un fresaggio in laboratorio o direttamente in bocca al paziente. Questo processo brevettato, rende possibile la preparazione in modo facile e rapido di una sovrastruttura osteointegrata (fusione diretta del materiale sintetico, che brucia senza lasciare residui) la cui forma si adatta con gran precisione.

Easy-Handling-Abutments consist of high-precision, certified plastic which has been in use in other fields of medicine for several decades. It can be trimmed in situ or processed as required in the laboratory. This patented process enables osseointegrated superstructures to be made quickly and easily (direct moulding of the plastic using the lost-plastic moulding technique) while ensuring high dimensional accuracy.



© Dr. Helmuth Althoff



Art.-No. KABUTHEX001

Art.-No. KABUTOKT001

Art.-No. KABUTSEL001

Art.-No. KABUTSEL002

Art.-No. KABUTSEL003



Universal Torque Ratchet

La clé dynamométrique sert à serrer et desserrer des vis avec un couple de rotation défini dans le domaine dentaire. Lorsqu'elle est réglée en position de blocage, des couples de rotation supérieurs peuvent être transmis en vue ainsi d'insérer des implants et de détacher des assemblages vissés.

Chiave a cricchetto dinamometrica, con coppia predefinita per avvitare e svitare viti in campo dentale. Nella posizione bloccata è possibile trasmettere coppia maggiore, ad es. per inserire impianti e svitare viti bloccate.

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.



Art.-No. CA0RA

Find on page: 170 / 171

CA0RA	+	CA1RA
		CA4RA
		CA5RA

Ratchets

Cette clé à cliquet a été conçue pour transmettre des forces pouvant atteindre 70 Ncm. Elle fait partie intégrante de bien des systèmes de la série Bone Management®.

Questo cricchetto è stato concepito per trasmettere forze fino a 70 Ncm. E' un componente di molti kit Bone Management®.

This ratchet was designed to transfer forces up to 70 Ncm. It is a component in many Bone Management® systems.

Cette clé à cliquet a également été conçue pour transmettre des forces pouvant atteindre 70 Ncm. Sa forme ergonomique particulière assure à l'utilisateur la visibilité optimale du champ opératoire. De par sa construction spéciale, elle est utilisable tant à gauche qu'à droite.

Questo cricchetto è stato concepito per trasmettere forze fino a 70 Ncm. La concezione ergonomica speciale di questo cricchetto offre agli utilizzatori una visione ottimale del campo operativo. Grazie alla sua forma speciale, può essere utilizzato sia da destra, che da sinistra.

This ratchet was developed to transfer forces up to 70 Ncm. The special ergonomic design of the ratchet offers an optimum view of the operation field to the user. Because of its special construction it can be used on the left or the right.



Art.-No. CARA1



Art.-No. CARA2

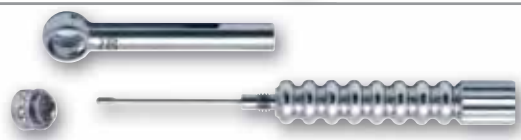
Find on page: 171

CARA1	+	CA1RB
		CA0RB

Démontable • Smontabile • Decomposable



Art.-No. CARA4



Universal Driver Kit

Utilisable à des fins multiples, la clé à renvoi de l'ensemble Universal Driver Kit se prête à diverses applications quotidiennes dans l'implantologie. Tous les instruments à contre-angle s'adaptent à la clé à renvoi. Du fait du renvoi du mouvement de rotation de 90°, la clé permet de travailler justement au niveau des molaires et des prémolaires avec un gain de place très appréciable tout en ménageant le patient. La clé à renvoi possède un rapport de transmission de 1:1 et elle est facilement utilisable avec la main. En outre, elle présente un emploi fort simple avec un cliquet ou le contre-angle standard, vu que l'un comme l'autre sont utilisés et/ou actionnés par voie extraorale.

La chiave polifunzionale presente nel Kit Universal Drive è indispensabile nell'uso quotidiano in implantologia. La chiave universale è compatibile con tutti gli strumenti per contrangolo (RA). La testa angolata permette un movimento a 90° nelle zone posteriori, rendendo possibile l'accesso in aree strette, senza causare problemi al paziente. La chiave universale ha una conversione 1:1 e può essere utilizzata facilmente a mano, con un cricchetto o con un contrangolo standard.

The all purpose universal wrench in the Universal Driver Kit is a necessity for daily use in implantology. The universal wrench works with all right angle instruments (RA). The angled head allows 90° motion in posterior regions providing needed access in tight areas. The universal wrench with a transmission of 1:1 can easily be operated by hand, ratchet or regular RA-hand piece.



Art.-No. BUN00

Tournevis:
pour serrer des vis à tête fendue d'implantologie

Cacciavite:
Set di cacciaviti per serrare le viti per implantologia con testa ad intaglio

Screw drivers:
For tightening implantological slotted screws



Clés d'Allen à six pans mâles:
pour serrer et desserrer des vis à six pans creux d'implantologie

Chiavi di Allen:
Per avvitare e svitare viti di Allen per implantologia

Allen keys:
For inserting and removing implantological hex screws

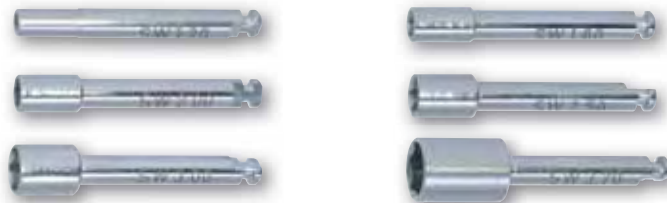


Art.-No. UDWS1
Clé à renvoi
Chiave universale
Universal wrench

Clés à douille:
pour serrer et desserrer des vis à tête hexagonale d'implantologie

Chiavi a brugola:
Per avvitare e svitare viti a testa esagonale per implantologia

Spanners:
For inserting and removing implantological hex screws



Micro-surgical Instruments



Porte-aiguilles droit
Porta aghi con punta dritta
Needle holder straight
Art.-No. TM0

Porte-aiguilles coudé
Porta aghi con punta curva
Needle holder curved
Art.-No. TM1

Ciseaux droit
Forbicina con punta dritta
Scissors straight
Art.-No. TM2

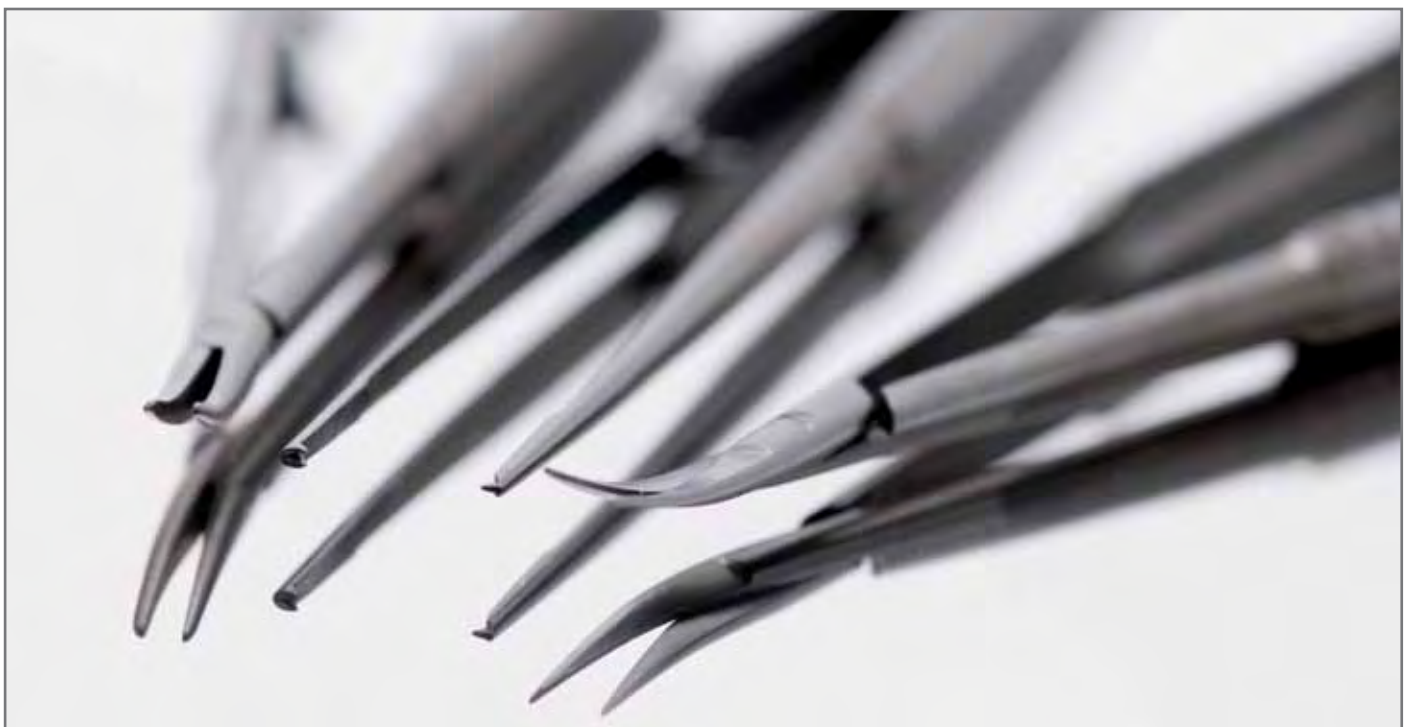
Ciseaux coudés
Forbicina con punta curva
Scissors curved
Art.-No. TM3

Pincette droite
Pinzetta con punta dritta
Forceps straight
Art.-No. TM4

Pincette coudée
Pinzetta con punta curva
Forceps curved
Art.-No. TM5

Length mm

173	179	180	179	173	172
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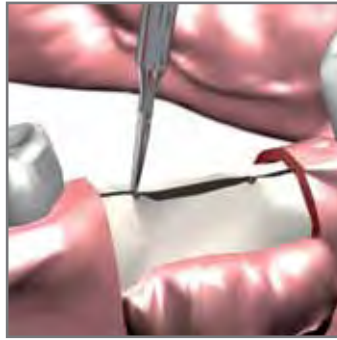
Foret d'amorce Fresa iniziale Initial bur

< 800
min⁻¹



186RF

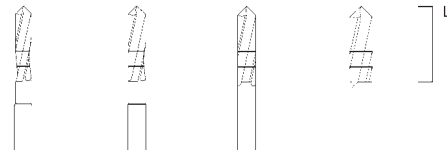
L=12 mm



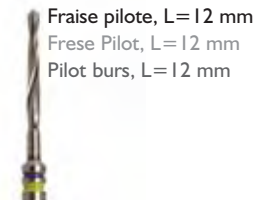
Shank	Fig.	186RF
RA		018
HP		018
		5



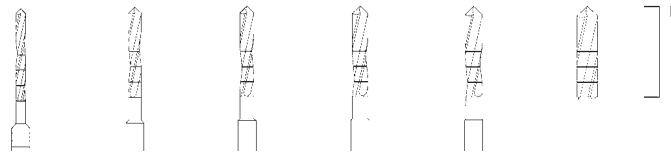
Fraise pilote, L=10 mm
Frese Pilot, L=10 mm
Pilot burs, L=10 mm



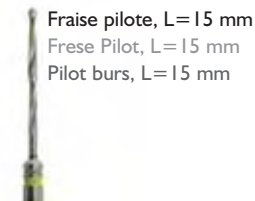
Shank	Fig.	C3001	D3001	E3001	F3001
RA L		2,00	2,20	2,40	2,90
		1	1	1	1



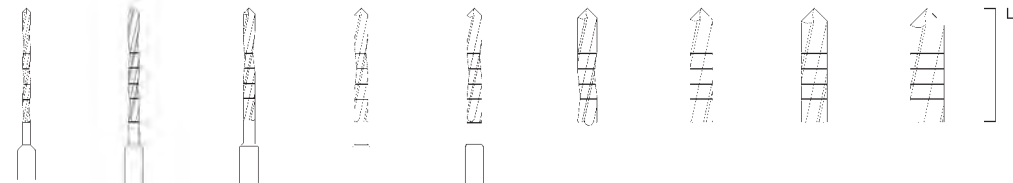
Fraise pilote, L=12 mm
Frese Pilot, L=12 mm
Pilot burs, L=12 mm



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



Fraise pilote, L=15 mm
Frese Pilot, L=15 mm
Pilot burs, 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

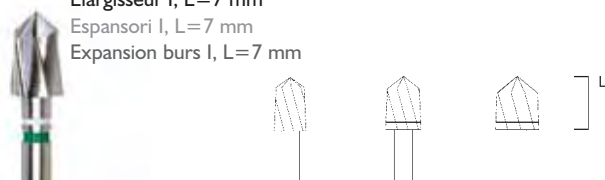


Fraise pilote, L=18 mm
Frese Pilot, L=18 mm
Pilot burs, L=18 mm

Shank	Fig.	BF001
RA XL		1,00
		1



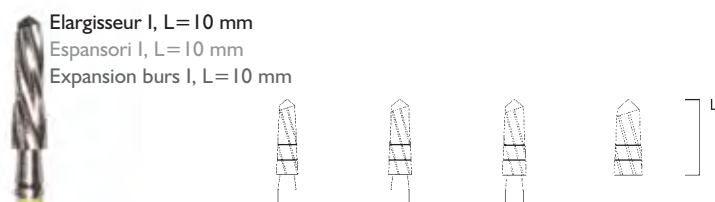
Elargisseur I, L=7 mm
Espansori I, L=7 mm
Expansion burs I, L=7 mm



Shank	Fig.	G4003	H4003	I4003
RA L		4,20	4,70	5,70
		3,71	4,23	5,28
		1	1	1



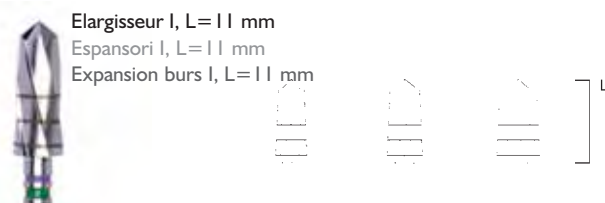
Elargisseur I, L=10 mm
Espansori I, L=10 mm
Expansion burs I, L=10 mm



Shank	Fig.	C3003	D3003	E3003	F3003
RA L		2,80	3,00	3,20	3,70
		2,00	2,21	2,42	2,94
		1	1	1	1



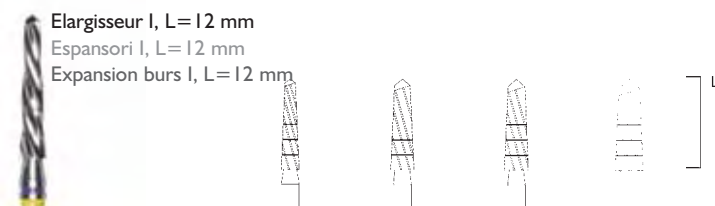
Elargisseur I, L=11 mm
Espansori I, L=11 mm
Expansion burs I, L=11 mm



Shank	Fig.	G2003	H2003	I2003
RA L		4,20	4,70	5,70
		3,35	3,87	4,91
		1	1	1



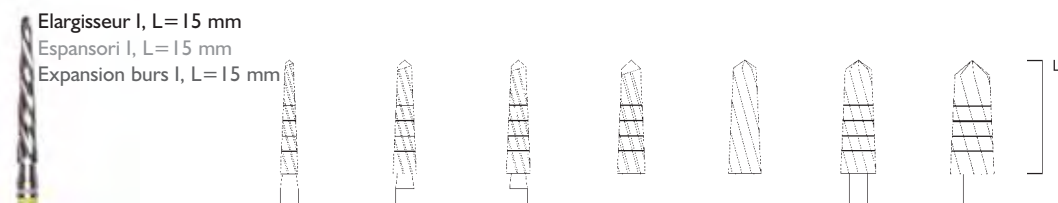
Elargisseur I, L=12 mm
Espansori I, L=12 mm
Expansion burs I, L=12 mm



