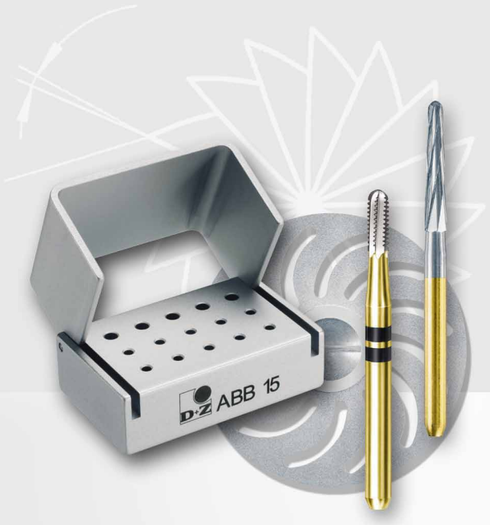
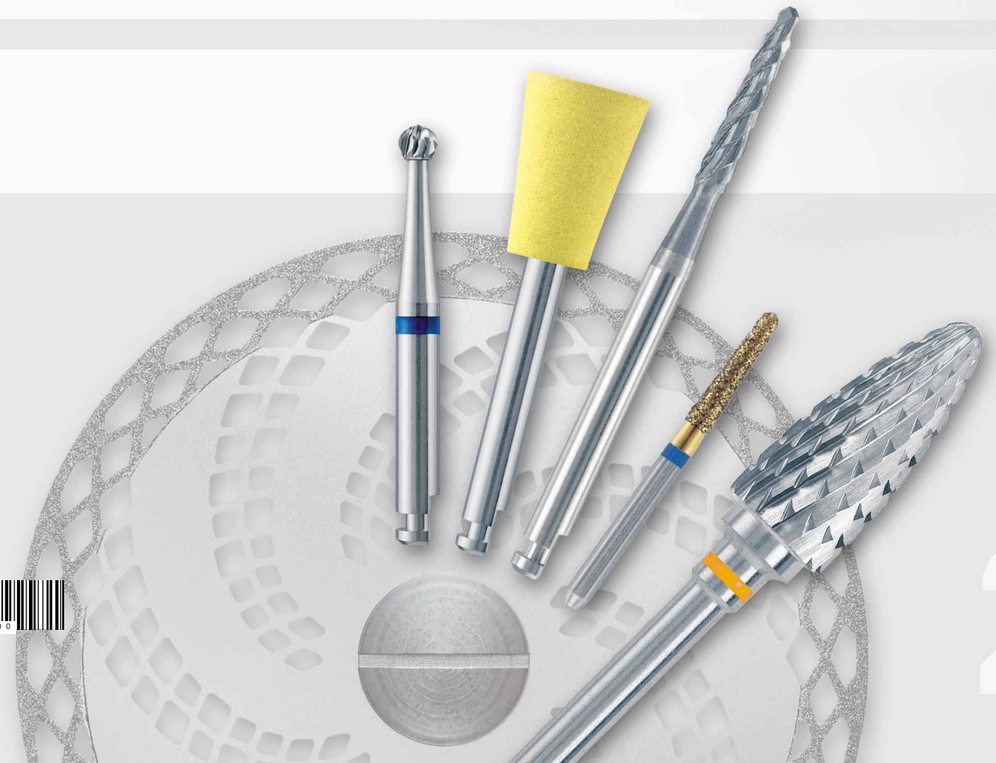


Drendel + Zweiling
DIAMANT GmbH



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January 2010 · Stand: Januar 2010

DRENDEL + ZWEILING

The pioneer in preparation technique

The company was founded in Berlin on August 1, 1920 by Wilhelm Hugo Drendel and Fritz Zweiling. During the first years, Drendel + Zweiling focused on the production and distribution of special dental instruments. However, soon afterwards the research for the production of diamond instruments started.

In 1932, the constant efforts for improvements were crowned with success – the galvanic coating process was invented. Drendel+Zweiling became the pioneer in the production of advanced dental diamond instruments.
Further milestones in the development of dentistry:

- FG programme INTERNATIONAL

Drendel + Zweiling has always been customer oriented and therefore constantly extended their range for the dental office and laboratory. Today the delivery range includes the following products:
Diamond instruments and tools, tungsten carbide burs and finishing instruments, surgical instruments, ceramic abrasives, polishers, instrument kits, bur blocks and diamond-coated forceps.

DRENDEL + ZWEILING

Pionier der Präparationstechnik

Das Unternehmen wurde am 1. August 1920 von Wilhelm Hugo Drendel und Fritz Zweiling in Berlin gegründet. Zunächst beschäftigte man sich mit der Herstellung und dem Vertrieb von Dentalspezialitäten.
Doch schon bald wurde mit der Forschung für die Fertigung von Diamant-Instrumenten und -Werkzeugen begonnen.

Im Jahre 1932 waren die ständigen Bemühungen um Verbesserungen von Erfolg gekrönt, das galvanische Diamantierungsverfahren war erfunden.
Drendel+Zweiling wurde damit zum Wegbereiter der modernen Diamantinstrumente für die Zahnheilkunde. Weitere Meilensteine in der Entwicklung der Zahnheilkunde:

- *FG-Programm INTERNATIONAL*

Drendel + Zweiling hat sich immer an den Kundenwünschen orientiert und deshalb das Angebot für Praxis und Labor erweitert. Ab sofort umfasst das Liefersortiment folgende Produktbereiche:
Diamant-Instrumente und -Werkzeuge, Hartmetallbohrer und -finierer, chirurgische Instrumente, keramische Schleifkörper, Polierer, Instrumentensätze, Bohrerständer und diamantierte Extraktionszangen.

Icons and Diamond grit sizes | *Pictogramme und Diamant-Körnungen*


Cavity preparation
Kavitätenpräparation


Crown preparation
Kronenpräparation


Jaw surgery
Kieferchirurgie


Root canal preparation
Wurzelkanalaufbereitung

ISO
ISO No.
ISO-Nummer

LOT
Lot number – for traceability of the respective production batch
Lotnummer – ermöglicht die Rückverfolgbarkeit der entsprechenden Produktionscharge


Working on fillings
Füllungsbearbeitung


Crown cutting
Kronentrennen


Crown and bridge technique
Kronen-/Brückentechnik


Acrylic technique
Kunststofftechnik

Speed recommendation
Drehzahlempfehlung

Maximum permissible speed
maximal zulässige Drehzahl

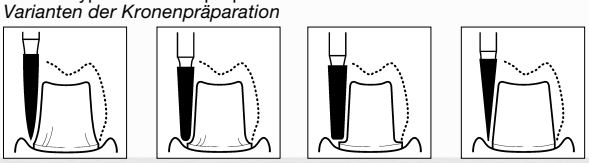

Removal of old fillings
Ausbohren alter Füllungen


Root planing
Wurzelglättung


Model fabrication
Modellherstellung


Model casting technique
Modellgusstechnik

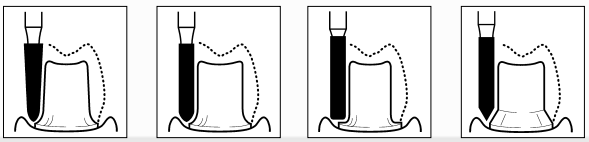
Various types of crown preparation
Varianten der Kronenpräparation




Prophylaxis
Prophylaxe


Gnatho-orthopaedics
KFO

REF
Order No.
Bestellnummer

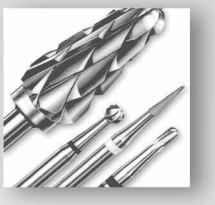


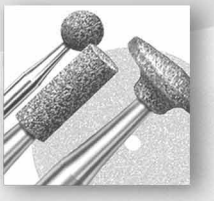
Diamond grit sizes · *Diamant-Körnungen*

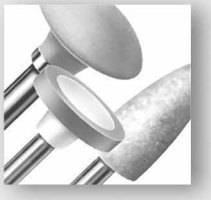
U	= ultra-fine · *ultrafein*	→	10 µm
C	= extra-fine · *extrafein*	→	25 µm
F	= fine · *fein*	→	46 µm
–	= medium · *mittel*	→	105–120 µm *
G	= coarse · *grob*	→	126–150 µm *
SG	= super-coarse · supergrob		180 µm *

)* **With some instruments the grit size may deviate from the specified value as a function of their shape and size.**

Die Korngröße kann in Abhängigkeit von Instrumentenform und -größe bei einzelnen Instrumenten vom genannten Wert abweichen.







Please note that the various instruments within each product group (e.g. diamonds or tungsten carbide) are sorted by their reference number, i.e. 368, 368A, 369, etc. in ascending order.
Exception: polishers are sorted by their field of application, e.g. polishers for ceramics.

Bitte beachten Sie, dass die Instrumente innerhalb jeder Produktgruppe (z.B. Diamant- oder Hartmetallinstrumente) aufsteigend nach Referenznummer sortiert sind, d.h. 368, 368A, 369, etc.
Ausnahme: lediglich die Polierer sind nach ihrem Anwendungsgebiet sortiert, z.B. Polierer für die Keramikbearbeitung.

Table structure/Ordering options | *Tabellenstruktur/Bestellmöglichkeiten*

Instrument *Instrument/Werkzeug*

Enlarged representation of the head portion.

Vergrößerte Darstellung des Kopfbereiches.

Colour coding + REF number *Farbmarkierung + REF-Bestellnummer*

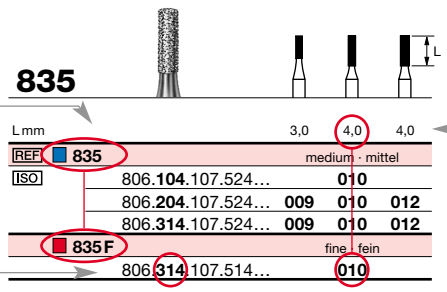
The colour coding indicates the grit size or type of toothing.

Die Farbmarkierung gibt jeweils Auskunft über die Körnungsgröße bzw. die Verzahnung.

Shank type ISO 6360 *Schaftart* ISO 6360

Attention: With extra-long head and/or neck the overall length will change!

Achtung: Bei Instrumenten mit überlanger Kopf- und/oder Halsform verändert sich die Gesamtlänge!



Line drawings 1:1 *Strichzeichnungen 1:1*

The line drawings show the actual size of the individual instruments.

Die Strichzeichnungen geben zusätzlich Orientierung über die Originalgröße der jeweiligen Instrumente und Werkzeuge.

Dimensions/designations *Maße/Bezeichnungen*

The designations, numbers, sizes and production dimensions mainly correspond to the currently applicable ISO and DIN standards.

Die Bezeichnungen, Numerierungen, Größenangaben und Fertigungsmaße entsprechen überwiegend den zur Zeit gültigen ISO- und DIN-Normen.

How to order? | *Wie bestelle ich?*

You are free to use the REF order number or the ISO numbering system when placing an order.

Sie können die Bestellung Ihres gewünschten Instrumentariums mit Hilfe der REF-Bestellnummer oder des ISO-Nummernsystems vornehmen.

REF order number

Please specify the REF order number
+ shank type number
+ the respective size.

REF-Bestellnummer

Notieren Sie bitte die REF-Bestellnummer
+ Schaftartnummer
+ die jeweilige Größenangabe.