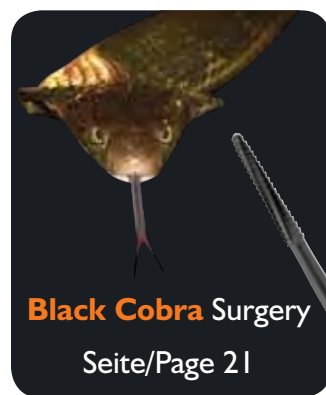
Shank	Fig.	A2003	D2003	E2003	F2003
RA L		2,30	3,00	3,20	3,70
		1,30	2,03	2,24	2,76
		1	1	1	1



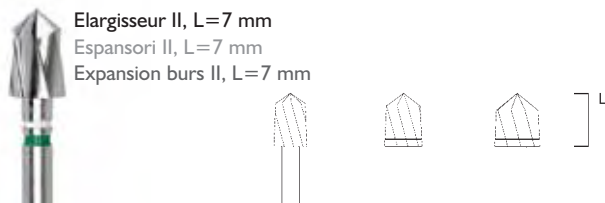
Elargisseur I, L=15 mm
Espansori I, L=15 mm
Expansion burs I, L=15 mm



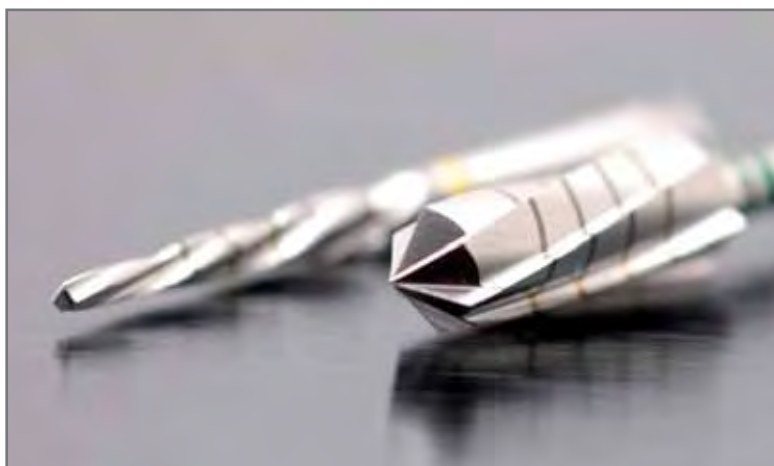
Shank	Fig.	A1003	D1003	E1003	F1003	G1003	H1003	I1003
RA L		2,30	3,00	3,20	3,70	4,20	4,70	5,70
		1,03	1,75	1,96	2,49	2,98	3,50	4,55
		1	1	1	1	1	1	1



Elargisseur II, L=7 mm
Espansori II, L=7 mm
Expansion burs II, L=7 mm

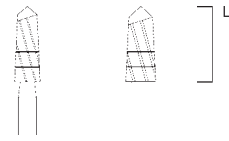


Shank	Fig.	G4004	H4004	I4004
RA L		4,40	4,90	5,90
		3,91	4,43	5,48
		1	1	1





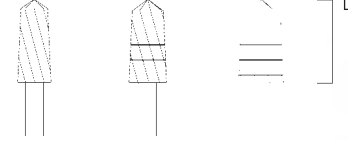
Elargisseur II, L=10 mm
Espansori II, L=10 mm
Expansion burs II, L=10 mm



Shank	Fig.	E3004	F3004
RA L		3,40	3,90
		2,62	3,14
		1	1



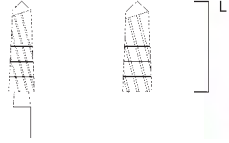
Elargisseur II, L=11 mm
Espansori II, L=11 mm
Expansion burs II, L=11 mm



Shank	Fig.	G2004	H2004	I2004
RA L		4,50	4,90	5,90
		3,55	4,07	5,11
		1	1	1



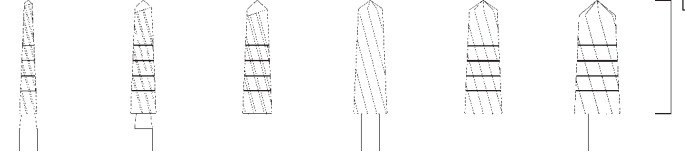
Elargisseur II, L=12 mm
Espansori II, L=12 mm
Expansion burs II, L=12 mm



Shank	Fig.	E2004	F2004
RA L		3,40	3,90
		2,44	2,96
		1	1



Elargisseur II, L=15 mm
Espansori II, L=15 mm
Expansion burs II, L=15 mm



Shank	Fig.	A1004	E1004	F1004	G1004	H1004	I1004
RA L		2,50	3,40	3,90	4,50	4,90	5,90
		1,23	2,16	2,69	3,18	3,70	4,75
		1	1	1	1	1	1



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

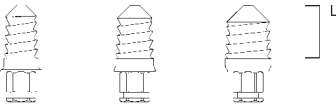


Fig.	G4005	H4005	I4005
	4,50	5,00	6,00
	4,01	4,53	5,58
	1	1	1



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

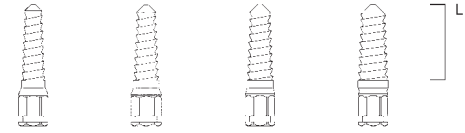


Fig.	C3005	D3005	E3005	F3005
	3,10	3,30	3,50	4,00
	2,30	2,51	2,72	3,24
	1	1	1	1



Ecarteur, L=11 mm
Spreader, L=11 mm
Spreader, L=11 mm

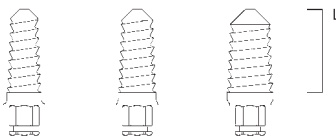
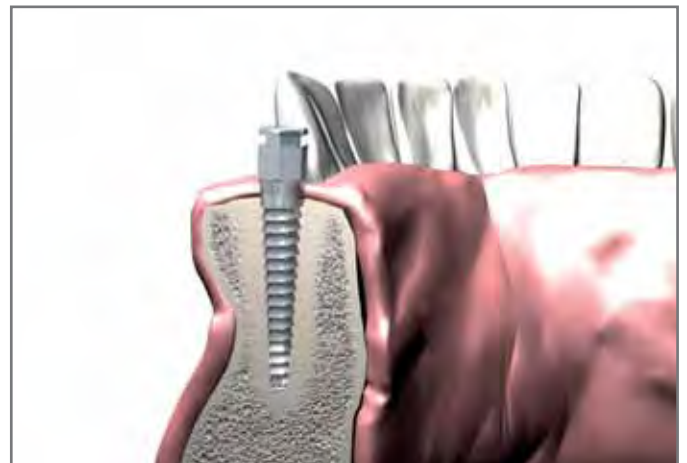


Fig.	G2005	H2005	I2005
	4,50	5,00	6,00
	3,65	4,17	5,21
	1	1	1



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

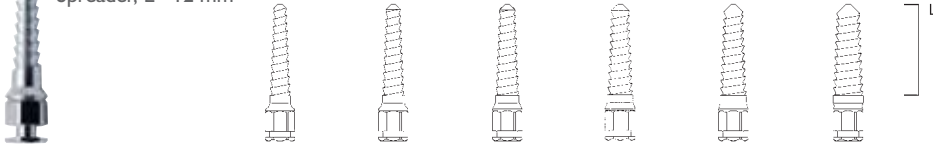


Fig.	A2005	B2005	C2005	D2005	E2005	F2005
	2,70	2,90	3,10	3,30	3,50	4,00
	1,70	1,91	2,12	2,33	2,54	3,06
	1	1	1	1	1	1



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

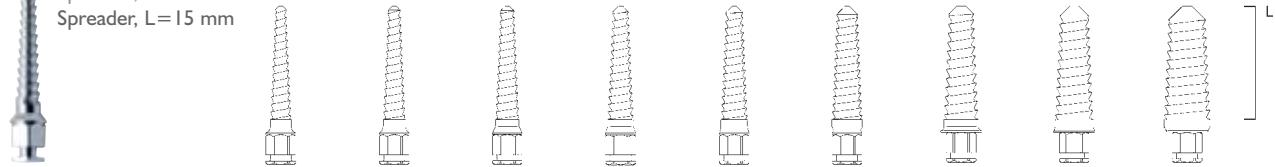


Fig.	A1005	B1005	C1005	D1005	E1005	F1005	G1005	H1005	I1005
	2,70	2,90	3,10	3,30	3,50	4,00	4,50	5,00	6,00
	1,43	1,64	1,84	2,05	2,26	2,79	3,28	3,80	4,85
	1	1	1	1	1	1	1	1	1



Elément porteur pour Ecarteur
 Carrier per spreader
 Carrier for spreader

CA00G

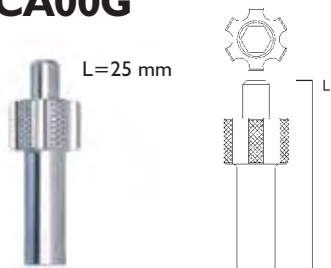


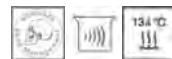
Fig.	CA00G
	1



CA0KG



Fig.	CA0KG
	1



Find on page: 170

CA00G	+	CA00S
CA0KG		
CAG0G		
CAGKG		

CAG0G



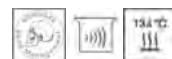
Fig.	CAG0G
	1



CAGKG



Fig.	CAGKG
	1



CA00S

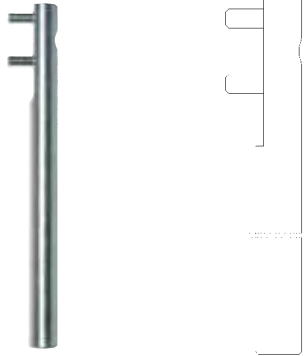
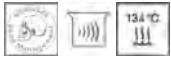


Fig. CA00S
1

Find on page: 169

CA00S +	CA00G
	CA0KG
	CAG0G
	CAGKG



Manche universel à usage manuel,
destiné à des instruments à contre-angle
Manico universale per uso manuale degli
strumenti per contrangolo.
Universal handle for the manual insertion
of angled instruments

Tournevis pour UG00W + BV028
Avvitatore per UG00W + BV028
Screw driver for UG00W + BV028

UG00W



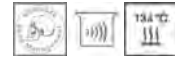
Fig. UG00W
1



SW150



Fig. SW150
1



Rallonges de fraise
Estensore per frese
Drill extension

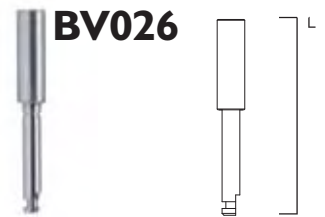
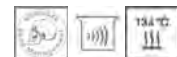


Fig. BV026
L mm 26,0
1



Rallonges de fraise
Estensore per frese
Drill extension



Fig. BV027
L mm 27,0
1



Rallonges de fraise
Estensori per frese
Drill extension



Fig. BV028
L mm 28,0
1

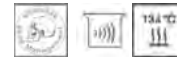


Adaptateur de clés à cliquet (CA0RA)
Adattatori per cricchetto (CA0RA)
Adapter for ratchets (CA0RA)

CA4RA



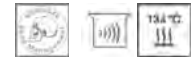
Fig. CA4RA
Size short
1



CA5RA



Fig. CA5RA
Size long
1

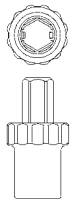


Adaptateur de clés à cliquet (CARA1 + CARA2)
 Adattatori per cricchetto (CARA1 + CARA2)
 Adapter for ratchets (CARA1 + CARA2)

CA1RB



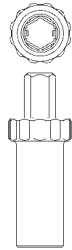
Fig.	CA1RB
Size	short
	1



CA0RB



Fig.	CA0RB
Size	long
	1

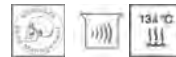


Adaptateur d'écarteur (page 168 - 169)
 Adattatori per spreader (pag. 168 - 169)
 Adapter for spreader (page 168 - 169)

CA8RA



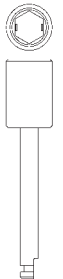
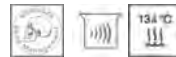
Fig.	CA8RA
Size	short
	1



CA9RA



Fig.	CA9RA
Size	long
	1

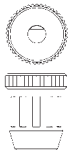


Adaptateur de clé dynamométrique (CA0RA)
 Adattatore per cricchetto dinamometrico (CA0RA)
 Adapter for Universal Torque Ratchet (CA0RA)

CA1RA



Fig.	CA1RA
	1

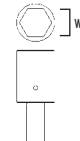


Adaptateur d'écarteur à bague en caoutchouc
 Adattatori per spreader con anello in gomma
 Adapter for spreader with rubber band

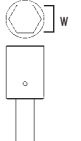
CA2RA



Shank	Fig.	CA2RA
RA	L mm	21
Weite Width Diámetro (W) mm		3,7
		1



Shank	Fig.	CA3RA
RA L	L mm	26
Weite Width Diámetro (W) mm		3,7
		1



La société MEISINGER propose l'une des plus vastes gammes de fraises Allport, de fraises de Lindemann et de trépan, dédiée à la chirurgie bucco-maxillo-faciale. Optimisée, la construction spéciale des instruments garantit leur utilisation sûre et l'obtention rapide des résultats de travail souhaités.

La Meisinger offre per la chirurgia maxillofacciale uno dei programmi più ampi del settore con le frese "Allport", "Lindemann" e con le frese carotatrici. La speciale realizzazione di questi strumenti garantisce un utilizzo sicuro e il raggiungimento rapido dei risultati lavorativi desiderati.

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

Allport • Allport • Allport

Fraises chirurgicales en carbure • Frese chirurgiche in tungsteno • Surgical cutters, tungsten carbide



Fraises chirurgicales en acier • Frese chirurgiche in acciaio • Surgical cutters, steel

Instruments à refroidissement interne
Frese a raffreddamento interno
Internally cooled instruments

Scies diamantées
Dischi diamantati
Diamond coated saws



Trépan et emporte-pièces cutanés en acier inoxydable

Frese carotatrici e mucotomi in acciaio inox
Trephines and biopsy punches, stainless

Assortiments • Assortimenti • Assortments



Chirurgie d'oto-rhino-laryngologie (O.R.L.) • Chirurgia otorinolaringoiatrica (O.R.L.) • Ear, Nose, Throat Surgery

La société Meisinger propose de multiples instruments différents à base de divers matériaux (acier, carbure, diamant), spécialement dédiés à la chirurgie oto-rhino-laryngologique. Afin d'assurer leur emploi ciblé lors des interventions, les instruments sont disponibles avec des tiges d'une longueur variant de 70 mm à 125 mm.

La Meisinger offre una grande varietà di strumenti speciali in differenti materiali (acciaio, carburo di tungsteno e diamante) per la chirurgia O.R.L. Per garantire la specifica applicazione in chirurgia gli strumenti disponibili, hanno una lunghezza che varia dai 70 ai 125 mm.

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.

Instruments en acier RF (inoxydable)
Frese in acciaio RF (inossidabile)
Steel instruments RF, stainless

Instruments diamantés
Frese diamantate
Diamond instruments

Instruments en carbure
Frese in tungsteno
Tungsten carbide instruments



Allport • Allport • Allport

141RF stainless steel

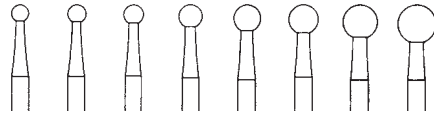


Fig.	Shank	Ref.-No.		2	2	2	2	2	2	2	2
141RF	HP	330 104 001 291		023	025	027	031	035	040	045	050
	HP XL	330 106 001 291					031*		040*		050*
	RA	330 204 001 291		023		027	031	035	040		
	RA XL	330 206 001 291		023		027	031				

* = 1



à 6 lames
6 lame
6 blades

HM 141

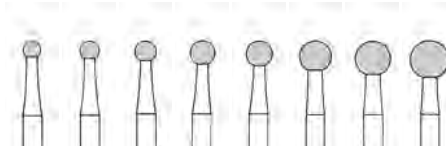
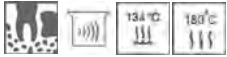


Fig.	Shank	Ref.-No.		2	2	2	2	2	2	2	2
HM 141	HP	500 104 001 291		023	025	027	031	035	040	045	050
	RA	500 204 001 291		023	025	027	031	035	040		
	RA L	500 205 001 291		023	025	027	031	035	040		



Carbure à 6 lames
Tungsteno, 6 lame
Tungsten carbide, 6 blades

HM 141A

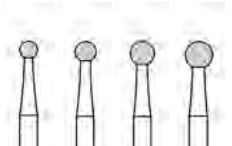


Fig.	Shank	Ref.-No.		2	2	2	2
HM 141A	HP	500 104 001 298		023	027	031	035
	RA L	500 205 001 298		023	027	031	035
	RA XL	500 206 001 298		023	027	031	035



Carbure à denture surtaillée à 8-10 lames
Tungsteno, taglio dentellato 8 - 10 lame
Tungsten carbide, cross cut, 8-10 blades

HM 141F

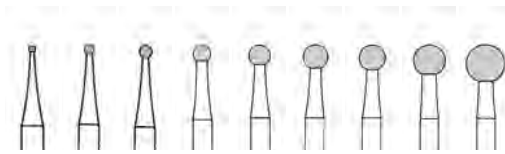


Fig.	Shank	Ref.-No.		2	2	2	2	2	2	2	2	
HM 141F	HP	500 104 001 251		010	014	018	023	027	031	035	040	050
	RA L	500 205 001 251		010	014	018	023	027	031	035	040	050
	RA XL	500 206 001 251		010	014	018	023	027	031	035	040	050



Carbure à anneau rouge fin
Tungsteno, anello rosso fine
Tungsten carbide, red ring, fine



Fraises chirurgicales en carbure • Frese chirurgiche in tungsteno • Surgical cutters, tungsten carbide



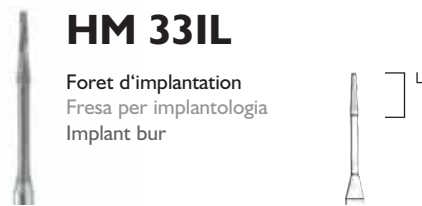
HM 1T

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



HM 33T

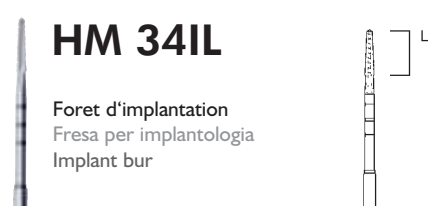
Fig.	Shank	Ref.-No.		2
				L mm 5,2
HM 33T	HP	500 104 415 296		016
	RA L	500 205 415 296		016



HM 33IL

Foret d'implantation
Fresa per implantologia
Implant bur

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



HM 34IL

Foret d'implantation
Fresa per implantologia
Implant bur

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



HM 151

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



Fraises chirurgicales d'après Lindemann • Frese chirurgiche secondo Lindemann • Surgical cutters according to Lindemann



HM 161

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



HM 162

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



HM 163

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



HM 164




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



HM 165




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



HM 166




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



Fraises chirurgicales à denture croisée • Fresa chirurgiche, taglio incrociato • Surgical cutters, x-cut

HM 167




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



HM 161RX




Fig.	Shank	Ref.-No.		2
				L mm 11,0
HM 161RX	HP	500 104 408 298		018
	RA L	500 205 408 298		018
	RA XL	500 206 408 298		018
	FG XL	500 316 408 298		018




HM 166RX


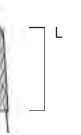



Fig.	Shank	Ref.-No.		2
				L mm 11,0
HM 166RX	HP	500 104 409 298		021
	RA L	500 205 409 298		021
	RA XL	500 206 409 298		021



Fraises chirurgicales à denture spéciale, destinée à une coupe précise
 Frese chirurgiche, dentellatura speciale, per un taglio preciso
 Surgery drill, with special toothing for exact cutting guidance

Fraises chirurgicales diamantées
 Frese chirurgiche, diamantate
 Diamond surgical cutters

HM CN163




Fig.	Shank	Ref.-No.		2
				L mm 7,0
HM CN163	HP	500 104 197 178		016
	RA L	500 205 197 178		016



HM CN167





Fig.	Shank	Ref.-No.		2
				L mm 10,0
HM CN167	HP	500 104 199 178		023
	RA L	500 205 199 178		023



411G

coarse








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

Gingivatrimmer

Fraises de gingivectomie servant à élargir la gencive en douceur même aux endroits d'accès difficile, toujours utilisables sans eau ni atomiseur de refroidissement, tournant à une vitesse de 300.000 - 500.000 min⁻¹
 Il trimmer gengivale si utilizza per l'estensione atraumatica della gengiva - anche in posizioni difficili da raggiungere, si può utilizzare senza refrigerazione! 300.000 - 500.000 giri min⁻¹
 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 min⁻¹

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



Fraises chirurgicales en acier • Frese chirurgiche in acciaio • Surgical cutters, steel

d'après Lindemann • secondo Lindemann • according to Lindemann



186RF

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



Foret d'amorce, acier RF (inoxydable)
Fresa iniziale, acciaio RF (inossidabile)
Initial bur, stainless steel



161

steel
161RF stainless steel

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



* Seul inoxydable solo RF only RF

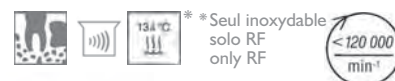
<120 000 min⁻¹



162

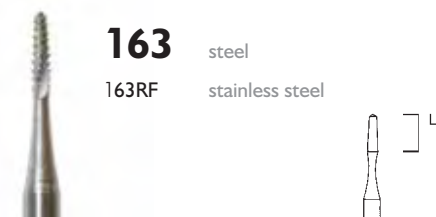
steel
162RF stainless steel

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



* Seul inoxydable solo RF only RF

<120 000 min⁻¹



163

163RF stainless steel

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



* Seul inoxydable solo RF only RF



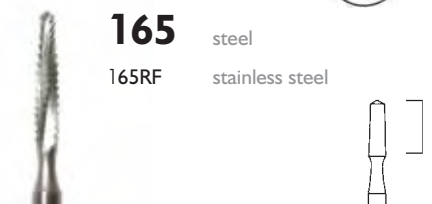
164

steel
164RF stainless steel

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



* Seul inoxydable solo RF only RF



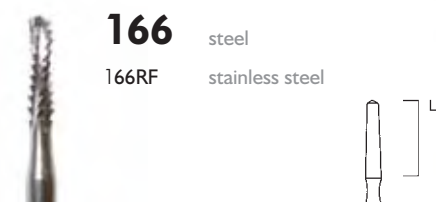
165

165RF stainless steel

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



* Seul inoxydable solo RF only RF



166

166RF stainless steel

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



* Seul inoxydable solo RF only RF

* =1



167

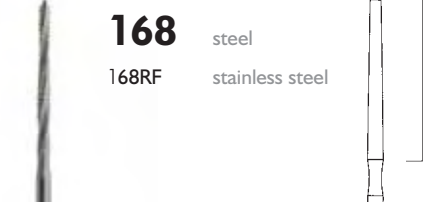
steel
167RF stainless steel

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



* Seul inoxydable solo RF only RF

* =1



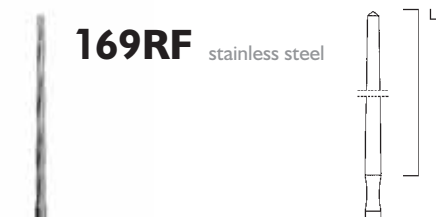
168

168RF stainless steel

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



* Seul inoxydable solo RF only RF



169RF

stainless steel

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



203RF stainless steel

NEW

Foret hélicoïdal en acier inoxydable

Frese a spirale, acciaio inox

Twist drills, stainless

Fig.	Shank	Ref.-No.		10	10	10	10	10
				L mm 7,0	7,0	7,0	7,0	9,0
203RF	RA L	330 205 417 364		005	006	007	008	009



Instruments à refroidissement interne • Frese a raffreddamento interno • Internally cooled instruments

Fraises chirurgicales à refroidissement interne en acier inoxydable d'après Kirschner nécessitant des turbines d'entraînement spéciales des marques KaVo, W&H, Micro-Mega

Frese chirurgiche con raffreddamento interno in acciaio inox, secondo Kirschner. Si richiede un manipolo speciale (ad es. KaVo, W&H, Micro-Mega)

Stainless surgical cutters with internal cooling system according to Kirschner. Special handpieces necessary (e.g. KaVo, W&H, Micro-Mega)



811C stainless steel

Fig.	Shank	Ref.-No.	1	1
811C	RA XL	330 206 007 172	030	040



1651C stainless steel

Fig.	Shank	Ref.-No.	1	1
1651C	RA XL	330 206 403 297	018	023



1671C stainless steel

Fig.	Shank	Ref.-No.	1	1
1671C	RA XL	330 206 404 297	018	023



231DC extra fine

Fig.	Shank	Ref.-No.	1	1	1
231DC	RA	806 204 064 504	070*	100*	130*

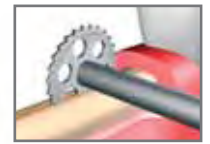


* Compris dans la trousse d'emporte-pièces de base Saw Basic Kit 7150

* Contenuti nel Kit Saw Basic 7150

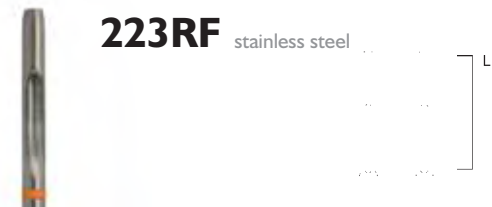
* Contained in the Saw Basic Kit 7150

Scies diamantées
Dischi diamantati
Diamond coated saws



Trépan et emporte-pièces cutanés en acier inoxydable • Frese carotatrici e mucotomi in acciaio inox • Trepines and biopsy punches

En acier inoxydable (taille nominale = diamètre interne) Acciaio inox (misura indicata = diametro interno) stainless (nominal size = internal diameter)

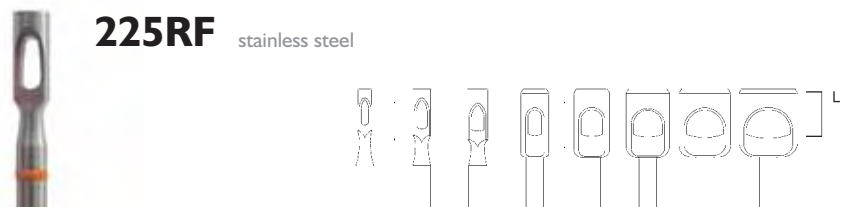


223RF stainless steel

Fig.	Shank	Ref.-No.	2	2
223RF	HP	330 104 479 373	008	010



Emporte-pièces cutanés • Mucotomi • Biopsy punches



225RF stainless steel

Fig.	Shank	Ref.-No.	2	2	2	1	1	1	1	1
225RF	HP	330 104 485 373	014	018	021					

	RA	330 204 485 373				030*	040*	050*	060*	070*
--	----	-----------------	--	--	--	------	------	------	------	------



Emporte-pièces cutanés • Mucotomi • Biopsy punches

* Compris dans la trousse d'emporte-pièces de base Punch Basic Kit 7140

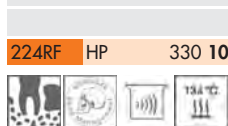
* Contenuti nel Kit Punch Basic 7140

* Contained in the Punch Basic Kit 7140



224RF stainless steel

Fig.	Shank	Ref.-No.	2	2	2
224RF	HP	330 104 485 001	018	023	027



227RF stainless steel

Fig.	Shank	Ref.-No.	2
227RF	HP	330 104 485 001	050



$\varnothing < 045$	< 4000 min ⁻¹
$\varnothing \geq 045$	< 2000 min ⁻¹

229 stainless steel

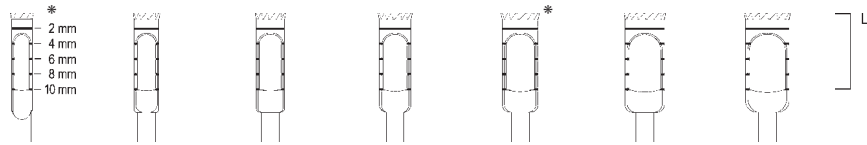


Fig.	Shank	Ref.-No.		1	1	1	1	1	1	1
			L mm	10,0	10,0	10,0	10,0	10,0	10,0	10,0
				3,00	3,50	4,00	4,50	5,00	5,50	6,00
229	RA L	330 205 486 001		020	025	030	035	040	045	050

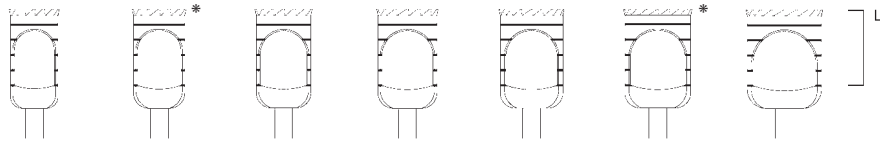


Fig.	Shank	Ref.-No.		1	1	1	1	1	1	1
			L mm	10,0	10,0	10,0	10,0	10,0	10,0	10,0
				6,50	7,00	7,50	8,00	8,50	9,00	10,00
229	RA L	330 205 486 001		055	060	065	070	075	080	090

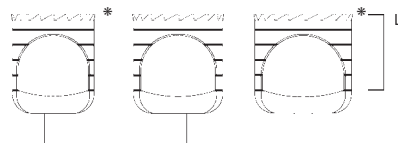


Fig.	Shank	Ref.-No.		1	1	1
			L mm	10,0	10,0	10,0
				11,00	12,00	13,00
229	RA L	330 205 486 001		100	110	120



* Compris dans la trousse de trépan de base Trephine Basic Kit 7120

* Contenuti nel Kit Trephine Basic 7120

* contained in the Trephine Basic Kit 7120



229L stainless steel

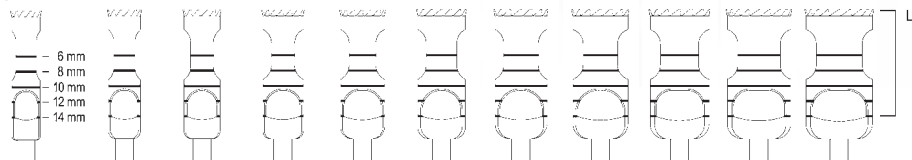


Fig.	Shank	Ref.-No.		1	1	1	1	1	1	1	1	1
			L mm	14,0	14,0	14,0	14,0	14,0	14,0	14,0	14,0	14,0
				4,00	4,50	5,00	5,50	6,00	6,50	7,00	7,50	8,00
229L	RA L	330 205 555 001		030	035	040	045	050	055	060	065	070



$\varnothing < 045$	
$\varnothing \geq 045$	

229XL stainless steel

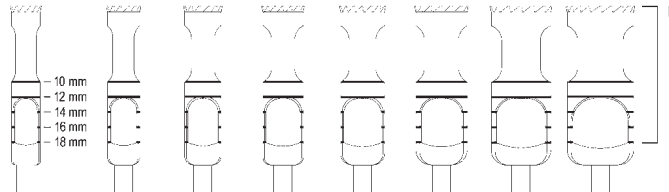


Fig.	Shank	Ref.-No.		1	1	1	1	1	1	1
			L mm	18,0	18,0	18,0	18,0	18,0	18,0	18,0
				4,00	4,50	5,00	5,50	6,00	7,00	8,00
229XL	RA L	330 205 556 001		030	035	040	045	050	060	070



Sortimente • Assortments • Freseros

Trepine Basic Kit

Art.-No. 7120



La trousse Trepine Basic Kit offre toute une gamme sélectionnée de trépan de haute qualité dans des tailles finement échelonnées (020, 040, 060, 080, 100 und 120). Ces derniers se prêtent à l'élaboration précise et simple de greffes osseuses cylindriques ainsi qu'au prélèvement d'os. D'une profondeur de 10 mm, les trépan ont été spécialement mis au point pour être employés dans la chirurgie maxillaire et l'implantologie. Les traits de repère en profondeur bien identifiables et espacés respectivement de 2 mm permettent de connaître la profondeur de pénétration de la fraise à tout moment avec simplicité et fiabilité.