ISO order number

Please specify the ISO number
+ the respective size.

ISO-Bestellnummer

Nach ISO notieren Sie bitte die ISO-Nummer
+ die jeweilige Größenangabe.

Sample Order	*Bestellbeispiel*	Order by REF No.	*Bestellung nach REF Nr.*	Order by ISO No.	*Bestellung nach ISO Nr.*
835	**Medium Grain** *Mittlere Körnung*	**835 + .314. + 010**	or / *oder*	**806.314.107.524. + 010**	
835 F	**Fine Grain** *Feine Körnung*	**835 F + .314. + 010**	or / *oder*	**806.314.107.514. + 010**	

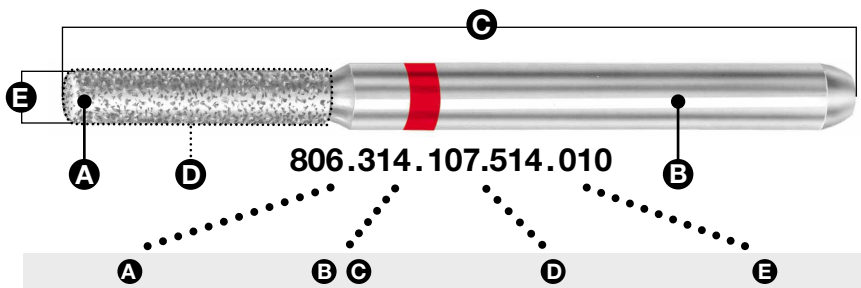
Numbering system | *Nummernsystem* ISO 6360

Some features of rotary instruments are already internationally standardized. For example, coupling dimensions, shank diameter and shank type (ISO 1797) as well as the sizes (ISO 2157). The international harmonization of instrument designations is guaranteed by the ISO numbering system.

The ISO order number consists of a certain number code indicating specific instrument-related data for clear identification.

Verschiedene Bereiche der rotierenden Instrumente sind international bereits genormt. Hierzu gehören die Anschlussmaße mit Schaftdurchmesser und Schaftart (ISO 1797) und die Größenangaben (ISO 2157). Die internationale Vereinheitlichung der Instrumentenbezeichnungen wird durch das ISO-Nummernsystem sichergestellt.

Die ISO-Bestellnummer besteht aus einem festen Nummerncode, der Auskunft gibt über bestimmte instrumenten- und werkzeugbezogene Daten, die eine eindeutige Identifizierung ermöglichen.



A **Material of the working part**
- Diamond, galvanic metal bond

Werkstoff des Arbeitsteils
- *Diamant, galvanische Metallbindung*

B C **Shank and overall length**
- FG
- 19 mm coupling dimensions according to ISO 1797

Schaft und Gesamtlänge
- *FG*
- *19 mm Anschlussmaße nach ISO 1797*

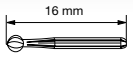
D **Shape and design**
- cylindrical, round edges
- fine grit, hard bond

Form und Ausführung
- *zylindrisch, Ecken rund*
- *feine Körnung, harte Bindung*

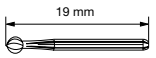
E **Nominal size** ISO 2157
- Largest diameter of the working part ($^1/_{10}$ mm)

Nenngröße ISO 2157
- *größter Durchmesser des Arbeitsteils ($^1/_{10}$ mm)*

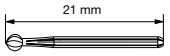
Shank type | *Schaftarten* ISO 6360 · ISO 1797



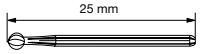
313 · FG short
FG kurz Ø 1,60 mm



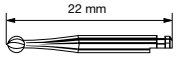
314 · FG (Friction Grip)
FG Ø 1,60 mm



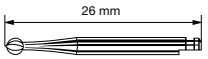
315 · FG long
FG lang Ø 1,60 mm



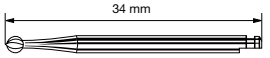
316 · FG extra-long
FG extra lang Ø 1,60 mm



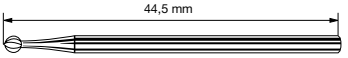
204 · Right-angle
Winkelstück Ø 2,35 mm



205 · Right-angle long
Winkelstück lang Ø 2,35 mm



206 · Right-angle extra-long
Winkelstück extra lang Ø 2,35 mm



104 · Handpiece
Handstück Ø 2,35 mm

Preparation instruments | *Präparationsinstrumente*

Bud
Knospe 7

Egg
Ei 7

Special
Spezialform 7

Grenade
Granate 7

Interdental
Interdental 7

Round
Rund 8

Inverted cone
Umgekehrter Kegel 8

Double cone
Doppelkegel 9

Diabolo
Diabolo 9

Wheel
Reifen 9, 18

Groove
grinding instruments
Rillenschleifer 9

Lenticular
Linse 10

Onion-shaped
Zwiebelform 10

Concave
Konkav 10

Pear
Birne 9, 10

Cylinder
Zylinder 10–11

Cylinder round
Zylinder rund 11, 17

Cylinder pointed
Zylinder spitz 17

Cylinder, end-cutting only
Zylinder, Stirn schneidend 11

Tapered
Konisch 12–13

Tapered round
Konisch rund 13–14, 18

Tapered,
ellipse-shaped
Konisch, Ellipse 13, 15

Pointed
Spitz 14, 18

Flame
Flamme 15

Needle-shaped
Nadelform 15, 17, 18

Torpedo
Torpedo 16

Torpedo tapered
Torpedo, konisch 16

Palatinal
grinding instruments
Palatinalschleifer 18

Diamond Instruments FG short
Diamantinstrumente FG kurz 19

Titanium Nitride (TiN) Coated Instruments
TiN Instrumente 20–21

Micropreparation
Mikropräparation 22

InteC Instruments
InteC Instrumente 23

Diamond Finishing Strips
Diamantstreifen 24

Diamond tools for laboratory application
Diamantwerkzeuge für das Dentallabor 24

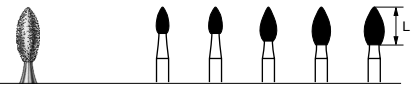
Sintered Diamonds
Sinter-Diamantschleifer 25

Diamond Discs
Diamantscheiben 26–29

Please note that the various instruments within each product group (e.g., diamond burs, Intec or sintered diamonds) are sorted by their reference number in ascending order.

Bitte beachten Sie, dass die Instrumente innerhalb jeder Produktgruppe (z.B. Diamantschleifer, Intec-Diamanten oder Sinterdiamanten) aufsteigend nach Referenznummer sortiert sind.

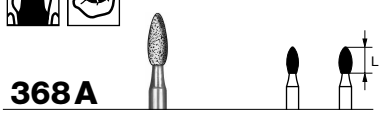
368



L mm		3,5	3,5	4,5	5,0	5,0
REF	**368**					
ISO	806.**204**.257.524…				023	
	806.**314**.257.524…	016	018	021	023	
	368SG					
	806.**314**.257.544…				023	
	368G					
	806.**314**.257.534…	016		021	023	
	368F					
	806.**204**.257.514…				023	
	806.**314**.257.514…	016	018	021	023	
	368C					
	806.**204**.257.504…					025
	806.**314**.257.504…	016	018	021	023	

021–025 = max. 300 000 min⁻¹

368A



L mm		3,5	3,5
REF	**368A**		
ISO	806.**314**.254.524…	016	018
	368AG		
	806.**314**.254.534…	016	
	368AF		
	806.**314**.254.514…	016	
	368AC		
	806.**314**.254.504…	016	
	368AU		
	806.**314**.254.494…	016	

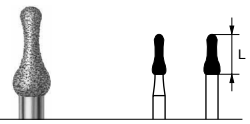
369

L mm		5,5
REF	**369**	
ISO	806.**314**.263.524…	025

025 = max. 160 000 min⁻¹

Occlu-Former

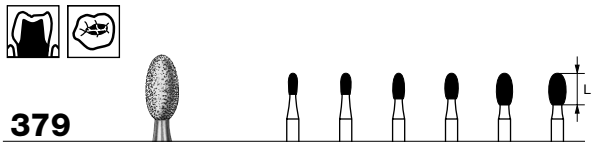
369A



L mm		5,0	5,0
REF	**369A**		
ISO	806.**314**.506.524…	018	023
	369AG		
	806.**314**.506.534…		023
	369AF		
	806.**314**.506.514…	018	

023 = max. 300 000 min⁻¹

379



L mm		2,8	2,8	3,4	3,4	4,2	4,2
REF	**379**						
ISO	806.**314**.277.524…		014		018		023
	379SG						
	806.**314**.277.544…						023
	379G						
	806.**314**.277.534…						023
	379F						
	806.**204**.277.514…						023
	806.**314**.277.514…	012		016	018	021	023
	379C						
	806.**314**.277.504…			016	018		023

021 = max. 300 000 min⁻¹
023 = max. 300 000 min⁻¹

390

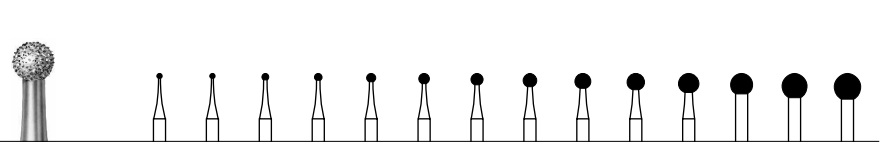
L mm		3,5
REF	**390**	
ISO	806.**314**.274.524…	016
	390F	
	806.**314**.274.514…	016
	390C	
	806.**314**.274.504…	016

392

L mm		5,0	5,0
REF	**392**		
ISO	806.**314**.465.524…		016
	392F		
	806.**314**.465.514…		016
	392C		
	806.**314**.465.504…	014	

U	=	ISO 494	White ring · *weißer Ring*	ultra-fine · *ultrafein*	10 µm	– = ISO 524	Blue ring · *blauer Ring*	medium · *mittel*	105–120 µm
C	=	ISO 504	Yellow ring · *gelber Ring*	extra-fine · *extrafein*	25 µm	G = ISO 534	Green ring · *grüner Ring*	coarse · *grob*	126–150 µm
F	=	ISO 514	Red ring · *roter Ring*	fine · *fein*	46 µm	SG = ISO 544	Black ring · *schwarzer Ring*	super-coarse · *supergrob*	180 µm

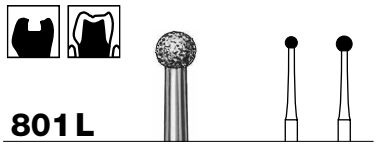
801



REF	ISO														
801															
	806.**104**.001.524…		**008**		**010**	**012**	**014**	**016**	**018**	**021**	**023**	**027**		**033**	
	806.**204**.001.524…			**009**	**010**	**012**	**014**	**016**	**018**	**021**	**023**	**027**		**033**	
	806.**314**.001.524…	**007**	**008**	**009**	**010**	**012**	**014**	**016**	**018**	**021**	**023**		**029**	**033**	**035**
801 G															
	806.**314**.001.534…			**009**	**010**	**012**	**014**	**016**	**018**	**021**	**023**		**029**		
801 F															
	806.**204**.001.514…								**018**		**023**			**033**	
	806.**314**.001.514…						**014**		**018**	**021**	**023**		**029**	**033**	
801 C															
	806.**204**.001.504…										**023**				
	806.**314**.001.504…					**012**	**014**	**016**	**018**		**023**		**029**		