Il Kit Trepine Basic offre una piccola gamma di frese carotatrici di alta qualità con diametri differenti (020 - 040 - 060 - 080 - 100 - 120). Questi strumenti sono stati disegnati in modo specifico per il prelievo preciso e semplice di cilindri ossei autologhi e per rimuovere sezioni d'osso. Queste frese carotatrici hanno una profondità di 10 mm, e sono state studiate per un utilizzo in chirurgia maxillo-facciale ed in implantologia. Grazie agli indicatori di profondità incisi con il laser ogni 2 mm, sulla testa della carotatrice, il medico può facilmente controllare la profondità del foro effettuato.

The Trepine Basic Kit provides a small set of high-quality, closely grouped trephine drills (020, 040, 060, 080, 100 and 120). These tools are designed specifically for creating cylindrical bone grafts quickly and accurately and for removing defined bone sections. These trephine drills have a depth of 10 mm and have been developed specifically with mandibular surgery and implantology in mind. Thanks to the well defined laser depth marks at 2 mm intervals, the medical practitioner can accurately monitor the depth of drilling as he or she works.

Punch Basic Kit

Art.-No. 7140



La trousse Punch Basic Kit renferme des emporte-pièces cutanés dans 5 tailles différentes et elle complète parfaitement la panoplie de trépan de MEISINGER. Avant d'utiliser les trépan, les emporte-pièces cutanés, contenus dans l'assortiment, permettent de retirer la muqueuse selon une procédure exacte, propre et simple. L'enroulement de la muqueuse est ainsi évité. La muqueuse découpée peut être recousue ultérieurement, dans la plupart des cas, afin de mieux soigner la plaie.



Il Kit Punch Basic contiene coltelli circolari (mucotomi) in 5 differenti misure, per tagliare il tessuto gengivale e rappresenta un perfetto complemento per le frese carotatrici della Meisinger. Prima di utilizzare le frese carotatrici si rimuove la mucosa in modo netto, con i mucotomi, evitando strappi e lacerazioni della mucosa. Nella maggior parte dei casi, la mucosa rimossa può essere riapplicata alla fine dell'intervento.

The Punch Basic Kit contains five different sizes of tissue punches and is the ideal complement to the MEISINGER trephine drills. Before the trephine drills are used, these biopsy punches will remove the tissue precisely and easily. In most cases, the tissue may be removed and replaced at the conclusion of the procedure.

Saw Basic Kit

Art.-No. 7150



La trousse Saw Basic Kit contient 4 scies diamantées dans les tailles 070, 100 et 130. L'écartement et le soulèvement de l'os maxillaire sollicitent fréquemment des scies diamantées de différents diamètres. Cet assortiment offre la possibilité au médecin traitant d'avoir sous la main une sélection de scies appropriées durant l'opération.



Il Kit Saw basic è composto da 4 dischi diamantati con i diametri di 070, 100 (2 pz.) e 130. Durante operazioni di splittaggio o di spreading osseo, sono necessari dischi di diverso diametro. Questo assortimento offre al dentista la giusta gamma di dischi tra cui scegliere, per l'intervento.

The Saw Basic Kit contains four diamond coated saws, sizes 070, 100 and 130. During bone spreading or splitting operations, diamond-coated saws of different diameters are required. This kit provides the medical practitioner with the ideal choice of sizes.

Instruments en acier RF (inoxydable) • Frese in acciaio RF (inossidabile) • Steel instruments RF stainless

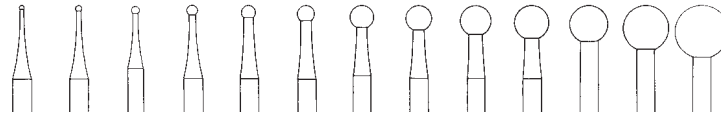
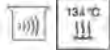
236RF stainless steel


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



Foret d'O.R.L.
Frese HNO
E.N.T. burs

Instruments diamantés • Frese diamantate • Diamond instruments

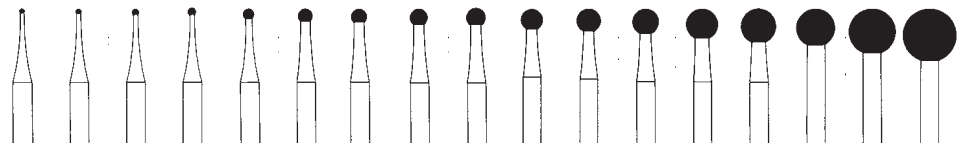
242 medium


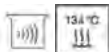
Fig.	Shank	Ref.-No.		1	1	1	1	1	1	1	1	1	1	1	1	1	1			
242	HP XL	806 106 001 524		006	007	008	010	015	018	020	023	025	027	030	035	040	045	050	060	070



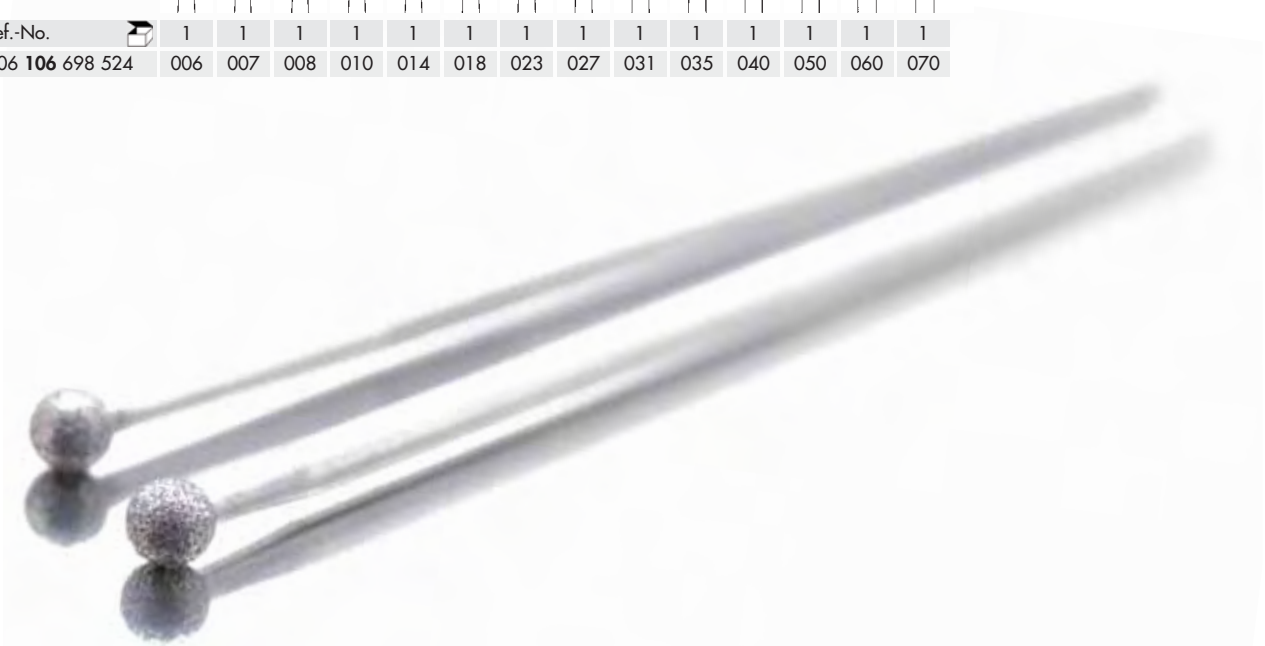
Collet court
Collo corto
Short neck


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



Collet long
Collo lungo
Long neck



Instruments en carbure • Strumenti in carburo di tungsteno • Tungsten carbide instruments

HM 236

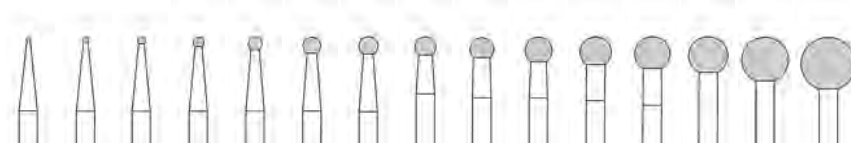


Fig.	Shank	Ref.-No.		1	1	1	1	1	1	1	1	1	1	1	1	1	1	
HM 236	HP XL	500 106 001 291		006	008	010	014	018	023	025	027	030	035	040	045	050	060	070



Foret d'O.R.L.
Frese HNO
E.N.T. burs

HM 236G

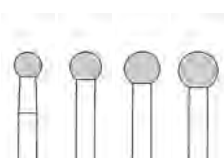


Fig.	Shank	Ref.-No.		1	1	1	1
HM 236G	HP XL	500 106 001 331		035	040	045	050



Foret d'O.R.L. grossier
Frese HNO taglio grosso
E.N.T. burs, coarse



Les coffrets et les assortiments de MEISINGER ont été expérimentés et conçus par des praticiens et d'éminents scientifiques pour couvrir les domaines d'application les plus variés dans les cabinets et les laboratoires. L'utilisateur n'a absolument plus besoin ainsi de composer des panoplies d'instruments ce qui lui épargne bien des efforts. La plupart des assortiments sont livrés dans des supports de forets faciles à employer et stérilisables.

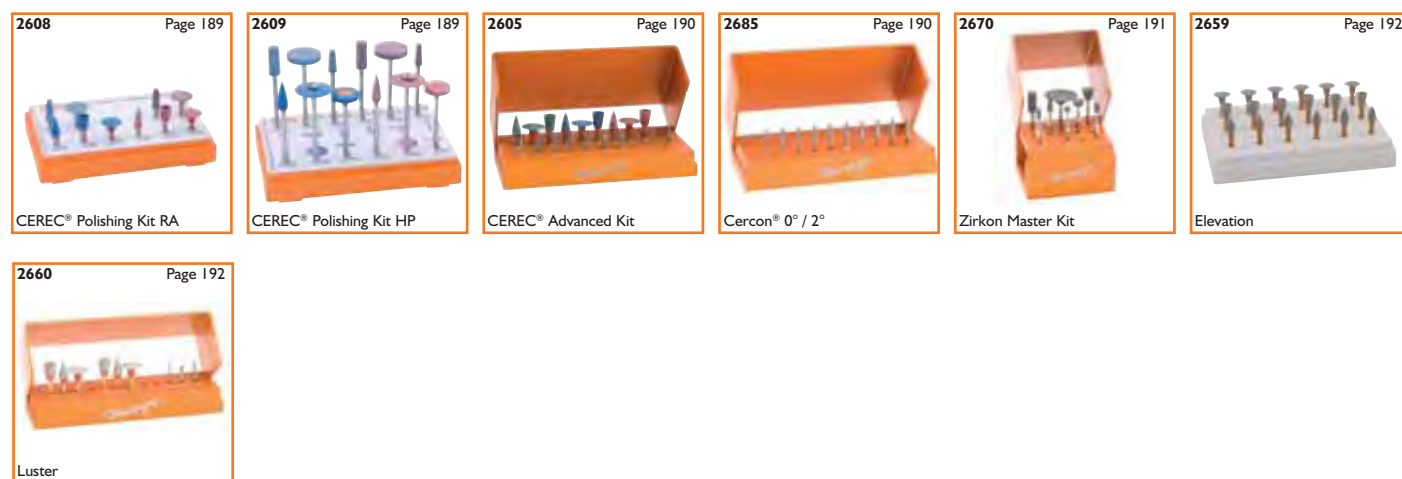
I set e gli assortimenti della Meisinger sono stati concepiti e testati da professionisti e medici di assoluto rilievo per una vasta gamma di applicazioni in studio e laboratorio. Il cliente non ha più bisogno di molti pezzi singoli. Gli assortimenti Meisinger sono disponibili in portafrese razionali e sterilizzabili.

MEISINGER sets and assortments were designed and tested by practitioners and leading scientists for a wide range of applications in practice and laboratory. Many of the assortments are delivered in user-friendly and sterilizeable bur blocks.

Coffrets destinés au cabinet dentaire • Assortimenti per studio • Clinic sets



Coffrets dédiés à la conception (C.A.O.) / fabrication assistée par ordinateur (F.A.O.) • Assortimenti per CAD/CAM • Sets for CAD/CAM



Coffrets destinés au laboratoire • Assortimenti per laboratorio • Laboratory sets



Coffrets destinés au cabinet dentaire • Assortimenti per studio • Clinic sets

- Système pour la préparation progressive, simple et contrôlée
- Marquage de profondeur sûr et bien étayé (profondeur de pénétration des fraises 4,0 mm, 6,0 mm, 8,0 mm)
- Perte de substance minimisée par un diamant en forme ogivale
- Excellent usage même dans les soins d'obturation du fait de la préparation facile des surfaces occlusales
- Procédure simple et contrôlée
- Tâche grandement facilitée, se traduisant par des résultats parfaits

- Sistema per preparare la spalla in modo semplice e preciso
- Profondità di incisione controllata e sicura (profondità di taglio 4,0 mm. - 6,0 mm. - 8,0 mm.)
- Perdita minima di materiale grazie alla fresa diamantata con forma a torpedo
- Si può anche utilizzare in odontoiatria restaurativa grazie alla facilità di lavoro sulle superfici occlusali
- Procedura semplice e controllata
- Soluzione semplice, che offre ottimi risultati

- System to achieve a simple and controlled shoulder preparation
- Supported, secure depth marking (cutting depth 4.0 mm, 6.0 mm, 8.0 mm)
- Minimal loss of substance due to torpedo-shaped diamond
- Excellent use during the filling stage due to the slight raising of the occlusal surfaces
- Simple controlled procedure
- Simple solution that delivers excellent results

B 85 x H 29 x T 39 mm

2564 Scalino Kit
developed with Dr. Grabosch



Fig.	83804	83804	838G4	838G4	83806	83806	838G6	838G6	83808	83808	838G8	838G8	830	831	833	862	862	862G	881	881G
Shank ¹	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314
Size	012	018	012	018	012	018	012	018	012	018	012	018	018	018	018	012	018	016	012	012
Length mm	4,0	4,0	4,0	4,0	6,0	6,0	6,0	6,0	8,0	8,0	8,0	8,0	4,5	3,5	3,5	8,0	8,0	8,0	8,0	8,0
Pieces/Kit	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|

¹ 314=FG

RÉDUCTION OCCLUSALE • RIDUZIONE OCCLUSALE • OCCLUSAL REDUCTION

Depth	Indications
■ 1,5 mm	Couronnes d'or Corone in oro Gold crowns
■ 1,8 mm	Couronnes cliniques courtes PFM / toutes céramiques Corone corte - in ceramica o ceramica integrale Short clinical crowns - ceramic or all ceramic
■ 2,0 mm	Couronnes CEREC®, Captek, PFM / toutes céramiques Corone in CEREC®, CapteK, ceramica o ceramica integrale PFM crowns, CEREC®, Captek, or all ceramic
■ 2,2 mm	Longes couronnes PFM (porcelain-fused-to-metal) / toutes céramiques Corone lunghe - in ceramica o ceramica integrale Long clinical crowns - PFM or all ceramic
■ 2,4 mm	Pour niveler le plan occlusive Per livellare le superfici occlusali To level the occlusal plane

RÉDUCTION MAXILLAIRE LINGUALE • RIDUZIONE LINGUALE • LINGUAL REDUCTION

■ 1,0 mm	Réduction linguale Mascellare e linguale Maxillary anterior lingual reduction
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Visit our Website:
www.occlusalrouter.com
U.S. Patent #6,511,322
Foreign Patent Pending

2565 Occlusal Reduction Kit
developed with Dr. Athas N. Kometas DMD, PA, Daytona Beach



B 73 x H 29 x T 25 mm

Fig.	828G	828O	828Y	828B	828R	828W
Shank ¹	314	314	314	314	314	315
Size	017	017	017	017	017	017
Length mm	1,5	1,8	2,0	2,2	2,4	1,0
Pieces/Kit	|	|	|	|	|	|

¹ 314=FG, 315=FG L

2568 Comprehensive T&F Carbide Kit

fin, extra fin et ultra fin • fine, extra fine e ultra fine • fine, extra fine and ultra fine

Ce coffret contient des alésoirs en métal dur, parfaitement adaptés les uns aux autres et destinés au finissage des restaurations composites. Les instruments ont été spécialement mis au point pour le surfacage des dents de devant et le façonnage varié des composites. De par sa forme particulière HM 379, l'alésoir présente la condition idéale pour finir et façonner les contours dans les zones palatinales / linguales.

Questo set contiene frese a finire in tungsteno che si combinano tra loro per la rifinitura di restauri in composito. Gli strumenti sono stati studiati in modo particolare per la lavorazione delle superfici dei denti incisivi e per i molteplici impieghi del composito. La fresa a finire in tungsteno HM379 a forma di uovo ha la forma perfetta per i contorni e la finitura nel settore linguale / palatale. Gli strumenti di questo kit hanno il gambo FG.

The HM48L series is the perfect shape for feathering the facial surfaces of anterior teeth. Additionally, the kit includes four varying lengths of finishing burs which allow for greater versatility in finishing and contouring anterior composites. The HM379 egg shaped carbides provide the perfect shape for lingual contouring and finishing. The instruments in this kit are in friction grip (FG) shank.



Fig.	HM48L	HM48LF	HM48LU	HM132	HM132F	HM132U	HM133	HM133F	HM133U
Shank ¹	314	314	314	314	314	314	314	314	314
Size	012	012	012	008	008	008	010	010	010
Length mm	8,0	8,0	8,0	3,1	3,1	3,1	4,2	4,2	4,2
Pieces/Kit	1	1	1	1	1	1	1	1	1



Fig.	HM134	HM134F	HM134U	HM135	HM135F	HM135U	HM247	HM247F	HM247U	HM379	HM379F	HM379U
Shank ¹	314	314	314	314	314	314	314	314	314	314	314	314
Size	014	014	014	014	014	014	009	009	009	023	023	023
Length mm	6,0	6,0	6,0	9,0	9,0	9,0	3,1	3,1	3,1	4,2	4,2	4,2
Pieces/Kit	1	1	1	1	1	1	1	1	1	1	1	1

¹ 314=FG



B 54 x H 29 x T 25 mm



2664 Composite Finishing Kit

Ces instruments permettent d'obtenir des qualités de surface optimales lors du finissage et du polissage des obturations composites. Hormis le façonnage des dents de devant (lingual) et des surfaces occlusales au niveau des dents latérales ainsi que des surfaces interproximales, ils offrent aussi la possibilité d'un travail ciblé sur les interstices au niveau des molaires et prémolaires. Utilisables à des fins multiples, les divers polissoirs complètent ce coffret à merveille. En outre, ils servent au polissage parfait de fissures et au finissage des surfaces labiales sur les dents de devant.

Questi strumenti consentono di raggiungere con finitura e lucidatura un'ottima qualità di superficie delle otturazioni in composito. Sono stati studiati per la lavorazione dei denti incisivi (parte linguale), delle superfici occlusali dei denti posteriori, per la preparazione delle superfici interproximali ed anche per gli spazi interdentali dei denti posteriori. I diversi gommini per lucidare ad utilizzo universale completano in modo eccellente il set. Questi consentono una perfetta lucidatura delle fessure e la rifinitura delle superfici labiali dei denti incisivi.

The two "football" shaped diamonds 830 and 833 assist in finishing the anterior lingual and posterior occlusal surfaces. The HM246U T&F carbide is perfect for interproximal surfaces while the HM247U is exceptional for posterior occlusion and embrasures. The polishers complete the kit as the 9762 and 9782 are perfect for polishing pits and fissures, as well as, the facial surface on anterior teeth.



Fig.	830F	833F	HM246U	HM247U	HM274U	9712M	9714M	9718M	9712F	9714F	9718F
Shank ¹	314	314	314	314	314	204	204	204	204	204	204
Size	023	023	009	009	016	040	060	100	040	060	100
Length mm	5,0	4,2	3,6	3,1	3,7	10,5	7,5	3,0	10,5	7,5	300
Pieces/Kit	1	1	1	1	1	1	1	1	1	1	1

¹ 314=FG, 204=RA



B 73 x H 29 x T 25 mm



2662 Intra Oral Porcelain Adjustment Kit

Ce coffret offre un large choix d'instruments spéciaux, destinés au façonnage intraoral, au finissage et au polissage de restaurations céramiques. L'abrasif diamanté 820 permet le retrait sûr et rapide du matériau excédentaire dans la zone interdentaire. Le diamant à grains fins 890F a été élaboré pour améliorer l'anatomie et les interstices dans la zone des molaires. La forme 833F sert au finissage efficace tant des dents de devant (palatal / lingual) et des surfaces occlusales que des molaires. Afin de parachever le polissage des restaurations, des polissoires en diamant-porcelaine figurent dans le coffret dans deux formes et dans trois granulations différentes.

Questo kit offre una vasta gamma di strumenti speciali per una preparazione, rifinitura e lucidatura dei restauri ceramici. La fresa diamantata 820 rimuove il materiale in eccesso negli spazi interdentali in modo veloce e sicuro. La fresa diamantata 890F si utilizza per migliorare l'anatomia e gli spazi interdentali nel settore dei molari. La 833F permette di rifinire le superfici dei denti incisivi palatali/linguali e le superfici occlusali anche dei molari. Per una lucidatura perfetta dei restauri in porcellana sono inclusi nel set gommini diamantati in due forme diverse e in tre tipi diversi di granulometria.

Like our Composite Finishing Kit (2664) this kit allows for finishing all porcelain restorations. The removal of excess flash and overhang may be accomplished by using the 820 shape diamond. The 890F diamond can be used to refine posterior anatomy or embrasures. The 833F diamond assists with finishing anterior lingual or posterior occlusal surfaces. Additionally, there are two shapes and three grits of diamond impregnated porcelain polishers.




Fig.	820F	833F	890F	9743G	9744G	9743M	9744M	9743F	9744F
Shank ¹	314	314	314	204	204	204	204	204	204
Size	016	023	010	040	060	040	060	040	060
Length mm	5,0	4,2	4,0	10,0	7,5	10,0	7,5	10,0	7,5
Pieces/Kit	|	|	|	|	|	|	|	|	|

¹ 204=RA, 314=FG



B 73 x H 29 x T 25 mm

2595 Opti-Shape-Set according to Diedrichs

Assortiments pour préparer des couronnes, des couronnes partielles, des incrustations en profondeur (inlay) et des incrustation à recouvrement (onlay). Spécialement conçus pour des restaurations galvanocéramiques, céramométalliques et tout en céramique (par ex. restaurations AGC par galvanoplastie).

Assortimento per la preparazione di corone, corone parziali, inlay e onlay. Concepito soprattutto per i restauri galvano-ceramic, metalceramici e ceramici (ad es. i restauri AGC).

Assortments for the preparation of crowns, partial crowns, inlays and onlays. Specially developed for galvano-ceramic, metal-ceramic and all ceramic restorations (for example AGC restorations).



B 67 x H 30 x T 67 mm





Fig.	833	846KR	847KR	868	869	908	HM212KR	HM212LR	HM244	HM245	HM379
Shank ¹	314	314	314	314	314	316	314	314	314	314	314
Size	023	023	016	014	014	036	023	016	014	014	023
Length mm	4,2	3,5	8,0	8,0	10,0	1,5	3,5	8,0	8,0	10,0	4,2
Pieces/Kit	|	|	|	|	|	|	|	|	|	|	|

¹ 314=FG, 316=FG XL

2531 Preparation Set according to Baltzer

Le nouveau coffret Dia 2531 permet pour la première fois au dentiste de parvenir à l'épaisseur de matériau optimale par une réduction prédéfinie lors de la préparation progressive et de congé tout en céramique sans accessoires spéciaux. La préparation d'un congé à l'aide d'une tige de guidage : des instruments diamantés de forme ogivale se prêtent à la réalisation d'un congé défini à l'aide d'une tige de guidage disposé axialement, car le congé est tout d'abord aménagé circulairement dans une zone légèrement supragingivale, pendant que la tige de guidage polie est alors dirigée autour de la dent sans aucune pression.

Il nuovo set di frese diamantate Kit 2531 permette al dentista di avere un'abrasione predefinita, asportando uno spessore determinato di materiale per la preparazione Chamfer e di spalle per restauri in porcellana. Si esegue la preparazione Chamfer utilizzando una fresa diamantata a forma di torpedino, con perno guida, che consente un'adeguata e precisa riduzione assiale della parete come richiesto per l'utilizzo di vari materiali da restauro. La fresa diamantata con perno guida deve essere usata con una pressione minima e crea margini gengivali lisci e ben definiti.

The 2531 Preparation set allows the practitioner to prepare Chamfer and Shoulder creon preparations predictably, easily, and precisely. Utilizing the guide pin diamonds allows for the proper axial wall reduction required by the various restorative materials. The guide pin diamonds can be used with minimal pressure and creates for smooth, well defined margins.



B 54 x H 29 x T 25 mm



Fig.	508G	508G	508F	508F	801	830G	830F	837L	863	863F	878G	878F	909	661XF
Shank ¹	314	314	314	314	314	314	314	314	314	314	314	314	314	314
Size	016	020	016	020	029	023	023	012	016	012	016	016	055	025
Length mm	7,5	7,5	7,5	7,5		5,0	5,0	8,0	10,0	10,0	8,0	8,0	2,0	7,0
Pieces/Kit	|	|	|	|	|	|	|	|	|	|	|	|	|	|

¹314=FG

2522 Preparation Set according to Meschke



Coffret de préparation facile à manipuler pour éroder un volume défini de matériau dans la zone de préparation de couronnes et d'incrustations en profondeur (inlay).

Set per preparazione semplice e facile da utilizzare per la rimozione di materiale per preparazione di corone e di Inlay.

An easy and user friendly preparation set for defined material removal for crowns and inlay preparation.

B 67 x H 30 x T 67 mm

Fig.	809	838G	838F	838LG	838LF	849G	855G	866	867F	868G	868G	868G	868F	868F	868F	899	HM21RX
Shank ¹	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314
Size	008	012	012	012	012	025	016	009	009	012	014	016	012	014	016	027	010
Length mm	2,0	4,0	4,0	7,0	7,0	7,0	4,0	5,0	6,0	8,0	8,0	8,0	8,0	8,0	8,0	7,0	4,1
Pieces/Kit	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|

¹314=FG

2560 Preparation Set according to Küpper

„Polyclinique de prothèses dentaires et de science des matériaux (directeur : Dr Harald Küpper) de l'université d'Iéna.

Pour des techniques d'élaboration de couronnes novatrices et classiques :

- Couronnes vitrocéramiques
- Couronnes tout en céramique
- Couronnes oxycéramiques
- Couronnes céramométalliques

Policlinico per protesica dentale e per lo studio dei materiali (Direttore: prof. universitario Dr. Harald Küpper) presso l'università di Jena.

Per la tecnologia innovativa e tradizionale delle corone:

- Corone in vetro ceramica
- Corone in ceramica
- Corone in ossiceramica
- Corone in metalceramica

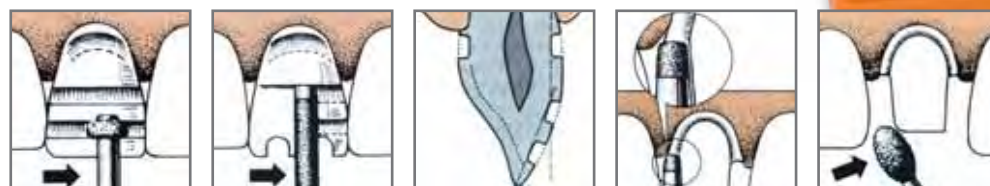
Policlinic for dental prosthetic (Director: Univ.-Prof. Dr. Harald Küpper) from University of Jena.

For innovative and conventional crown technology:

- Glass-ceramic crowns
- All-ceramic crowns
- Oxide-ceramic crowns
- Metal-ceramic crowns

Fig.	833	843	856	856C	882	908	908	908
Shank ¹	314	316	316	316	314	316	316	316
Size	023	016	016	016	012	028	032	036
Length mm	4,2	11,0	2,5	2,5	10,0	1,5	1,5	1,5
Pieces/Kit	|	|	|	|	|	|	|	|

¹ 314=FG, 316=FG XL



B 67 x H 30 x T 67 mm

2413 Laminate Veneer Kit

Ce coffret contient un assortiment parfaitement adapté pour réaliser des facettes dans la zone des dents de devant. Les meules abrasives à rainures 834 permettent alors de générer une profondeur de coupe définie (de 0,3 à 0,5 mm) sur la surface labiale des dents. Les instruments diamantés 852 servent notamment à la réduction rapide de la substance dure de la dent (labial) jusqu'à la profondeur prédéterminée, sachant que l'instrument est aussi utilisable dans les zones palatinales / linguales. Les diamants de la forme 820 suppriment la substance excédentaire dans la zone interdentaire et les diamants 889L et 898 assurent la finition efficace du bord, tout en pouvant être employés également dans la zone sous-gingivale.

Questo set contiene frese specifiche per applicazioni di faccette sulla superficie di denti incisivi e canini. Le due frese diamantate ad anelli 834 016 e 021 consentono di creare dei solchi predefiniti sulla superficie labiale dei denti. La più piccola crea solchi di 0,3 mm. di profondità, mentre la più grande produce solchi di 0,5 mm. di profondità. Le frese diamantate 852 riducono in modo veloce e predeterminato la superficie labiale dei denti. Questo strumento diamantato può essere utilizzato anche nella regione palatale e linguale. Le frese diamantate 820 rimuovono in modo sicuro il materiale in eccedenza nello spazio interdentale e le frese diamantate 889L e 898 consentono una rifinitura efficiente dei bordi e possono anche essere utilizzate nelle zone subgingivali.

The two depth cutters 834-016 and 834-021 assist with creating pre defined depths on facial surfaces. The smaller creates a 0.3 mm depth on the central incisors and canines, while the larger creates a 0.5 mm depth on lateral incisors. The 852 series reduces the facial tooth structure to the pre determined depth. The 852 shaped diamond may also be used on the lingual wrap. The 820 shaped diamond removes interproximal flash and overhang. The 889L and 898 diamonds create an infinite margin and may assist subgingivally. The instruments in this kit are in friction grip (FG) shank.