023 = max. 300 000 min⁻¹ · 033 = max. 120 000 min⁻¹
029 = max. 140 000 min⁻¹ · 035 = max. 120 000 min⁻¹

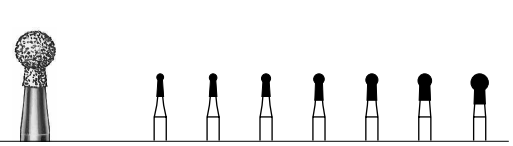
801 L



REF	ISO			
801 L				
	806.**314**.697.524…	**016**		
801 L SG				
	806.**314**.697.544…	**016**		
801 L G				
	806.**314**.697.534…	**016**	**021**	

016 = max. 300 000 min⁻¹
021 = max. 300 000 min⁻¹

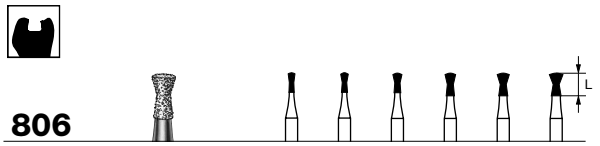
802



L mm		3,0	3,0	3,0	3,5	3,5	3,5	4,0
REF	ISO							
802								
	806.**314**.002.524…	**009**	**010**	**012**	**014**	**016**	**018**	**023**
802 G								
	806.**314**.002.534…		**010**	**012**	**014**			

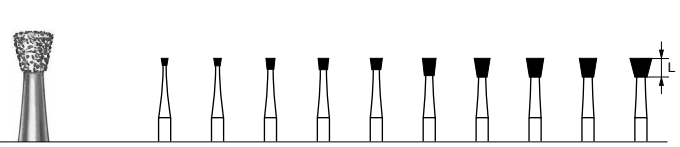
023 = max. 300 000 min⁻¹

806



L mm		2,5	2,5	2,5	3,0	3,0	3,0
REF	ISO						
806							
	806.**314**.019.524…	**009**	**010**	**012**	**014**	**016**	**018**
806 G							
	806.**314**.019.534…		**010**	**012**	**014**	**016**	

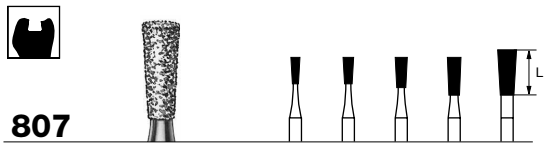
805



L mm		–	1,0	1,5	1,5	1,5	2,3	2,5	2,5	2,5	3,0
REF	ISO										
805											
	806.**104**.010.524…			**012**	**014**	**016**	**018**	**021**		**025**	**027**
	806.**204**.010.524…		**010**	**012**							
	806.**314**.010.524…	**009**	**010**	**012**	**014**	**016**	**018**		**023**		
805 G											
	806.**314**.010.534…		**010**	**012**	**014**	**016**	**018**				
805 F											
	806.**314**.010.514…				**014**						

025 = max. 160 000 min⁻¹

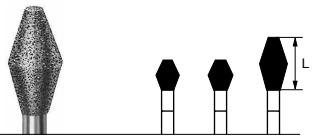
807



L mm		3,5	3,5	4,0	5,0	6,0
REF	ISO					
807						
	806.**104**.225.524…				**018**	**025**
	806.**314**.225.524…	**012**	**014**	**016**	**018**	
807 G						
	806.**314**.225.534…		**014**	**016**		

U	=	ISO 494 White ring · *weißer Ring*	ultra-fine · *ultrafein*	10 µm	–	=	ISO 524 Blue ring · *blauer Ring*	medium · *mittel*	105–120 µm
C	=	ISO 504 Yellow ring · *gelber Ring*	extra-fine · *extrafein*	25 µm	G	=	ISO 534 Green ring · *grüner Ring*	coarse · *grob*	126–150 µm
F	=	ISO 514 Red ring · *roter Ring*	fine · *fein*	46 µm	SG	=	ISO 544 Black ring · *schwarzer Ring*	super-coarse · *supergrob*	180 µm

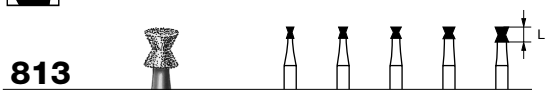
811



L mm			4,2	4,2	7,0
REF	811				
ISO	806.**314**.038.524…		**031**	**033**	**037**

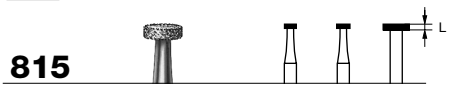
031 = max. 140 000 min⁻¹ 037 = max. 100 000 min⁻¹
033 = max. 100 000 min⁻¹

813



L mm			1,5	1,5	1,5	1,5	2,0
REF	813						
ISO	806.**314**.032.524…		**010**	**012**	**014**	**016**	**018**

815



L mm			0,5	0,5	0,8
REF	815				
ISO	806.**314**.040.524…		**014**	**018**	**035**

035 = max. 100 000 min⁻¹

816

L mm		2,5
REF	816	
ISO	806.**314**.044.524…	**018**

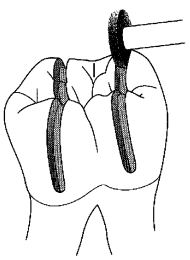
818

L mm		0,7	0,7
REF	818		
ISO	806.**314**.041.524…	**047**	**050**

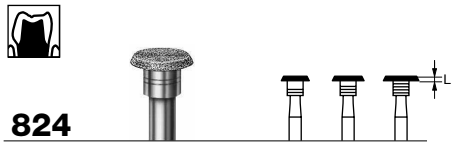
047 = max. 80 000 min⁻¹
050 = max. 80 000 min⁻¹

822

L mm		2,0	2,0
REF	822		
ISO	806.**314**.232.524…	**008**	**009**



824

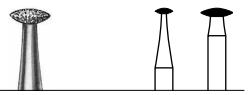


L mm		0,8	1,0	1,3
REF	824			
ISO	806.**314**.055.524…	**037**	**042**	**047**

037 = max. 100 000 min⁻¹ 047 = max. 90 000 min⁻¹
042 = max. 80 000 min⁻¹

U	=	ISO 494	White ring · *weißer Ring*	ultra-fine · *ultrafein*	10 µm		
C	=	ISO 504	Yellow ring · *gelber Ring*	extra-fine · *extrafein*	25 µm		
F	=	ISO 514	Red ring · *roter Ring*	fine · *fein*	46 µm		
–	=	ISO 524	Blue ring · *blauer Ring*	medium · *mittel*	105–120 µm		
G	=	ISO 534	Green ring · *grüner Ring*	coarse · *grob*	126–150 µm		
SG	=	ISO 544	Black ring · *schwarzer Ring*	super-coarse · *supergrob*	180 µm		

825



REF		ISO				
825		806.**104**.304.524…	**023**			
		806.**314**.304.524…	**023**	**042**		

023 = max. 300 000 min⁻¹
042 = max. 80 000 min⁻¹

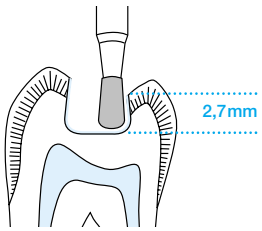
827

L mm					4,2
REF	827 C				
ISO	806.**314**.464.504…	**018**			

833

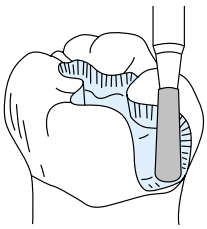
L mm					3,5
REF	833 F				
ISO	806.**314**.466.514…	**031**			
	833 C				
	806.**314**.466.504…	**031**			

031 = max. 140 000 min⁻¹



The 2.7 mm working part serves as a depth control to avoid damages to the pulp.

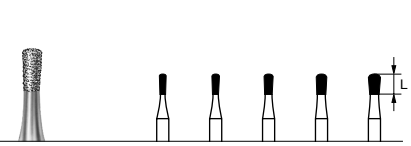
Die Kopflänge 2,7 mm dient als Tiefenlehre um Pulpenschäden zu vermeiden.



Preparation of a cervical shoulder

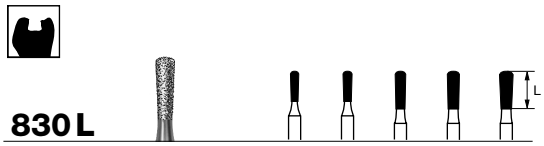
Anlegen einer zervikalen Stufe

830



L mm			2,7	2,7	2,7	2,7	2,7
REF	830						
ISO	806.**314**.233.524…	**009**	**010**	**012**	**014**	**016**
	830 G						
	806.**314**.233.534…		**010**	**012**	**014**	**016**

830 L



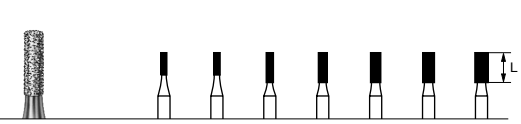
L mm			4,0	4,0	5,0	5,0	5,0
REF	830 L						
ISO	806.**314**.234.524…	**010**	**012**	**014**	**016**	**018**
	830 L SG						
	806.**314**.234.544…			**014**		
	830 L G						
	806.**314**.234.534…		**012**	**014**	**016**	**018**

830 RLA

L mm							4,7
REF	830 RLA						
ISO	806.**314**. … .524…	**032**					

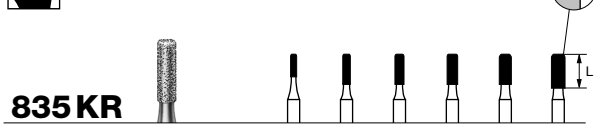
032 = max. 100 000 min⁻¹

835



L mm			3,0	3,0	4,0	4,0	4,0	4,0	4,0
REF	835								
ISO	806.**104**.107.524…				**010**				
	806.**204**.107.524…			**009**	**010**	**012**			
	806.**314**.107.524…	**008**	**009**	**010**	**012**	**014**	**016**	**018**
	835 G								
	806.**314**.107.534…			**009**	**010**	**012**	**014**		
	835 F								
	806.**314**.107.514…				**010**		**014**		

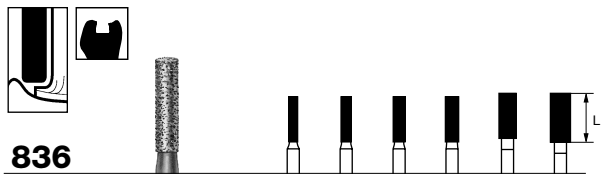
835 KR



L mm			3,0	4,0	4,0	4,0	4,0	4,0
REF	835 KR							
ISO	806.**314**.156.524…	**008**	**010**	**012**	**014**	**016**	**018**
	835 KR G							
	806.**314**.156.534…		**010**	**012**	**014**		

U	=	ISO 494 White ring · *weißer Ring*	ultra-fine · *ultrafein*	10 µm	–	=	ISO 524 Blue ring · *blauer Ring*	medium · *mittel*	105–120 µm
C	=	ISO 504 Yellow ring · *gelber Ring*	extra-fine · *extrafein*	25 µm	G	=	ISO 534 Green ring · *grüner Ring*	coarse · *grob*	126–150 µm
F	=	ISO 514 Red ring · *roter Ring*	fine · *fein*	46 µm	SG	=	ISO 544 Black ring · *schwarzer Ring*	super-coarse · *supergrob*	180 µm

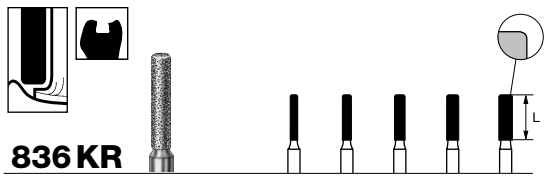
836



L mm		6,0	6,0	6,0	6,0	6,0	6,5
REF	**836**						
ISO	806.**104**.110.524…					**023**	**027**
	806.**314**.110.524…	**012**	**014**	**016**	**018**		
	836 SG						
	806.**314**.110.544…		**014**				
	836 G						
	806.**314**.110.534…	**012**	**014**	**016**	**018**		
	836 F						
	806.**314**.110.514…	**012**					

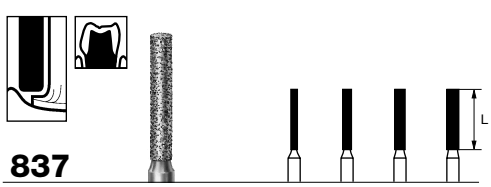
027 = max. 160 000 min⁻¹

836 KR



L mm		6,0	6,0	6,0	6,0	6,0
REF	**836 KR**					
ISO	806.**314**.157.524…	**010**	**012**	**014**	**016**	**018**
	836 KR G					
	806.**314**.157.534…	**010**	**012**	**014**		

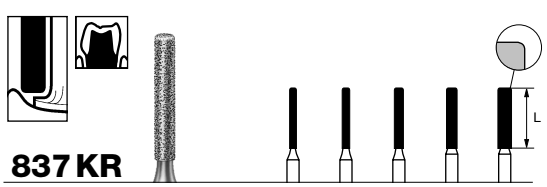
837



L mm		8,0	8,0	8,0	8,0
REF	**837**				
ISO	806.**104**.111.524…			**014**	**016**
	806.**204**.111.524…		**012**	**014**	
	806.**314**.111.524…	**009**	**012**	**014**	**016**
	837 SG				
	806.**314**.111.544…			**014**	
	837 G				
	806.**314**.111.534…		**012**	**014**	**016**

009 = max. 160 000 min⁻¹
012 = max. 300 000 min⁻¹

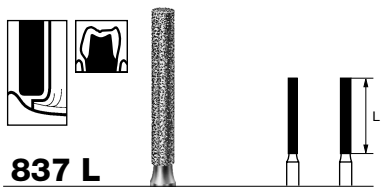
837 KR



L mm		8,0	8,0	8,0	8,0	8,0
REF	**837 KR**					
ISO	806.**314**.158.524…	**009**	**010**	**012**	**014**	
	837 KR G					
	806.**314**.158.534…				**014**	**018**
	837 KR F					
	806.**314**.158.514…			**012**		
	837 KR C					
	806.**314**.158.504…				**014**	

009 = max. 160 000 min⁻¹
010 = max. 160 000 min⁻¹
012 = max. 300 000 min⁻¹

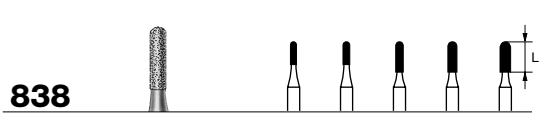
837 L



L mm		10,0	10,0
REF	**837 L**		
ISO	806.**314**.112.524…		**014**
	837 L G		
	806.**314**.112.534…	**012**	

012 = max. 300 000 min⁻¹
014 = max. 300 000 min⁻¹

838



L mm		3,0	3,0	4,0	4,0	4,0
REF	**838**					
ISO	806.**314**.137.524…	**008**	**009**	**010**	**012**	**014**
	838 SG					
	806.**314**.137.544…				**012**	
	838 G					
	806.**314**.137.534…				**012**	**014**
	838 F					
	806.**314**.137.514…				**012**	

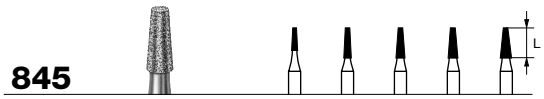
839

REF	**839**		
ISO	806.**314**.150.524…	**010**	**012**

010 = max. 160 000 min⁻¹
012 = max. 300 000 min⁻¹

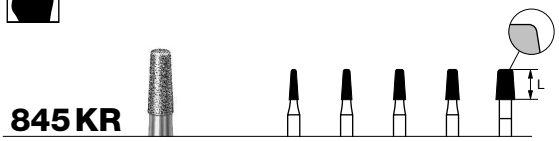
U	=	ISO 494	White ring · *weißer Ring*	ultra-fine · *ultrafein*	10 µm		
C	=	ISO 504	Yellow ring · *gelber Ring*	extra-fine · *extrafein*	25 µm		
F	=	ISO 514	Red ring · *roter Ring*	fine · *fein*	46 µm		
–	=	ISO 524	Blue ring · *blauer Ring*	medium · *mittel*	105–120 µm		
G	=	ISO 534	Green ring · *grüner Ring*	coarse · *grob*	126–150 µm		
SG	=	ISO 544	Black ring · *schwarzer Ring*	super-coarse · *supergrob*	180 µm		

845



L mm		3,0	4,0	4,0	4,0	4,0
REF	**845**					
ISO	806.**314**.168.524…	**008**	**010**	**012**		**016**
	845 G					
	806.**314**.168.534…			**012**	**014**	

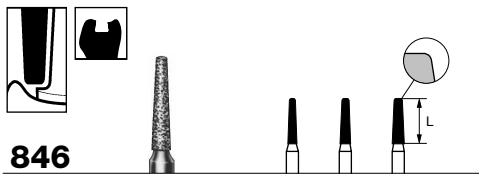
845 KR



L mm		4,0	4,0	4,0	4,0	4,0
REF	**845 KR**					
ISO	806.**314**.544.524…	**012**	**014**	**016**	**018**	**025**
	845 KR F					
	806.**314**.544.514…			**016**	**018**	**025**

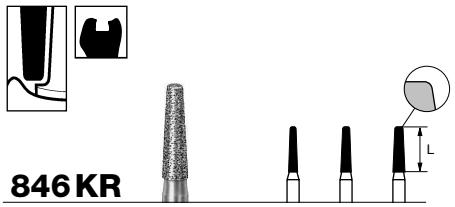
025 = max. 160 000 min⁻¹

846



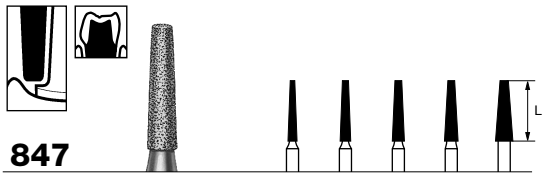
L mm		6,0	6,0	6,0	6,0
REF	**846**				
ISO	806.**314**.171.524…	**012**	**014**	**016**	**018**
	846 G				
	806.**314**.171.534…	**012**		**016**	

846 KR



L mm		6,0	6,0	6,0
REF	**846 KR**			
ISO	806.**314**.545.524…	**012**	**014**	**016**
	846 KR G			
	806.**314**.545.534…			**016**

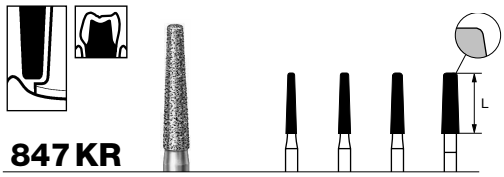
847



L mm		8,0	8,0	8,0	8,0	8,0
REF	**847**					
ISO	806.**104**.172.524…					**023**
	806.**314**.172.524…	**012**	**014**	**016**	**018**	**023**
	847 SG					
	806.**314**.172.544…			**016**		
	847 G					
	806.**314**.172.534…	**012**	**014**	**016**	**018**	
	847 F					
	806.**314**.172.514…		**014**			

012 = max. 300 000 min⁻¹
023 = max. 300 000 min⁻¹

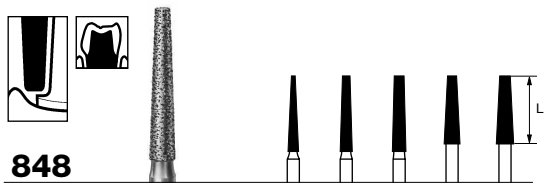
847 KR



L mm		8,0	8,0	8,0	8,0
REF	**847 KR**				
ISO	806.**314**.546.524…	**012**	**014**	**016**	**018**
	847 KR G				
	806.**314**.546.534…			**016**	**018**

012 = max. 300 000 min⁻¹

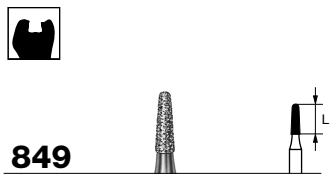
U	=	ISO 494 White ring · *weißer Ring*	ultra-fine · *ultrafein*	10 µm	–	=	ISO 524 Blue ring · *blauer Ring*	medium · *mittel*	105–120 µm
C	=	ISO 504 Yellow ring · *gelber Ring*	extra-fine · *extrafein*	25 µm	G	=	ISO 534 Green ring · *grüner Ring*	coarse · *grob*	126–150 µm
F	=	ISO 514 Red ring · *roter Ring*	fine · *fein*	46 µm	SG	=	ISO 544 Black ring · *schwarzer Ring*	super-coarse · *supergrob*	180 µm



848

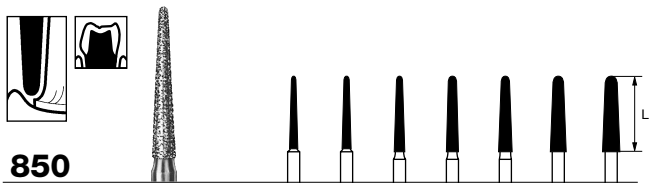
L mm		10,0	10,0	10,0	9,0	9,0
REF	**848**					
ISO	806.**104**.173.524…		**016**			**023**
	806.**204**.173.524…		**016**			
	806.**314**.173.524…	**014**	**016**	**018**	**021**	**023**
	848 SG					
	806.**314**.173.544…		**016**			
	848 G					
	806.**314**.173.534…	**014**	**016**	**018**	**021**	**023**
	848 F					
	806.**314**.173.514…		**016**			
	848 C					
	806.**314**.173.504…		**016**			

014 = max. 300 000 min⁻¹
016 = max. 300 000 min⁻¹
018 = max. 300 000 min⁻¹
021 = max. 300 000 min⁻¹
023 = max. 300 000 min⁻¹



849

L mm		4,0
REF	**849**	
ISO	806.**314**.194.524…	**012**
	849 G	
	806.**314**.194.534…	**012**



850

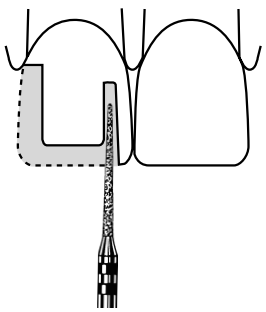
L mm		10,0	10,0	10,0	10,0	10,0	10,0	10,0
REF	**850**							
ISO	806.**104**.199.524…				**016**	**018**	**021**	**023**
	806.**204**.199.524…					**018**		
	806.**314**.199.524…	**011**	**012**	**014**	**016**	**018**		**023**
	850 SG							
	806.**314**.199.544…				**016**			
	850 G							
	806.**314**.199.534…		**012**	**014**	**016**	**018**		**023**
	850 F							
	806.**314**.199.514…		**012**	**014**	**016**			
	850 C							
	806.**314**.199.504…				**016**			

011 = max. 160 000 min⁻¹
012 = max. 300 000 min⁻¹
014 = max. 300 000 min⁻¹
016 = max. 300 000 min⁻¹
018 = max. 300 000 min⁻¹
023 = max. 300 000 min⁻¹

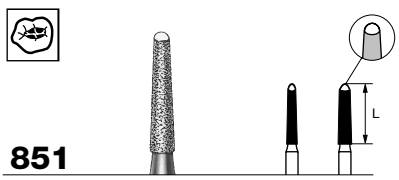
850 SMF

L mm		10,0
REF	**850 S MF**	
ISO	806.**314**.199.xxx…	**011**

011 = max. 160 000 min⁻¹



Break off the lamina.
Aufbrechen der Schmelzlamellen.