Profondeur de coupe
Profondità di taglio
Cutting depth

B 41 x H 29 x T 25 mm

Fig.	820C	833C	834	834	852	852	852G	852G	889LF	898C
Shank ¹	314	314	314	314	314	314	314	314	314	314
Size	016	023	016	021	016	018	016	018	009	014
Length mm	5,0	4,2	6,0	6,0	10,0	10,0	10,0	10,0	3,5	6,0
Pieces/Kit	|	|	|	|	|	|	|	|	|	|

¹ 314=FG



2540 Plaque Set

Pour le retrait optimal de plaque résiduelle dans la zone sous-gingivale. Pour le traitement de dents à deux ou trois racines souffrant d'une forte perte de substance osseuse et ne pouvant être atteintes avec une curette ou un instrument à détartre. Les sites inaccessibles sont élargis au moyen de diamants à anneau rouge. Les plaques dentaires et le tartre déposés à la surface des racines sont enlevés à l'aide de diamants à anneau jaune. Le meilleur lissage de la surface radiculaire est réalisé avec des diamants à anneau blanc. Ce coffret constitue le complément idéal pour soigner parfaitement les surfaces radiculaires lors du traitement de la parodontose.

Per la rimozione della placca residua nelle aree sub-gingivali. Per il trattamento di denti con 2 o 3 radici e con recessione ossea importante, in aree non raggiungibili da curette o scaler. Le frese diamantate con anello rosso servono per raggiungere aree inaccessibili. Depositi e placca dentale si rimuovono dalla superficie radicolare con le frese diamantate ad anello giallo. La levigatura delle superfici radicolari si ottiene con frese diamantate ad anello bianco. Il kit è ideale per un trattamento perfetto delle superfici radicolari nelle terapie di parodontiti

For removing residual plaque from subgingival areas. For treating teeth with two or three roots and severe bone recession which cannot be reached with a curette or scaler. Inaccessible areas should be extended with red ring diamonds. Deposits and calculus should be removed from the root surface with yellow ring diamonds. Best smoothing of root surfaces can be obtained with the white ring diamonds. Root surface treatment, when treating periodontitis, can be achieved minimally invasively utilizing this kit.



Fig.	830LF	830LF	830LC	830LC	830LU	830LU	849LC	849LC	849LF	849LF	849LU	849LU
Shank ¹	205	206	205	206	205	206	205	206	205	206	205	206
Size	014	014	014	014	014	014	012	012	012	012	012	012
Length mm	5,0	5,0	5,0	5,0	5,0	5,0	7,0	7,0	7,0	7,0	7,0	7,0
Pieces/Kit	1	1	1	1	1	1	1	1	1	1	1	1

¹ 205=RA L, 206=RA XL

2582 Temporary Solution Kit developed with ZTM Michel

Coffret pour façonner et élaborer simplement des prothèses provisoires sans aucun stress dans le cabinet dentaire.

Kit per l'elaborazione e la preparazione semplificata di provvisori nello studio dentistico.

A set for stress-free and easy treatment and development of interim solutions in the dental clinic.



B 50 x H 69 x T 39 mm

Fig.	HM79GX	HM488FX	402	110	150
Shank ¹	104	104	104	104	104
Size	040	016	220	190	220
Length mm	14,2	8,0	2,3	1,5	10,0
Pieces/Kit	1	1	1	1	1

¹ 104=HP

Coffrets dédiés à la conception (C.A.O.) / fabrication assistée par ordinateur (F.A.O.) • Assortimenti per CAD/CAM • Sets for CAD/CAM

2608/2609 CEREC® Polishing Kits CEREC® is a product / trade of Sirona, Germany

Deux nouveaux coffrets, spécialement composés pour répondre aux besoins du cabinet dentaire et du laboratoire de fabrication de prothèses pour façonner et polir des céramiques dentaires, très performantes, tels que l'oxyde d'aluminium et l'oxyde de zirconium.

Due Kit nuovi e specifici per l'utilizzo in studio od in laboratorio per la lavorazione e la lucidatura di ceramica dentale ad alte prestazioni come l'ossido d'alluminio o l'ossido di zirconio.

Two new sets for machining and polishing high-performance dental ceramics, such as aluminium oxide and zirconium oxide. These kits were specially designed for both the dental practitioner and the laboratory technician.

Tous les contre-angles
Tutto per contrangolo
All right angle

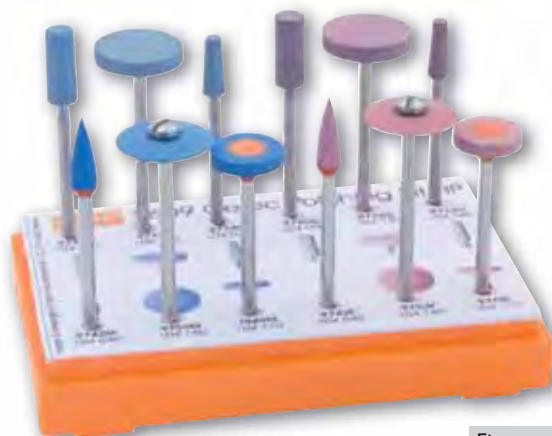


Art.-No. 2608

Fig.	9743M	9744M	9746M	9743F	9744F	9746F	9734H	9733H	9734G	9733H
Shank ¹	204	204	204	204	204	204	204	204	204	204
Size	040	060	100	040	060	100	040	115	040	115
Length mm	10,0	7,5	2,5	10,0	7,5	2,5	11,0	3,0	11,0	3,0
Pieces/Kit	|	|	|	|	|	|	|	|	|	|

¹ 204=RA

Toutes les pièces à main
Tutto per manipolo
All handpiece



Art.-No. 2609

Fig.	9742M	9753M	9749M	9742F	9753F	9749F	9735H	9736H	9734H	9735G	9736G	9734G
Shank ¹	104	104	104	104	104	104	104	104	104	104	104	104
Size	040	150	110	040	150	110	050	150	040	050	150	040
Length mm	13,0	2,5	2,0	13,0	2,5	2,0	13,0	2,5	11,0	13,0	2,5	11,0
Pieces/Kit	|	|	|	|	|	|	|	|	|	|	|	|

¹ 104=HP

2605 CEREC® Advanced Kit CEREC® is a product / trade of Sirona, Germany

Le coffret CEREC® Advanced permet d'exécuter toutes les étapes nécessaires à la préparation, à l'adaptation et à la finition d'une prothèse CEREC® avec rapidité, efficacité et précision.

Con il Kit CEREC® avanzato è possibili effettuare tutti i passaggi di preparazione, lavorazione e rifinitura del restauro CEREC® in modo rapido, efficiente e preciso.

With the CEREC® Advanced-Set you can carry out all stages necessary for preparation, adjustment and finishing of the CEREC® restoration quickly, efficiently and precisely.



B 41 x H 29 x T 25 mm



Fig.	833	833F	833F	837G	837G	850G	862F	862F	876F	HM31C	9743G	9744G	9746G	9743M	9744M	9746M	9743F	9744F	9746F	L	
Shank ¹	314	314	314	314	314	314	314	314	314	314	204	204	204	204	204	204	204	204	204	204	
Size	023	012	023	014	018	014	010	016	012	012	040	060	100	040	060	100	040	060	100	100	
Length mm	4,2	2,8	4,2	6,0	6,0	8,0	8,0	8,0	5,0	4,1	10,0	7,5	2,5	10,0	7,5	2,5	10,0	7,5	2,5	2,5	
Pieces/Kit	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|	|

¹ 204=RA, 314=FG

2685 Cercon® 0° / 2° Cercon® is a product / trade of Sirona, Germany

Assortiment pour l'application Cercon® dans la CAO/FAO. Il est fait usage d'instruments d'un angle de 0° dans la technique à faces parallèles et d'instruments d'un angle de 2° dans la technique en cône.

Assortimento per la tecnica Cercon® CAD/CAM. Le frese utilizzate per la tecnica del parallelometro hanno un angolo di 0° e quelle usate per la tecnica di conimetria hanno un'angolazione di 2°.

Assortment for Cercon® in CAD/CAM – Technology. Instruments used for the parallel milling technique have an angle of 0° and for the conical milling technique an angle of 2°.



B 84 x H 29 x T 39 mm

Fig.	881Z1	881Z2	881Z3	881Z4	881Z5	852Z1	852Z2	852Z3	852Z4	852Z5
Shank ¹	314	314	314	314	314	314	314	314	314	314
Size	017	017	017	017	017	024	024	024	024	024
Length mm	9,5	9,5	9,5	9,5	9,5	10,0	10,0	10,0	10,0	10,0
Pieces/Kit	|	|	|	|	|	|	|	|	|	|

¹ 314=FG

2670 Zirkon Master Kit

Assortiment pour façonner des restaurations en oxyde de zirconium. Faisant l'objet d'une prédilection accrue, ce matériau de pointe peut être façonné très facilement et précisément à l'aide des nouvelles meules abrasives au zirconium. Une meilleure érosion et une pression appliquée moindre font de ces meules abrasives les instruments incontournables du modelage dans la technique de CAO/FAO.

Assortimento per la lavorazione di restauri in ossido di zirconio. Questo materiale ad alto contenuto tecnologico ha una popolarità sempre crescente ed è possibile lavorarlo con i nuovi abrasivi in zirconio facili e precisi da utilizzare. Una migliore abrasione con scarsa pressione, rende questi abrasivi ideali per la progettazione nella tecnica CAD/CAM.

The Zirkon Master Kit for use on zirconiumoxide-restorations. These high-tech materials give pleasure to an ever growing popularity and allow the new zirconium abrasives to be used easily and precisely. Minimal grinding pressure makes this an ideal instrument for designing in CAD/CAM-technology with minimal heat buildup.



Fig.	Z602	Z623	Z638	Z652R	Z667	Z722	Z732	Z736
Shank ¹	104	104	104	104	104	104	104	104
Size	040	060	025	035	035	180	050	065
Length mm		3,0	6,0	10,5	7,0	2,5	12,5	6,5
Pieces/Kit	|	|	|	|	|	|	|	|

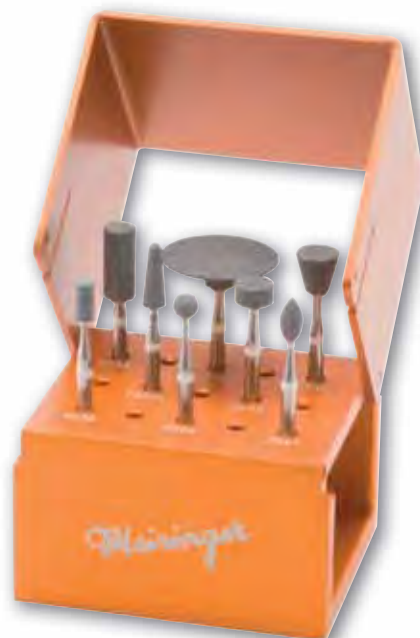
¹ 104=HP



- Idéal pour le façonnage à sec
- Vitesse de rotation réduite (max. 10 000 min⁻¹)
- Très bonne réduction de matériau moyennant une usure infime
- Surfaçage ultraprécis sans refroidissement
- Moyen d'éviter des microfissures sur l'oxyde de zirconium
- Faible dégagement de chaleur

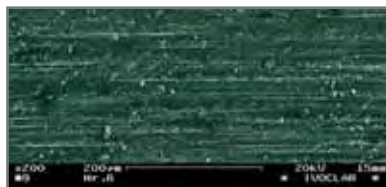
- Ideali per la lavorazione a secco
- Basso numero di giri (max. 10.000 min⁻¹)
- Ottima abrasione di materiale con pressione minima
- Lavorazione ottimale della superficie senza necessità di raffreddamento
- Si evita la formazione di microfessure nell'ossido di zirconio
- Minima produzione di calore

- Ideal for dry surface work
- Low rotation speed (max. 10,000 min⁻¹)
- Minimal wear due to optimal material abrasion
- Fine surface work without cooling
- Prevention of hairline cracks on zirconium oxide
- Low heat buildup



B 50 x H 69 x T 39 mm

Aucune microfissure lors du façonnage à sec
Senza microfessure nel trattamento a secco
No microcracks in dry treatment



2659 Elevation

„Des polissoirs composites diamantés à usage unique permettent d’obtenir une haute brillance sur des restaurations.

Gommini diamantati monouso per lucidare il composito su restauri ed ottenere una lucidatura a specchio.

Single-Step Diamond Composite Polishers for achieving the “high shine” on your restorations.

Elevation
composite polishers




Fig.	D9780	D9781	D9782
Shank ¹	204	204	204
Size	041	057	080
Length mm	10,0	7,5	2,5
Pieces/Kit	6	6	6



¹ 204=RA



2660 Luster Diamond Porcelain Polishers

Luster



B 80 x H 29 x T 25 mm




Fig.	9780	9781	9782	HMI35	HM379	HM246
Shank ¹	204	204	204	314	314	314
Size	040	060	100	014	018	009
Length mm	10,0	7,5	2,5	9,0	3,5	3,6
Pieces/Kit	2	2	2	1	1	1

¹ 204=RA, 314=FG

Coffrets destinés au laboratoire • Assortimenti per laboratorio • Laboratory sets

2581 Sinfony™ Kit Sinfony™ is a product / trade of 3M Espe, Germany

Assortiment pour façonner et modeler les surfaces d'incrustations en résine.

Assortimento per la preparazione e lavorazione delle superfici con rivestimento in resina.

Kit of instruments for shaping and finishing the surfaces of plastic veneer.



Fig.	HM23FX	HM73MF	9507P	9508P	9507H	9508H
Shank ¹	104	104	104	104	104	104
Size	023	023	050	145	050	145
Length mm	11,5	4,1	16,0	2,5	16,0	2,5
Pieces/Kit	1	1	1	1	1	1

¹ 104=HP



Fig.	100	150	253
Shank ¹	104	104	104
Size	220	220	250
Length mm	2,0	10,0	11,0
Pieces/Kit	1	1	1

¹ 104=HP



B 100 x H 68 x T 39 mm

2638 Acrylic Adjustment Kit

Le nouveau coffret de correction de prothèse offre une vaste panoplie d'instruments pour exécuter facilement et rapidement d'innombrables rectifications sur la résine dans le cabinet dentaire. La géométrie innovante de la denture des fraises en métal dur, contenues dans l'assortiment, assure l'obtention de surfaces lisses comme jamais, dès l'emploi de ces instruments. Fruit de longs travaux d'études, les divers polissoirs en matière plastique se caractérisent par des performances et une durabilité extrêmement élevées.

Il nuovo set per le riparazioni delle protesi in acrilico offre un vasto strumentario per la realizzazione semplice e veloce di diverse modifiche da effettuare su materiale acrilico in studio. La geometria innovativa di taglio dei fresoni in tungsteno contenuti nell'assortimento consente, usando questi strumenti, di ottenere superfici estremamente lisce. L'assortimento contiene oltre ai fresoni in tungsteno anche 6 gommini per lucidare in tre diverse grane, risultato di studi durati anni. Questi gommini si distinguono per lo straordinario rendimento e per la durata. Il kit completo, incluso il portastrumenti è autoclavabile

A simple and straight forward approach to allow chairside adjustments of acrylic without the problem associated with pumice. Two of our most requested acrylic burs and six acrylic polishers in three grits are included. This entire kit, including bur block, is autoclavable.