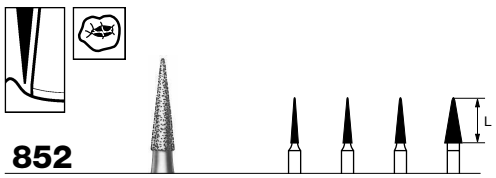
851

L mm		8,0	8,0
REF	**851**		
ISO	806.**314**.219.524…	**012**	**016**

012 = max. 300 000 min⁻¹

U	=	ISO 494	White ring · *weißer Ring*	ultra-fine · *ultrafein*	10 µm		
C	=	ISO 504	Yellow ring · *gelber Ring*	extra-fine · *extrafein*	25 µm		
F	=	ISO 514	Red ring · *roter Ring*	fine · *fein*	46 µm		
–	=	ISO 524	Blue ring · *blauer Ring*	medium · *mittel*	105–120 µm		
G	=	ISO 534	Green ring · *grüner Ring*	coarse · *grob*	126–150 µm		
SG	=	ISO 544	Black ring · *schwarzer Ring*	super-coarse · *supergrob*	180 µm		

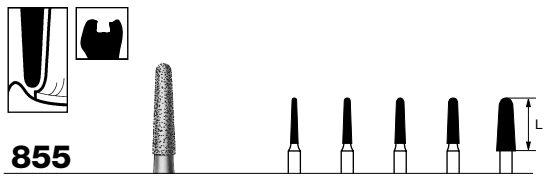
852



L mm		6,0	6,0	6,0	6,0
REF	**852**				
ISO	806.**314**.164.524…		**012**		
	852 G				
	806.**314**.164.534…				**023**
	852 F				
	806.**314**.164.514…		**012**	**014**	
	852 C				
	806.**314**.164.504…	**010**		**014**	
	852 U				
	806.**314**.164.494…	**010**			

010 = max. 160 000 min⁻¹
023 = max. 300 000 min⁻¹

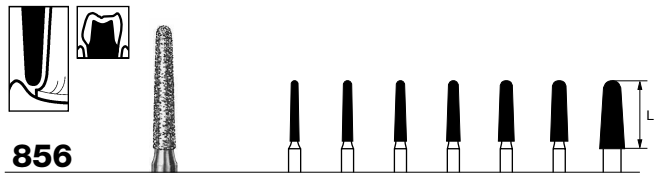
855



L mm		6,0	6,0	6,0	6,0	7,0
REF	**855**					
ISO	806.**314**.197.524…	**010**	**012**	**014**	**016**	**025**
	855 SG					
	806.**314**.197.544…					**025**
	855 G					
	806.**314**.197.534…		**012**		**016**	**025**
	855 F					
	806.**314**.197.514…	**010**				

010 = max. 160 000 min⁻¹
025 = max. 160 000 min⁻¹

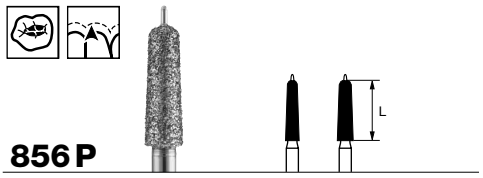
856



L mm		8,0	8,0	8,0	8,0	8,0	8,0	9,0
REF	**856**							
ISO	806.**104**.198.524…				**018**			**033**
	806.**314**.198.524…	**012**	**014**	**016**	**018**	**021**		
	856 SG							
	806.**314**.198.544…			**016**	**018**			
	856 G							
	806.**314**.198.534…	**012**	**014**	**016**	**018**	**021**	**023**	
	856 F							
	806.**314**.198.514…	**012**	**014**	**016**	**018**	**021**	**023**	
	856 C							
	806.**314**.198.504…	**012**						

012 = max. 300 000 min⁻¹
021 = max. 300 000 min⁻¹
023 = max. 300 000 min⁻¹
033 = max. 100 000 min⁻¹

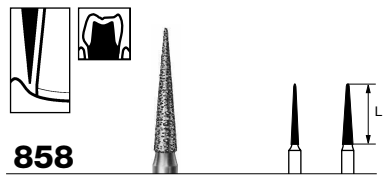
856 P



L mm		8,0	8,0
REF	**856 P**		
ISO	806.**314**. … .524…	**018**	**021**
	856 PG		
	806.**314**. … .534…	**018**	**021**
	856 PF		
	806.**314**. … .514…	**018**	**021**

= max. 160 000 min⁻¹

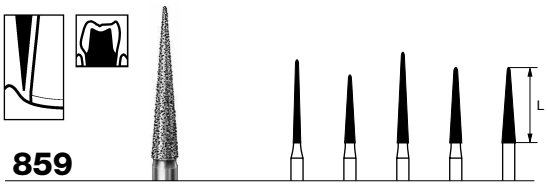
858



L mm		8,0	8,0
REF	**858**		
ISO	806.**104**.165.524…		**014**
	806.**314**.165.524…	**010**	**014**
	858 G		
	806.**314**.165.534…		**014**
	858 F		
	806.**314**.165.514…	**010**	**014**
	858 C		
	806.**314**.165.504…		**014**

010 = max. 300 000 min⁻¹
014 = max. 300 000 min⁻¹

859

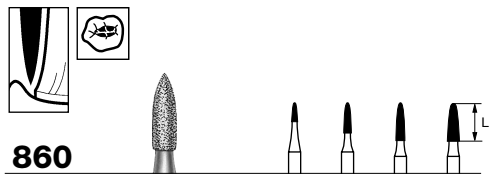


L mm		11,0	9,0	12,0	10,0	10,0
REF	**859**					
ISO	806.**104**.166.524…					**018**
	806.**314**.166.524…		**014**			**018**
	806.**314**.167.524…	**010**		**015**		
	859 G					
	806.**314**.166.534…		**014**			**018**
	859 F					
	806.**314**.166.514…		**014**			**018**
	806.**314**.167.514…	**010**				
	859 C					
	806.**314**.166.504…	**010**	**014**		**016**	**018**
	859 U					
	806.**314**.166.494…		**014**			

010 = max. 300 000 min⁻¹
014 = max. 300 000 min⁻¹
015 = max. 160 000 min⁻¹
016 = max. 300 000 min⁻¹
018 = max. 300 000 min⁻¹

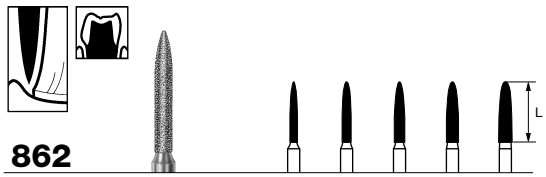
U	=	ISO 494 White ring · *weißer Ring*	ultra-fine · *ultrafein*	10 µm	–	=	ISO 524 Blue ring · *blauer Ring*	medium · *mittel*	105–120 µm
C	=	ISO 504 Yellow ring · *gelber Ring*	extra-fine · *extrafein*	25 µm	G	=	ISO 534 Green ring · *grüner Ring*	coarse · *grob*	126–150 µm
F	=	ISO 514 Red ring · *roter Ring*	fine · *fein*	46 µm	SG	=	ISO 544 Black ring · *schwarzer Ring*	super-coarse · *supergrob*	180 µm

860



L mm			2,5	4,0	5,0	5,0
REF		**860**				
ISO	806.**314**.245.524…			**010**	**012**	**016**
	860 G					
	806.**314**.245.534…				**012**	
	860 F					
	806.**314**.245.514…				**012**	
	860 C					
	806.**204**.245.504…		**009**			
	806.**314**.245.504…		**009**	**010**		

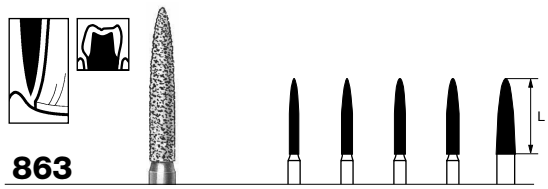
862



L mm			8,0	8,0	8,0	8,0	8,0
REF		**862**					
ISO	806.**104**.249.524…					**016**	**018**
	806.**204**.249.524…				**014**	**016**	
	806.**314**.249.524…		**010**	**012**	**014**	**016**	
	862 SG						
	806.**314**.249.544…			**012**			
	862 G						
	806.**314**.249.534…			**012**	**014**	**016**	
	862 F						
	806.**314**.249.514…		**010**	**012**	**014**		
	862 C						
	806.**204**.249.504…				**014**		
	806.**314**.249.504…		**010**	**012**	**014**	**016**	
	862 U						
	806.**314**.249.494…			**012**			

010 = max. 300 000 min⁻¹
012 = max. 300 000 min⁻¹

863



L mm			10,0	10,0	10,0	10,0	10,0
REF		**863**					
ISO	806.**104**.250.524…		**012**		**016**		**025**
	806.**204**.250.524…				**016**		
	806.**314**.250.524…		**012**	**014**	**016**	**018**	
	863 G						
	806.**314**.250.534…		**012**	**014**	**016**	**018**	
	863 F						
	806.**204**.250.514…				**016**		
	806.**314**.250.514…		**012**	**014**	**016**		
	863 C						
	806.**204**.250.504…		**012**				
	806.**314**.250.504…		**012**		**016**		

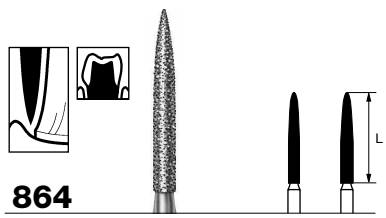
012 = max. 300 000 min⁻¹
014 = max. 300 000 min⁻¹
016 = max. 300 000 min⁻¹

863 GK

L mm			10,0
REF		**863 GK C**	
ISO	806.**314**.256.504…		**012**

012 = max. 300 000 min⁻¹

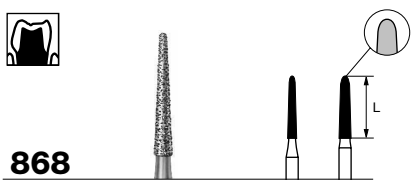
864



L mm			12,0	12,0
REF		**864**		
ISO	806.**314**.251.524…		**016**	
	864 G			
	806.**314**.251.534…		**016**	**018**

016 = max. 160 000 min⁻¹
018 = max. 160 000 min⁻¹

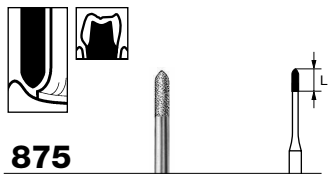
868



L mm			8,0	8,0
REF		**868**		
ISO	806.**314**.223.524…		**012**	**016**

012 = max. 300 000 min⁻¹

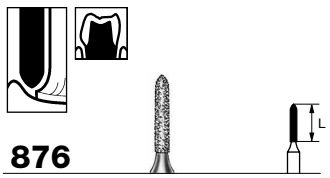
U	=	ISO 494 White ring · *weißer Ring*	ultra-fine · *ultrafein*	10 µm	–	=	ISO 524 Blue ring · *blauer Ring*	medium · *mittel*	105–120 µm
C	=	ISO 504 Yellow ring · *gelber Ring*	extra-fine · *extrafein*	25 µm	G	=	ISO 534 Green ring · *grüner Ring*	coarse · *grob*	126–150 µm
F	=	ISO 514 Red ring · *roter Ring*	fine · *fein*	46 µm	SG	=	ISO 544 Black ring · *schwarzer Ring*	super-coarse · *supergrob*	180 µm



875

L mm	3,0
REF ■ 875	
ISO 806.314.535.524…	009

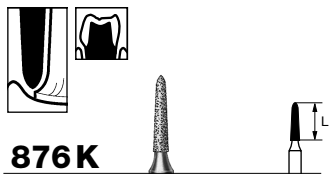
009 = max. 300 000 min⁻¹



876

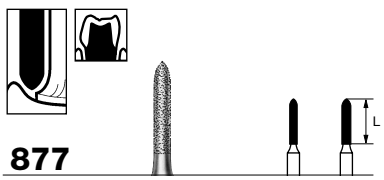
L mm	5,0
REF ■ 876	
ISO 806.314.287.524…	009

009 = max. 300 000 min⁻¹



876 K

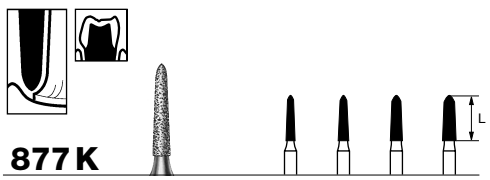
L mm	5,0
REF ■ 876 K G	
ISO 806.314.296.534…	012



877

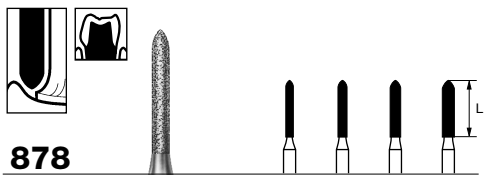
L mm	6,0	6,0
REF ■ 877		
ISO 806.314.288.524…	010	012
■ 877 G		
806.314.288.534…	010	012
■ 877 F		
806.314.288.514…		012

010 = max. 160 000 min⁻¹



877 K

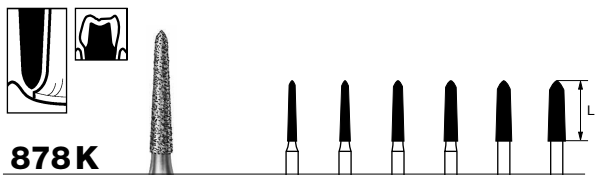
L mm	6,0	6,0	6,0	6,0
REF ■ 877 K				
ISO 806.314.297.524…	012	014	016	
■ 877 K G				
806.314.297.534…	012	014	016	018



878

L mm	8,0	8,0	8,0	8,0
REF ■ 878				
ISO 806.314.289.524…	010	012	014	016
■ 878 G				
806.314.289.534…	010	012	014	016
■ 878 F				
806.314.289.514…	010	012	014	016

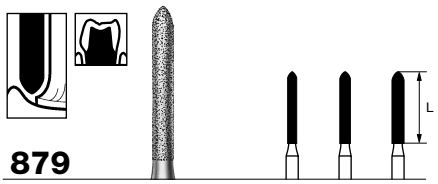
010 = max. 160 000 min⁻¹
012 = max. 300 000 min⁻¹



878 K

L mm	8,0	8,0	8,0	8,0	8,0	8,0
REF ■ 878 K						
ISO 806.314.298.524…	012	014	016	018	021	
■ 878 K SG						
806.314.298.544…			016			
■ 878 K G						
806.314.298.534…	012	014	016	018	021	023
■ 878 K F						
806.314.298.514…		014	016			

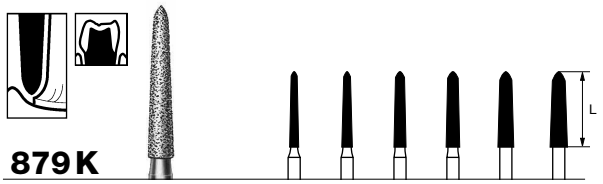
012 = max. 300 000 min⁻¹
021 = max. 300 000 min⁻¹
023 = max. 300 000 min⁻¹



879

L mm	10,0	10,0	10,0
REF ■ 879			
ISO 806.314.290.524…	012	014	
■ 879 G			
806.314.290.534…	012	014	016
■ 879 F			
806.314.290.514…	012	014	016
■ 879 C			
806.314.290.504…	012		

012 = max. 160 000 min⁻¹
016 = max. 300 000 min⁻¹
014 = max. 300 000 min⁻¹



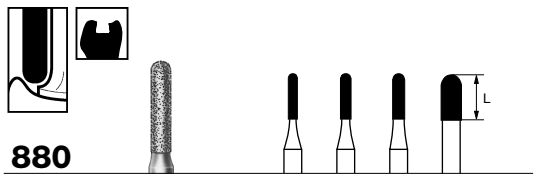
879 K

L mm	10,0	10,0	10,0	10,0	10,0	10,0
REF ■ 879 K						
ISO 806.314.299.524…	012	014	016	018	021	
■ 879 K G						
806.314.299.534…	012	014	016	018	021	023

012 = max. 300 000 min⁻¹
014 = max. 300 000 min⁻¹
016 = max. 300 000 min⁻¹
018 = max. 300 000 min⁻¹
021 = max. 300 000 min⁻¹
023 = max. 300 000 min⁻¹

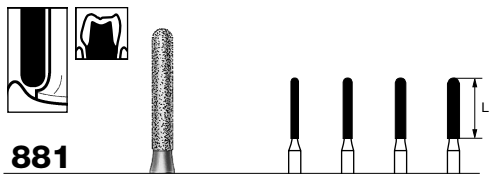
U	=	□	ISO 494 White ring · *weißer Ring*	ultra-fine · *ultrafein*	10 µm		
C	=	■	ISO 504 Yellow ring · *gelber Ring*	extra-fine · *extrafein*	25 µm		
F	=	■	ISO 514 Red ring · *roter Ring*	fine · *fein*	46 µm		
–	=	■	ISO 524 Blue ring · *blauer Ring*	medium · *mittel*	105–120 µm		
G	=	■	ISO 534 Green ring · *grüner Ring*	coarse · *grob*	126–150 µm		
SG	=	■	ISO 544 Black ring · *schwarzer Ring*	super-coarse · *supergrob*	180 µm		

880



L mm		6,0	6,0	6,0	6,0
REF ■ **880**					
ISO	806.**104**.140.524…			**016**	**027**
	806.**314**.140.524…	**012**	**014**	**016**	
■ **880 G**					
	806.**314**.140.534…	**012**	**014**		
■ **880 F**					
	806.**314**.140.514…	**012**			

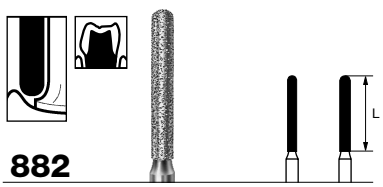
881



L mm		8,0	8,0	8,0	8,0
REF ■ **881**					
ISO	806.**314**.141.524…	**010**	**012**	**014**	**016**
■ **881 G**					
	806.**314**.141.534…		**012**	**014**	**016**
■ **881 F**					
	806.**314**.141.514…	**010**	**012**	**014**	**016**

010 = max. 160 000 min⁻¹
012 = max. 300 000 min⁻¹

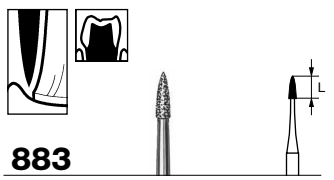
882



L mm		10,0	10,0
REF ■ **882**			
ISO	806.**314**.142.524…	**012**	**014**
■ **882 F**			
	806.**314**.142.514…	**012**	**014**

012 = max. 300 000 min⁻¹
014 = max. 300 000 min⁻¹

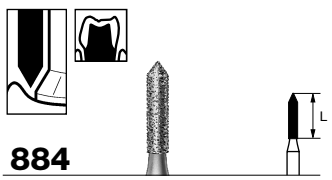
883



L mm		3,0
REF ■ **883 G**		
ISO	806.**314**.539.534…	**010**

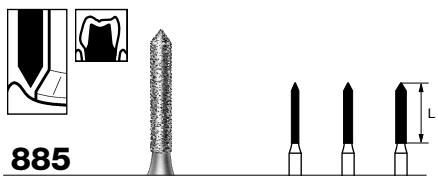
010 = max. 300 000 min⁻¹

884



L mm		6,0
REF ■ **884**		
ISO	806.**314**.129.524…	**012**
■ **884 G**		
	806.**314**.129.534…	**012**
■ **884 F**		
	806.**314**.129.514…	**012**

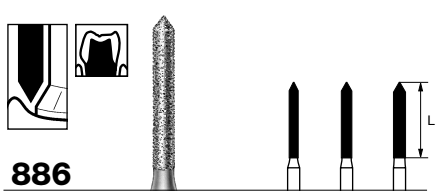
885



L mm		8,0	8,0	8,0
REF ■ **885**				
ISO	806.**314**.130.524…		**012**	**014**
■ **885 G**				
	806.**314**.130.534…		**012**	**014**
■ **885 F**				
	806.**314**.130.514…	**010**	**012**	

010 = max. 160 000 min⁻¹
012 = max. 300 000 min⁻¹

886



L mm		10,0	10,0	10,0
REF ■ **886**				
ISO	806.**314**.131.524…	**012**	**014**	**016**
■ **886 G**				
	806.**314**.131.534…		**014**	**016**
■ **886 F**				
	806.**314**.131.514…		**014**	

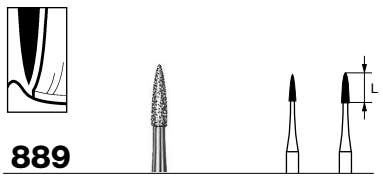
012 = max. 300 000 min⁻¹
014 = max. 300 000 min⁻¹
016 = max. 300 000 min⁻¹