B 100 x H 68 x T 39 mm



Fig.	HM79FX	HM251FX	9572V	9573V	9572P	9573P	9572H	9573H
Shank ¹	104	104	104	104	104	104	104	104
Size	040	060	150	100	150	100	150	100
Length mm	14,2	14,7	17,0	24,0	17,0	24,0	17,0	24,0
Pieces/Kit	1	1	1	1	1	1	1	1

¹ 104=HP

1470 Ceramics Polishing Kit

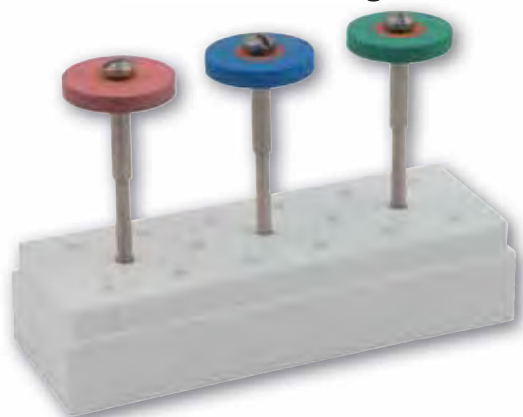


Fig.	9752G	9752M	9752F
Shank ¹	104	104	104
Size	170	170	170
Length mm	2,5	2,5	2,5
Pieces/Kit	1	1	1



¹ 104=HP

1320 / 1321 Titanium Kits developed with University RWTH Aachen

1320 Titanium Master Kit

Le coffret des professionnels du métal dur "HARTMETALLPROFIS" pour façonner le titane au laboratoire et dans le cabinet dentaire.

L'assortiment de fraises en métal dur mis au point en coopération avec la clinique de prothèses dentaires de l'université technique de Rhénanie-Westphalie (RWTH) d'Aix-la-Chapelle offre de multiples moyens pour travailler différentes qualités de titane.

I professionisti in tungsteno per la lavorazione su titanio in studio ed in laboratorio. Sviluppato in collaborazione con la Clinica universitaria di protesica ad Aachen, questo set offre molteplici possibilità di lavoro con differenti qualità di titanio.

The TUNGSTEN CARBIDE PROFESSIONALS for working with titanium in dental laboratories and clinics

Developed in cooperation with the Clinic for Prostodontics of the Technical university in Aachen, this set of carbide cutters that provide the means of processing different qualities of titanium.

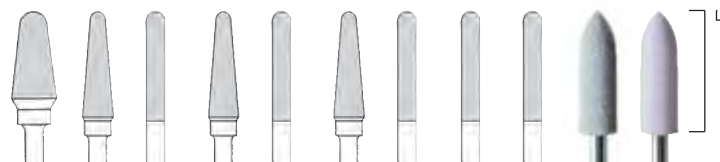


Fig.	HM79ST	HM79HT	HM486HT	HM79GT	HM486GT	HM79FT	HM486FT	HM486ET	HM486UT	9555P	9555H
Shank ¹	104	104	104	104	104	104	104	104	104	104	104
Size	060	040	023	040	023	040	023	023	023	050	050
Length mm	12,7	14,2	14,0	14,2	14,0	14,2	14,0	14,0	14,0	16,0	16,0
Pieces/Kit	1	1	1	1	1	1	1	1	1	1	1

¹ 104=HP

B 100 x H 68 x T 39 mm



1321 Titanium Power Kit



B 50 x H 69 x T 39 mm

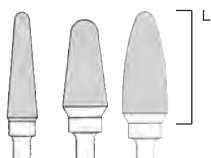


Fig.	HM79ST	HM79ST	HM251ST
Shank ¹	104	104	104
Size	040	060	060
Length mm	14,2	12,7	14,7
Pieces/Kit	1	1	1

¹ 104=HP

Le coffret d'irréductibles "KOMPROMISSLOSEN" pour façonner le titane. Les nouvelles fraises en métal dur ST se distinguent par la géométrie super-grossière de leurs lames, nouvellement mise au point, et une réduction de volume extrêmement rapide.

Gli intransigenti per la lavorazione su titanio. Le nuove frese in carburo di tungsteno ST si distinguono grazie allo sviluppo di una nuova geometria di taglio supergrossa che riduce rapidamente il volume della parte lavorata.

The UNTOUCHABLES for working with titanium. The new carbide cutters ST are distinguished by their recently developed super-coarse cutting geometry and their extremely quick trimming.

MDC Bain nettoyant de forets Bagno per frese Drill bath

MEISINGER Disinfection & Cleaning

La solution pratique et économique pour nettoyer et désinfecter l'ensemble des instruments de la médecine dentaire. Le bain MDC se caractérise par son pouvoir détergent élevé et par son excellente protection anticorrosion. Efficace très rapidement, il présente en même temps une grande compatibilité avec les matériaux et il permet par ailleurs le nettoyage de tous les instruments dentaires sans dégager d'odeurs nauséabondes.

Soluzione comoda ed economica per pulire e disinfettare tutti gli strumenti usati in odontoiatria. MDC è caratterizzato dalla sua elevata capacità di pulizia con una eccellente protezione contro la corrosione. E' attivo immediatamente e offre allo stesso tempo un'alta compatibilità con i materiali e permette una pulizia di tutto lo strumentario senza lasciare odori sgradevoli.

The comfortable and economic solution for cleaning and disinfecting the complete range of dental-medical instruments. MDC distinguishes itself by its high cleansing strength and excellent corrosion prevention. It is immediately effective and offers at the same time a high material compatibility, in addition, enabling the cleansing of the whole dental range of instruments without unpleasant odours.



Art.-No. MDC01

Flacon doseur de 1.000 ml
1.000 ml. bottiglia con dosatore
1.000 ml dosage bottle

2820 RS-Spray

Vaporisateur de protection antirouille stérilisable pour les instruments en acier Champ d'application : il empêche la formation de rouille pendant et après la stérilisation avec fiabilité.

Approprié à tous les procédés de stérilisation: en autoclave à max. 407 K (134 °C) dans des stérilisateurs à air chaud à max. 453 K (180 °C).

Spray antiruggine sterilizzabile per gli strumenti in acciaio. Applicazione: Lo spray anticorrosivo sterilizzabile evita in modo efficace l'ossidazione durante e dopo la sterilizzazione.

E' adatto a tutti i tipi di sterilizzazione.

Autoclave max. 407 K (134 °C)

Sterilizzazione ad aria calda - max. 453 K (180 °C).

Rust preventing spray, sterilizable, for steel instruments: Purpose of application: The rust preventing spray prevents rusting during and after sterilization. Applicable for all methods of sterilization.

Autoclave max. 134 °C / 273,2 °F

Hot air sterilization max. 180 °C / 356 °F



430

Brosse de nettoyage de forets, brosse à frotter, à fils de laiton
Nettafrese in filo di ottone
Bur cleaning brush, scrubbing brush, brass



Fig.	ISO-No.	1
430	200 000 599 000	250

431

Brosse de nettoyage de forets, brosse à frotter, à fils de nylon
Nettafrese in filo di nylon
Bur cleaning brush, scrubbing brush, nylon



Fig.	ISO-No.	1	1
431	110 000 599 000	200	250

Interdental wedges according to Dr. Grabosch

34401

5 anneaux portant 24 coins chacun de taille 1 jaune (petite)
5 anelli con 24 cunei mis. 1 giallo (piccoli)
5 circles of each 24 wedges of size 1, yellow (small)

34402

5 anneaux portant 24 coins chacun de taille 2 rouge (moyenne)
5 anelli con 24 cunei mis. 2 rosso (medi)
5 circles of each 24 wedges of size 2, red (medium)

34403

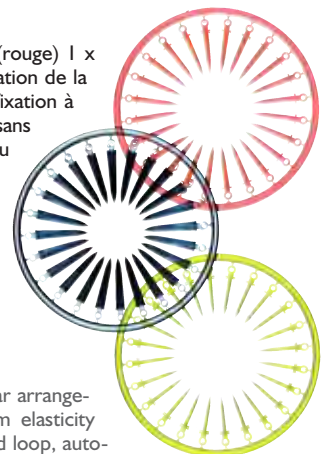
5 anneaux portant 24 coins chacun de taille 3 bleue (grande)
5 anelli con 24 cunei mis. 3 blu (grossi)
5 circles of each 24 wedges of size 3, blue (big)

34405

Boîte d'assortiment comprenant 2 x taille 1 (jaune), 2 x taille 2 (rouge) 1 x taille 3 (bleue) : manipulation et fonctionnalité optimales, identification de la taille par une couleur caractéristique, rangement assuré par une fixation à l'anneau en POLYCARBONATE fluorescent, cavités élastiques sans cadmium facilitant l'adaptation, sécurité médico-légale garantie au moyen d'un fil et d'une boucle, autoclavable

Confezione assortita con 2 anelli mis. 1 giallo (piccoli) 2 mis. 2 rosso (medi) 1 mis. 3 blu (grossi): funzionali, facili da usare, indicazione della grandezza grazie al codice colore, i cunei sono fissati in cerchio, prodotti in policarbonato fluorescente, non contengono cadmio, forma elastica, per una migliore adattabilità, sicuri con filo di prevenzione ed occhiello, autoclavabili

Assorted box of 2 x size 1 (yellow), 2 x size 2 (red), 1 x size 3 (blue): functional, optimum handling, colour codification, fixed in a circular arrangement made of fluorescent POLYCARBONATE, free of cadmium elasticity moulds for optimum adaptability, security by preventive thread and loop, autoclavable





ORI00



B 40 x H 32 x T 25 mm

Pour 5 instruments de type contre-angles et 10 FG
Per 5 frese CA e 10 frese FG
For 5 RA instruments and 10 FG instruments

ORI02



B 54 x H 29 x T 25 mm

Pour 7 instruments de type contre-angles et 14 FG
Per 7 frese CA e 14 frese FG
For 7 RA instruments and 14 FG instruments

OR202



B 41 x H 32 x T 25 mm

Pour 15 instruments de type contre-angle
Per 15 frese CA
For 15 RA instruments

OR300



B 41 x H 29 x T 25 mm

Pour 15 instruments FG
Per 15 frese FG
For 15 FG instruments

OR302



B 54 x H 29 x T 25 mm

Pour 21 instruments FG
Per 21 frese FG
For 21 FG instruments

OR603



B 73 x H 29 x T 25 mm

Pour 6 instruments de type contre-angles et 12 FG
Per 6 frese CA e 12 frese FG
For 6 RA instruments and 12 FG instruments

OR606



B 73 x H 29 x T 25 mm

Pour 30 instruments FG
Per 30 frese FG
For 30 FG instruments

OR622



B 80 x H 29 x T 25 mm

Pour 12 instruments de type contre-angle
Per 12 frese CA
For 12 RA instruments

OR630



B 85 x H 29 x T 39 mm

Pour 20 instruments FG
Per 20 frese FG
For 20 FG instruments

OR638



B 85 x H 29 x T 39 mm

Pour 10 instruments de type contre-angles et 10 FG
Per 10 frese CA e 10 frese FG
For 10 RA instruments and 10 FG instruments

OR700



B 50 x H 69 x T 39 mm

Pour 15 instruments de type pièce à main
Per 15 frese manipolo
For 15 handpiece instruments

OR702



B 100 x H 68 x T 39 mm

Pour 23 instruments de type pièce à main
Per 23 frese manipolo
For 23 handpiece instruments

GR102



B 54 x H 29 x T 25 mm

Pour 7 instruments de type contre-angles et 14 FG
Per 7 frese CA e 14 frese FG
For 7 RA instruments and 14 FG instruments

GR202



B 41 x H 32 x T 25 mm

Pour 15 instruments de type contre-angle
Per 15 frese CA
For 15 RA instruments

GR300



B 41 x H 29 x T 25 mm

Pour 15 instruments FG
Per 15 frese FG
For 15 FG instruments

GR606



B 73 x H 29 x T 25 mm

Pour 30 instruments FG
Per 30 frese FG
For 30 FG instruments

GR700



B 50 x H 69 x T 39 mm

Pour 15 instruments de type pièce à main
Per 15 frese manipolo
For 15 handpiece instruments

GR702



B 100 x H 68 x T 39 mm

Pour 23 instruments de type pièce à main
Per 23 frese manipolo
For 23 handpiece instruments

BL300



B 41 x H 29 x T 25 mm

Pour 15 instruments FG
Per 15 frese FG
For 15 FG instruments

BL700



B 50 x H 69 x T 39 mm

Pour 15 instruments de type pièce à main
Per 15 frese manipolo
For 15 handpiece instruments

Ces produits sont fabriqués à base d'aluminium anodisé coloré. L'emploi de certains détergents chimiques risque de les décolorer légèrement. L'usage de solutions de nettoyage trop alcalines ou trop acides est donc à proscrire (les valeurs de pH conseillées se situent entre 5,5 et 8,5). La méthode de stérilisation suivante est utilisable sans aucun souci : stérilisation par la chaleur humide en autoclave (par ex. à 134 °C / 273 °F). Veuillez respecter impérativement les instructions d'emploi du fabricant de l'appareil lors de la stérilisation et les recommandations concernant la durée de stérilisation.

Les consignes d'utilisation suivantes s'appliquent aux produits en aluminium :

- Observez à la lettre les prescriptions du fabricant de désinfectant : certains produits de désinfection ne sont pas appropriés à l'aluminium!

Questi portafrese sono prodotti in alluminio anodizzato colorato. Utilizzando alcuni prodotti chimici per la pulizia, si possono scolorire leggermente. Si consigliano quindi prodotti di pulizia che non abbiano un alto contenuto acido o alcalino (valore PH consigliato 5,5 - 8,5). Si possono utilizzare i seguenti metodi di sterilizzazione senza problemi: sterilizzazione a vapore in autoclave (p. es. con 134°C / 273 °F). Osservare il modo d'uso dell'apparecchio messo a disposizione dal produttore e le avvertenze riguardanti la durata di sterilizzazione.

Per i prodotti in alluminio si applicano le seguenti indicazioni:

- Osservare le indicazioni del fabbricante del disinfettante, alcuni non sono adatti all'alluminio.

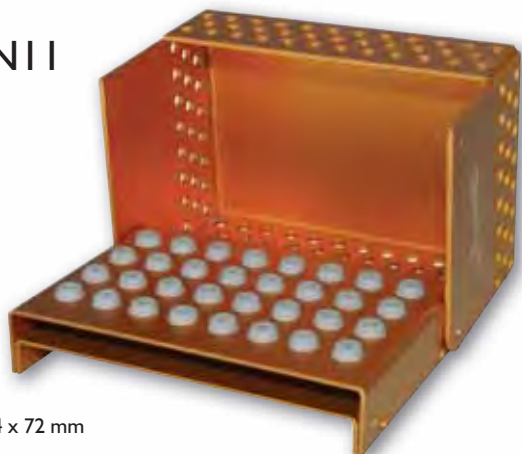
These products are manufactured from coloured anodised aluminium. When using chemical cleaning solutions a slight discolouring may occur. Therefore when using cleaning solution (recommended pH value 5.5-8.5) it is advisable not to use those which have high contents of alkaline or acid.

The following sterilisation method can be used without hesitation: Sterilising with humid heat in the autoclave (e.g. at 134 °C / 273 °F). Please follow the operating instructions of the appliance according to the manufacturer and observe the recommendations regarding the duration of sterilisation.

The following application tips apply for aluminium products:

- Observe the regulations precisely of the disinfectant manufacturer: some are not suitable for aluminium!

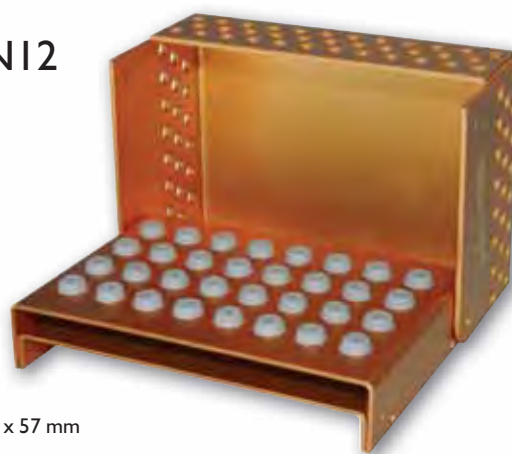
ORNI I



120 x 84 x 72 mm

Pour 32 instruments de type pièce à main
Per 32 frese manipolo
For 32 handpiece instruments

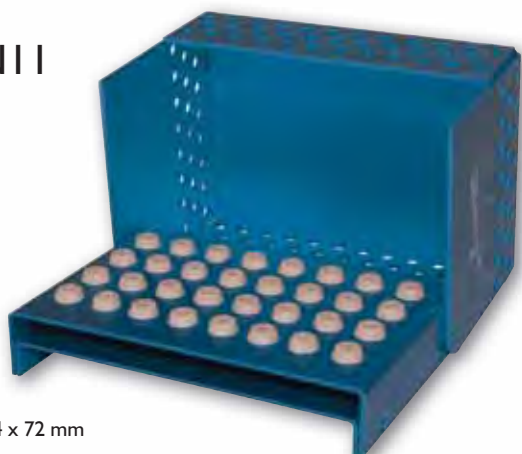
ORNI2



120 x 84 x 57 mm

Pour 32 instruments de type contre-angle
Per 32 frese CA
For 32 RA instruments

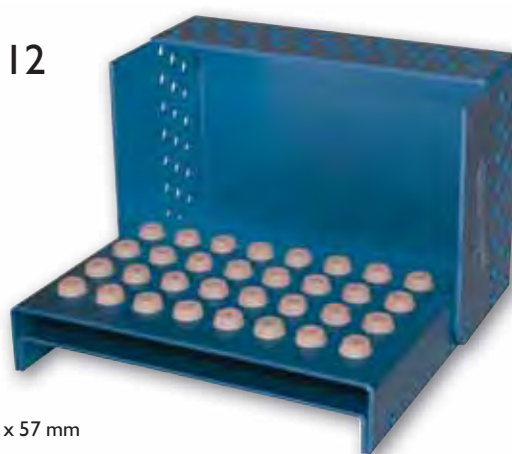
BLNI I



120 x 84 x 72 mm

Pour 32 instruments de type pièce à main
Per 32 frese manipolo
For 32 handpiece instruments

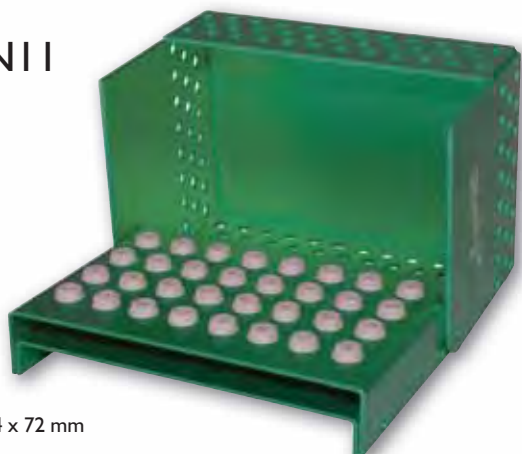
BLNI2



120 x 84 x 57 mm

Pour 32 instruments de type contre-angle
Per 32 frese CA
For 32 RA instruments

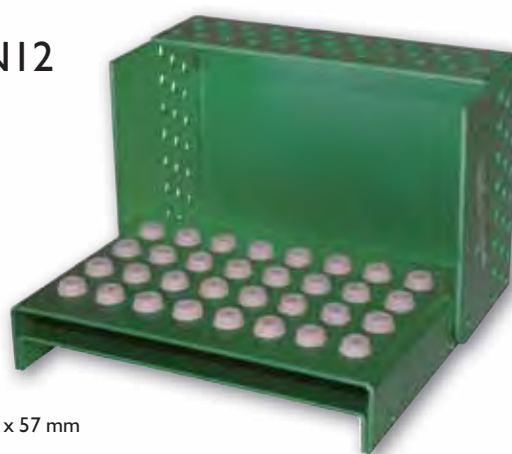
GRNI I



120 x 84 x 72 mm

Pour 32 instruments de type pièce à main
Per 32 frese manipolo
For 32 handpiece instruments

GRNI2



120 x 84 x 57 mm

Pour 32 instruments de type contre-angle
Per 32 frese CA
For 32 RA instruments

Support de forets en PLEXIglas non stérilisable Portafrese in Plexiglas non sterilizzabili Bur blocks, PLEXIglass, non sterilizable

2807



B 163 x H 20 x T 107 mm

Socle pour 50 instruments de type pièce à main ou contre-angle

Base - per 50 frese HP o CA

Base - For 50 handpiece or RA instruments

D2807



B 163 x H 62 x T 107 mm

Couvercle de pièces à main

Coperchio per frese HP

Cover HP

2808



B 163 x H 20 x T 107 mm

Socle pour 50 instruments FG

Base - per 50 frese FG

Base - For 50 FG instruments

D2808



B 163 x H 32 x T 107 mm

Couvercle de FG

Coperchio per frese FG

Cover FG

2813



B 163 x H 20 x T 107 mm

Socle pour 25 instruments de type pièce à main ou contre-angle et 25 FG

Base - per 25 frese HP e 25 frese FG

Base - For 25 handpiece or RA instruments and 25 FG-instruments

D2813



B 163 x H 43 x T 107 mm

Couvercle de contre-angle

Coperchio per frese RA

Cover RA



prior to each re-use (see section on "Checking"). Independently of this, it is the sole responsibility of the physician using the instrument to decide upon re-use based on the respective case as well as the potential wear and tear of the instrument. In this context, known restrictions as to the frequency of instrument use need to be observed.

If you fail to observe them, we do not accept any liability.

Special instructions

Benex-Control (Extractor):

- Disassemble instrument completely (including the Teflon plate) prior to cleaning and disinfecting
- Reassemble instrument prior to wrapping and sterilisation; ensure that the ball does not catch in a cavity of the biteplate (semi-tilted position)

Benex-Control (Traction cable):

- Bend cable during pre-cleaning and manual cleaning and disinfection several times in all directions

Drill extension:

- Disassemble instrument completely prior to cleaning and disinfecting
- Reassemble instrument prior to wrapping and sterilisation

Diamond products and ceramic grinding tools:

- Use particular care during the cleaning of the grinding surfaces and ensure that all residues are removed

Distractors:

- Move instrument up and down several times during pre-cleaning and manual cleaning and disinfecting
- Mechanical cleaning/disinfection as well as sterilisation only in specific positions (VCD05: half-open state, VCD15: nearly closed state)

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

Supports:

- Disassemble instrument completely prior to cleaning and disinfecting
- Wrapping and sterilisation only in disassembled state.

Bur blocks/instrument trays:

- Cleaning and disinfecting only without products being loaded (products must not be cleaned and disinfected whilst they are in the bur block/ instrument tray)
- Remove attachments prior to cleaning and disinfecting and clean and disinfect in disassembled state

Universal Torque Ratchet:

- Disassemble instrument completely prior to cleaning and disinfecting
- Move joint several times to and fro during pre-cleaning and manual cleaning and disinfecting
- Reassemble instrument prior to wrapping and sterilisation.

The above instructions have been validated by the manufacturer of the medical devices who found them to be SUITABLE for preparing a medical device for re-use. It is up to the person in charge of the reprocessing to ensure that, based on the use of the correct equipment, material and personnel in the reprocessing facility, the actual reconditioning process produces the desired results. Normally, this requires the validation and routine monitoring of the procedure. Equally, each deviation from the instructions provided should be carefully checked for effectiveness and potential adverse consequences by the person in charge of reprocessing.

General application and safety instructions for the medical device produced by MEISINGER

Issued: February 2010

- MEISINGER medical products (dental, implantology, Bone Management, maxillary surgery, general surgery, chiropody devices) must only be used by dentists, doctors and/or the respective experts who, due to their training and experience, are intensely familiar with the use of these products and who have the corresponding expertise in the respective specialist fields. The use of surgical products requires relevant expertise and experience in dental implantology, maxillary surgery and/or other surgical fields including diagnosis, preoperative planning and surgical techniques.
- It is the sole responsibility of the doctor in charge who, depending on the respective situation (indication), decides on the actual use of the MEISINGER products for each individual case.
- Courses providing further training on the possible uses of MEISINGER products are organised on a regular basis. You will find relevant information about these events as well as further information on Meisinger products on the internet at www.meisinger.de.
- All Meisinger products have been developed for specific applications. Therefore, inappropriate use can result in the premature wear and tear of the products and put patients and users at risk.

Application

- It is essential to only use turbines as well as hand and angle pieces that are technically and hygienically faultless, maintained and cleaned.
- Rotating instruments need to be clamped as far down as possible with their speed set before applying them on the object. are used with the rotary instruments.
- Using the instruments for canting or leveraging should be avoided as it increases the risk of breakage.
- Depending on the application, it is recommended to use protective goggles while using the instruments. Users of diamond disks should use a disk protection device.
- Inappropriate use of the products leads to badly executed work and increased risk.
- When working with dry materials, it is recommended to use a suction cleaning device.
- In particular, users of hand tools should take care to use them gently and with consideration.
- The user must at all times avoid touching the instruments and parts without protection (protective gloves should be worn).
- Thermal bone damage caused by rotating and oscillating tools (e.g. pilot bur, conical bur, expansion bur) must at all times be avoided (user training, working at low speed and with sufficient cooling).
- During intraoral application attention has to be made to the fact that the products are protected against aspiration or falling on the floor.

Use of pressure

- Users of the instruments should at all times avoid applying excessive pressure. This can damage the working part of the instruments and cause the cutting edges to break off. At the same time, it generates excessive heat.
- The use of excessive pressure when using grinding tools can cause the abrasive particles to break off or the instrument to become clogged and lead to heat generation.
- During polishing, excess pressure can lead to heat generation.
- Due to overheating, excess pressure can damage the dental pulp or, due to broken off cutting edges, it can result in undesired rough surfaces. In such cases, even instrument breakage cannot be excluded.

Cooling

- In order to avoid excessive heat generation during preparation, a sterilewater/sodium chloride solution supplied via a permanent external feeding device should be used to ensure sufficient cooling during use of the instruments.
- When using FG instruments that are more than 22 mm long or whose head diameter exceeds 2 mm, additional external cooling is required.
- Insufficient cooling will lead to irreversible damage to the bone and/or the adjacent tissue.

Storage, disinfection, cleaning and sterilization

- Unless there is explicit information to the contrary, all MEISINGER products are supplied in non-sterile packaging and, depending on the application, they need to be sterilised prior to use. Prior to their first use on the patient and immediately after each use, all products need to be disinfected and sterilised. Inappropriate cleaning and sterilising of the instruments can result in the patient being infected with harmful bacteria.
- You will find detailed instructions for the disinfecting, cleaning and sterilising of products in the Instructions for the reprocessing of medical devices produced by Hager & Meisinger GmbH. We would be happy to provide you with these instructions at your request. They are also available on the internet at www.meisinger.de.
- The products should be stored in appropriate, hygienically maintained containers. The same applies to sterilised instruments. The stored products must be protected from dust, humidity and recontamination. Instructions as to maximum storage duration must be adhered to.

Speed recommendations for rotary instruments

- Following the instrument-specific speed recommendations produces the best results.
- Exceeding the maximum admissible speed (rpm) when using long and pointed instruments tends to produce vibrations that can lead to the destruction of the instrument.
- When using working parts with diameters exceeding the thickness of the shaft, excessive speed can release great centrifugal forces that may cause the shaft to bend and/or the instrument to break. Therefore, the maximum admissible rpm must never be exceeded.
- Please consult the manufacturer's information (see catalogue or www.meisinger.de) for the recommended and the maximum admissible speed ranges. Non-compliance with the maximum admissible speed puts safety at risk.
- Generally, the following rules apply:
 - The larger the working part of an instrument the lower the speed
 - The larger the working part of an instrument the greater the force of pressure
 - Instruments with a maximum speed of 300,000 rpm are suitable for micro-motor hand pieces and turbines with stable ball bear-

- rings. Not to be recommended for turbines with air bearings.
- Instruments with a maximum speed of 30,000 to 160,000 rpm are suitable for micro-motor handpieces or technical hand pieces up to the indicated rpm. Not to be recommended for turbines.
- Surgical instruments: suitable for geared down micro-motor hand and angle pieces 10:1 with stable ball bearings. Speed 600 to 800 rpm with physical and, possibly, sterile external cooling or internal cooling when using the respective hand piece.

Discarding worn instruments and parts

- As a rule, MEISINGER medical products are re-usable unless there is explicit proof and information to the contrary. It is the sole responsibility of the doctor using the devices to decide on the possibility of and the justification for multiple use as well as on the frequency of use, based on the respective case and the potential wear and tear of the products. If in doubt, it is always best to discard the products early and to replace them.
- Instruments are subject to wear and tear. This is particularly true for rotating tools. Therefore, our warranty for all rotating tools expires after their fifth use. If the tools are used more frequently, the manufacturer, Hager & Meisinger GmbH, can no longer guarantee a faultless cutting performance combined with minimum temperature change.
- Broken off cutting edges of instruments cause vibrations and great forces of pressure, which, in turn, leads to broken preparation corners and rough surfaces.
- Bare patches on diamond instruments indicate a lack of abrasive particles and can be a sign of blunt instruments. This leads to excessive temperatures during instrument use.
- Instruments that are bent and/or do not run true should be discarded forthwith.



*With the reuse of disposable products the risk of infection cannot be excluded and a risk-free functional safety cannot be guaranteed.

Additional instructions for the use of implants

- As a rule, implants are meant to be used only once.
- Implants must only be inserted by dentists and doctors who are intensely familiar with dental implantology including diagnosis, preoperative planning, surgical techniques and prosthetic care.
- The unprotected touching of the implant by the user must be avoided (protective gloves must be worn).
- Systemic errors that are due to a mix-up of tools and implants are to be avoided. Therefore, paying attention to colour coding and labelling is essential.
- A lack of primary stability can be due to the faulty preparation of the implant bed as well as to deficient bone quality. In such cases, the mobile implant should be removed and replaced with a larger one.
- The best way to avoid complications is to only use implants when all the conditions for a complication-free treatment guaranteeing long-term success have been met. If, from the start, there are reservations regarding the chances of success of a desired implant-based dental prosthesis, it may be best to choose another prosthetic solution that does not require an implant.

Additional instructions regarding the use of trepans

- When using trepans, you have to proceed with particular care. For example, it is advisable not to exceed the recommended rpm speed ranges.
- In order to prepare for the actual use of a trepan, it should be set to produce counter-clockwise rotations creating a groove in the bone. Afterwards the trepan can be inserted into this groove and, using clockwise rotations, it can be moved further down.
- Carrying out a prior X-Ray is essential to establish the maximum possible drilling depth and to maintain the necessary distance, for example, to the mandibular nerve. As an additional safety measure to spare the nerve, the axial direction of the trepan countersink attachment, based on the sagittal level of the ascending branch, must be milled laterally at an angle of approx. 15-20°.



Additional instructions for the use of oscillating instruments

- Prior to each use, the instruments should be tested for operational safety by applying slight pressure with the index finger or the thumb (risk of instrument fracture through continuous use or due to the instrument having been dropped). Prior to use, the instrument must be firmly screwed down because, otherwise, reduced performance may be the outcome.
- Complying with instrument-specific performance settings (frequency, amplitude of vibration) produces the best results. Non-compliance with recommended settings may lead to premature breakage of the instruments.
- The instruments are generally suitable for ultrasonic transmitters that provide frequencies between 24 kHz and 36 kHz for surgical applications or in the field of 5 to 7 kHz for prophylactic applications with amplitudes of vibration between 60 and 300 µm.
- Only such drive mechanisms should be used that are designed in a way that sufficient cooling can be provided to the prepared site.

Further comments:

- Due to statutory regulations, returned goods can, on principle, only be accepted if the complete batch number is provided. This number can be found on the product packaging.

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