U	= □	ISO 494 White ring · *weißer Ring*	ultra-fine · *ultrafein*	10 µm	–	= ■ ISO 524 Blue ring · *blauer Ring*	medium · *mittel*	105–120 µm
C	= ■	ISO 504 Yellow ring · *gelber Ring*	extra-fine · *extrafein*	25 µm	G	= ■ ISO 534 Green ring · *grüner Ring*	coarse · *grob*	126–150 µm
F	= ■	ISO 514 Red ring · *roter Ring*	fine · *fein*	46 µm	SG	= ■ ISO 544 Black ring · *schwarzer Ring*	super-coarse · *supergrob*	180 µm

888

L mm		8,0
REF	888	
ISO	806.314.496.524…	012

012 = max. 300 000 min⁻¹



889

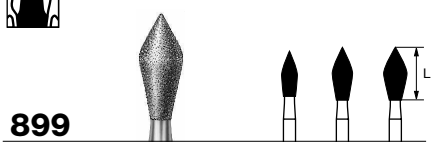
L mm		3,5	4,0
REF	889		
ISO	806.314.540.524…	009	
	889 G		
	806.314.540.534…	009	010
	889 F		
	806.314.540.514…	009	010

009 = max. 300 000 min⁻¹
010 = max. 300 000 min⁻¹

898

L mm		10,5
REF	898	
ISO	806.314.213.524…	016

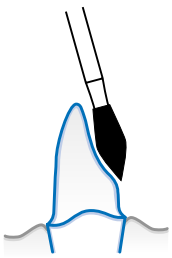
016 = max. 300 000 min⁻¹



899

L mm		6,5	7,0	7,0
REF	899			
ISO	806.314.033.524…	021	027	031
	899 F			
	806.314.033.514…	021	027	

021 = max. 300 000 min⁻¹
027 = max. 160 000 min⁻¹
031 = max. 140 000 min⁻¹



909

L mm		1,0	1,0	2,0
REF	909			
ISO	806.314.068.524…	035	040	
	909 G			
	806.314.068.534…	035	040	045

035 = max. 100 000 min⁻¹
040 = max. 100 000 min⁻¹
045 = max. 80 000 min⁻¹

955

L mm		3,0
REF	955 F	
ISO	806.314.699.514…	008
	955 C	
	806.314.699.504…	008

max. 300 000 min⁻¹

956

L mm		4,0
REF	956 F	
ISO	806.314.159.514…	010
	956 C	
	806.314.159.504…	010

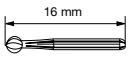
957

L mm		3,0
REF	957 F	
ISO	806.314.195.514…	009

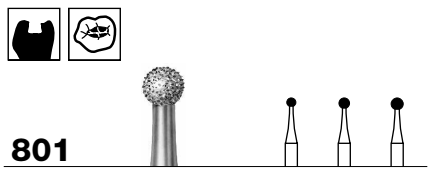
U	=	ISO 494 White ring · *weißer Ring*	ultra-fine · *ultrafein*	10 µm	–	=	ISO 524 Blue ring · *blauer Ring*	medium · *mittel*	105–120 µm
C	=	ISO 504 Yellow ring · *gelber Ring*	extra-fine · *extrafein*	25 µm	G	=	ISO 534 Green ring · *grüner Ring*	coarse · *grob*	126–150 µm
F	=	ISO 514 Red ring · *roter Ring*	fine · *fein*	46 µm	SG	=	ISO 544 Black ring · *schwarzer Ring*	super-coarse · *supergrob*	180 µm

Diamond Instruments FG short
Diamantinstrumente FG kurz

313 · FG short · *FG kurz*

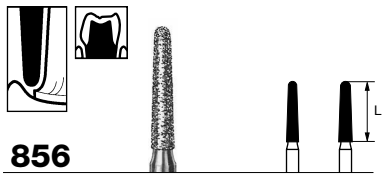


Ø 1,60 mm



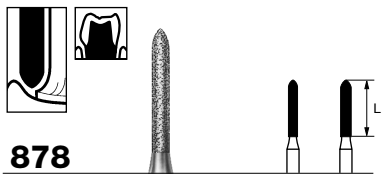
801

REF		ISO			
■	**801**	806.**313**.001.524…	**012**	**014**	
■	**801 G**	806.**313**.001.534…		**014**	**016**



856

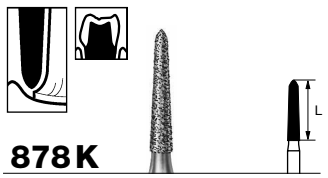
L mm			8,0	8,0
REF	■	**856 G**		
ISO		806.**313**.198.534…	**016**	**018**



878

L mm			8,0	8,0
REF	■	**878**		
ISO		806.**313**.289.524…	**012**	
■	**878 G**	806.**313**.289.534…	**012**	**014**
■	**878 F**	806.**313**.289.514…		**014**

012 = max. 300 000 min⁻¹

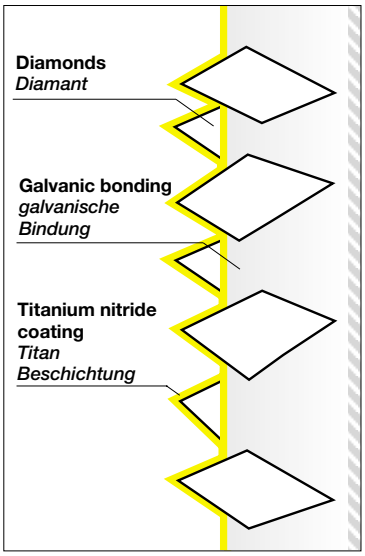


878 K

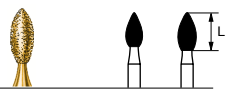
L mm			8,0
REF	■	**878 K**	
ISO		806.**313**.298.524…	**016**

U	=	ISO 494 White ring · *weißer Ring*	ultra-fine · *ultrafein*	10 µm	–	=	ISO 524 Blue ring · *blauer Ring*	medium · *mittel*	105–120 µm
C	=	ISO 504 Yellow ring · *gelber Ring*	extra-fine · *extrafein*	25 µm	G	=	ISO 534 Green ring · *grüner Ring*	coarse · *grob*	126–150 µm
F	=	ISO 514 Red ring · *roter Ring*	fine · *fein*	46 µm	SG	=	ISO 544 Black ring · *schwarzer Ring*	super-coarse · *supergrob*	180 µm

Titanium Nitride (TiN) Coated Instruments
TiN Instrumente

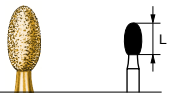


T 368



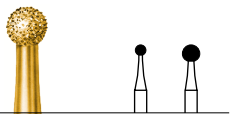
L mm		2,2	5,0
REF	T 368		
ISO	806.**314.** ... .524...		**023**
	T 368 G		
	806.**314.** ... .534...	**020**	**023**
	T 368 F		
	806.**314.** ... .514...	**020**	**023**

T 379



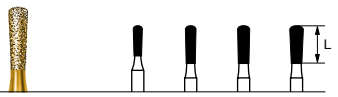
L mm		4,2
REF	T 379	
ISO	806.**314.** ... .524...	**023**
	T 379 G	
	806.**314.** ... .534...	**023**
	T 379 F	
	806.**314.** ... .514...	**023**

T 801



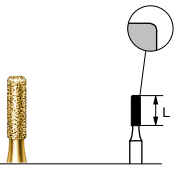
REF	T 801	
ISO	806.**314.** ... .524...	**014**
	T 801 G	
	806.**314.** ... .534...	**014** **023**

T 830 L



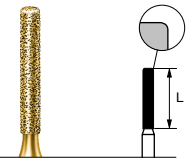
L mm		4,0	5,0	5,0	5,0
REF	T 830 L				
ISO	806.**314.** ... .524...	**012**	**014**	**016**	
	T 830 L G				
	806.**314.** ... .534...	**012**	**014**	**016**	**018**

T 835 KR



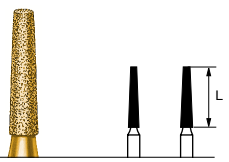
L mm		4,0
REF	T 835 KR	
ISO	806.**314.** ... .524...	**012**
	T 835 KR G	
	806.**314.** ... .534...	**012**

T 837 KR



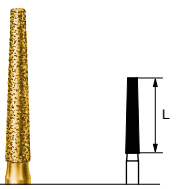
L mm		8,0
REF	T 837 KR	
ISO	806.**314.** ... .524...	**014**
	T 837 KR G	
	806.**314.** ... .534...	**014**

T 847



L mm		8,0	8,0
REF	T 847 G		
ISO	806.**314.** ... .534...	**014**	**016**

T 848

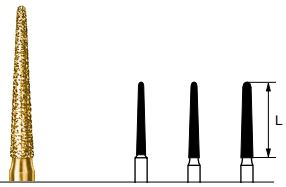


L mm		8,0
REF	T 848 G	
ISO	806.**314.** ... .534...	**018**

018 = ↻ max. 160 000 min⁻¹

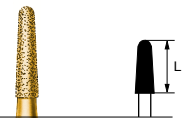
U	=	ISO 494 White ring · *weißer Ring*	ultra-fine · *ultrafein*	10 µm	–	=	ISO 524 Blue ring · *blauer Ring*	medium · *mittel*	105–120 µm
C	=	ISO 504 Yellow ring · *gelber Ring*	extra-fine · *extrafein*	25 µm	G	=	ISO 534 Green ring · *grüner Ring*	coarse · *grob*	126–150 µm
F	=	ISO 514 Red ring · *roter Ring*	fine · *fein*	46 µm	SG	=	ISO 544 Black ring · *schwarzer Ring*	super-coarse · *supergrob*	180 µm

T 850



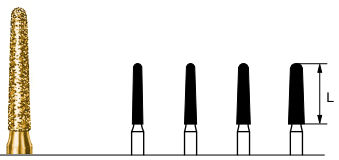
L mm			8,0	8,0	8,0
REF	■	**T 850**			
ISO		806.**314.** … .524…	**012**	**014**	
	■	**T 850 G**			
		806.**314.** … .534…	**012**	**014**	**016**
	■	**T 850 F**			
		806.**314.** … .514…	**012**		

T 855



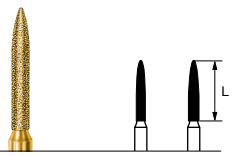
L mm			6,0
REF	■	**T 855**	
ISO		806.**314.** … .524…	**025**
	■	**T 855 G**	
		806.**314.** … .534…	**025**

T 856



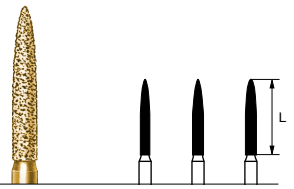
L mm			8,0	8,0	8,0	8,0
REF	■	**T 856**				
ISO		806.**314.** … .524…		**016**	**018**	
	■	**T 856 G**				
		806.**314.** … .534…	**014**	**016**	**018**	**021**

T 862



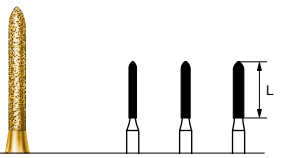
L mm			8,0	8,0
REF	■	**T 862 G**		
ISO		806.**314.** … .534…	**012**	**014**
	■	**T 862 F**		
		806.**314.** … .514…	**012**	

T 863



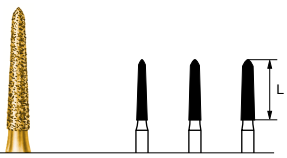
L mm			10,0	10,0	10,0
REF	■	**T 863 G**			
ISO		806.**314.** … .534…	**012**	**014**	**016**
	■	**T 863 F**			
		806.**314.** … .514…	**012**	**014**	**016**

T 878



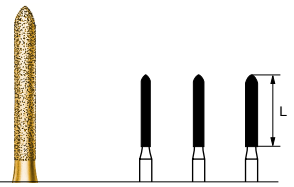
L mm			8,0	8,0	8,0
REF	■	**T 878**			
ISO		806.**314.** … .524…		**012**	**014**
	■	**T 878 G**			
		806.**314.** … .534…	**010**	**012**	**014**
	■	**T 878 F**			
		806.**314.** … .514…			**014**

T 878 K



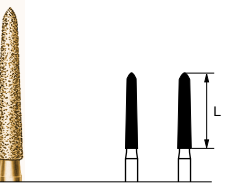
L mm			8,0	8,0	8,0
REF	■	**T 878 K**			
ISO		806.**314.** … .524…			**018**
	■	**T 878 K G**			
		806.**314.** … .534…	**014**	**016**	**018**

T 879



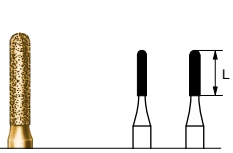
L mm			10,0	10,0	10,0
REF	■	**T 879**			
ISO		806.**314.** … .524…		**014**	**016**
	■	**T 879 G**			
		806.**314.** … .534…	**012**	**014**	**016**
	■	**T 879 F**			
		806.**314.** … .514…		**014**	**016**

T 879 K



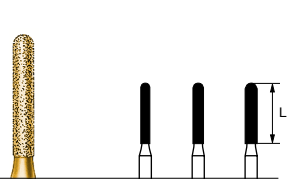
L mm			10,0	10,0
REF	■	**T 879 K G**		
ISO		806.**314.** … .524…	**016**	**018**

T 880



L mm			6,0	6,0
REF	■	**T 880 G**		
ISO		806.**314.** … .534…	**012**	**014**

T 881



L mm			6,0	6,0	6,0
REF	■	**T 881**			
ISO		806.**314.** … .524…	**012**		
	■	**T 881 G**			
		806.**314.** … .534…	**012**	**014**	**016**
	■	**T 881 F**			
		806.**314.** … .514…	**012**	**014**	**016**

U	=	□	ISO 494 White ring · *weißer Ring*	ultra-fine · *ultrafein*	10 µm	–	= ■	ISO 524 Blue ring · *blauer Ring*	medium · *mittel*	105–120 µm
C	=	■	ISO 504 Yellow ring · *gelber Ring*	extra-fine · *extrafein*	25 µm	G	= ■	ISO 534 Green ring · *grüner Ring*	coarse · *grob*	126–150 µm
F	=	■	ISO 514 Red ring · *roter Ring*	fine · *fein*	46 µm	SG	= ■	ISO 544 Black ring · *schwarzer Ring*	super-coarse · *supergrob*	180 µm

Micropreparation
Mikropräparation

① Initial situation:
Undermining fissure caries and proximal caries

Ausgangssituation: Unterminierende Fissuren- und Approximalkaries

② Minimally invasive opening and detection of the size of the carious defect with instrument **889 B**.007

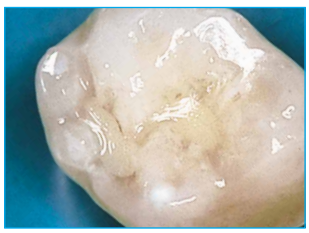
*Minimalinvasive Eröffnung und Darstellung der Größe des kariösen Defektes mit dem Instrumentenkopf **889 B**.007*

③ Excavation of minimally undermining fissure caries with the pear-shaped instrument **830 RB**.009

*Ausräumung von minimal unterminierender Karies im Bereich der Fissuren mit der Birnenform **830 RB**.009*

④ Optimal vision even in deep areas due to the extremely thin instrument necks permitting good flow of coolant. Preparation with instrument **953 B**.014

*Ausgezeichnete Sicht auch in tief untersichgehende Bereiche. Damit verbunden ist ein leichter Zufluss von Kühlflüssigkeit **953 B**.014*

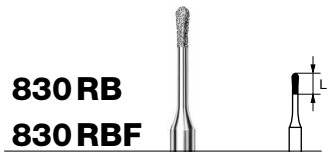


⑤ Aesthetic and anatomically perfect composite restoration

Ästhetisch und anatomisch natürlich wirkende Composite-Restaurationen

830 B
830 BF

L mm		2,7
REF	**830 B**	
ISO	806.**314**. … .524…	**012**
	830 BF	
	806.**314**. … .514…	**012**

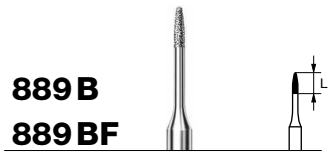


830 RB
830 RBF

L mm		2,7
REF	**830 RB**	
ISO	806.**314**. … .524…	**009**
	830 RBF	
	806.**314**. … .514…	**009**

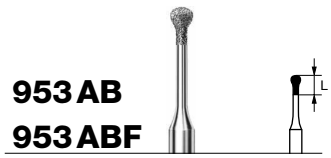
838 B
838 BF

L mm		2,7
REF	**838 B**	
ISO	806.**314**. … .524…	**007**
	838 BF	
	806.**314**. … .514…	**007**



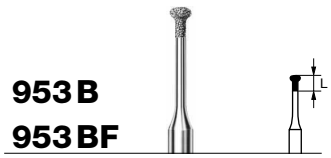
889 B
889 BF

L mm		2,7
REF	**889 B**	
ISO	806.**314**. … .524…	**007**
	889 BF	
	806.**314**. … .514…	**007**



953 AB
953 ABF

L mm		2,5
REF	**830 B**	
ISO	806.**314**. … .524…	**014**
	830 BF	
	806.**314**. … .514…	**014**



953 B
953 BF

L mm		2,0
REF	**953 B**	
ISO	806.**314**. … .524…	**014**
	953 BF	
	806.**314**. … .514…	**014**

U	=	ISO 494 **White ring** · *weißer Ring*	**ultra-fine** · *ultrafein*	**10 µm**	–	=	ISO 524 **Blue ring** · *blauer Ring*	**medium** · *mittel*	**105–120 µm**
C	=	ISO 504 **Yellow ring** · *gelber Ring*	**extra-fine** · *extrafein*	**25 µm**	G	=	ISO 534 **Green ring** · *grüner Ring*	**coarse** · *grob*	**126–150 µm**
F	=	ISO 514 **Red ring** · *roter Ring*	**fine** · *fein*	**46 µm**	SG	=	ISO 544 **Black ring** · *schwarzer Ring*	**super-coarse** · *supergrob*	**180 µm**

InteC Instruments
InteC Instrumente

super-coarse · 180 µm
supergrob · 180 µm

i 368

L mm			4,5	5,0
REF	■ i 368 SG			
ISO	806.**314.** … .544…		**018**	**023**

023 = max. 300 000 min⁻¹

i 837

L mm			8,0
REF	■ i 837 SG		
ISO	806.**314.** … .544…		**014**

i 837 KR

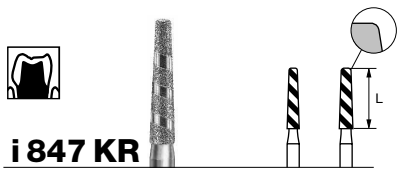
L mm			8,0	8,0
REF	■ i 837 KR SG			
ISO	806.**314.** … .544…		**014**	**018**

012 = max. 300 000 min⁻¹

i 847

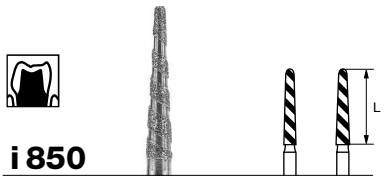
L mm			8,0	8,0
REF	■ i 847 SG			
ISO	806.**314.** … .544…		**016**	**018**

i 847 KR



L mm			8,0	8,0
REF	■ i 847 KR SG			
ISO	806.**314.** … .544…		**016**	**018**

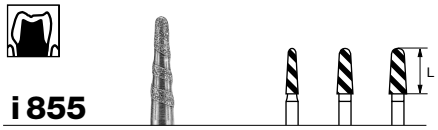
i 850



L mm			10,0	10,0
REF	■ i 850 SG			
ISO	806.**314.** … .544…		**016**	**018**

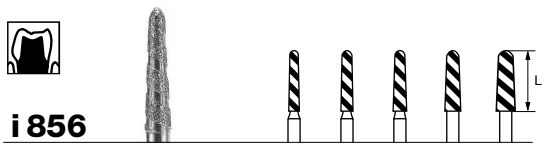
016 = max. 300 000 min⁻¹
018 = max. 300 000 min⁻¹

i 855



L mm			6,0	6,0	6,0
REF	■ i 855 SG				
ISO	806.**314.** … .544…		**016**	**021**	**023**

i 856



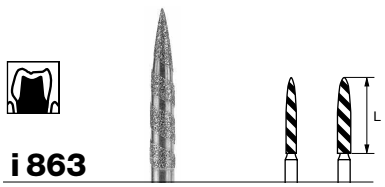
L mm			8,0	8,0	8,0	8,0	8,0
REF	■ i 856 SG						
ISO	806.**314.** … .544…		**014**	**016**	**018**	**021**	**025**

021 = max. 160 000 min⁻¹

i 862

L mm			8,0	8,0
REF	■ i 862 SG			
ISO	806.**314.** … .544…		**012**	**014**

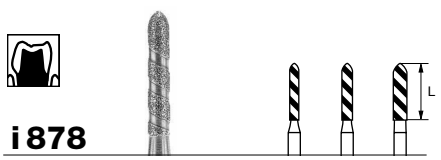
i 863



L mm			10,0	10,0
REF	■ i 863 SG			
ISO	806.**314.** … .544…		**014**	**018**

014 = max. 300 000 min⁻¹
018 = max. 300 000 min⁻¹

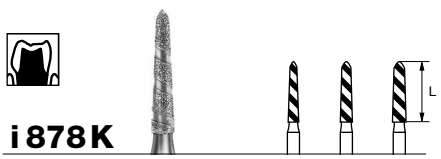
i 878



L mm			8,0	8,0	8,0
REF	■ i 878 SG				
ISO	806.**314.** … .544…		**012**	**014**	**018**

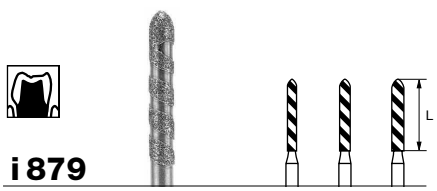
012 = max. 300 000 min⁻¹

i 878 K



L mm			8,0	8,0	8,0
REF	■ i 878 K SG				
ISO	806.**314.** … .544…		**014**	**016**	**018**

i 879



L mm			10,0	10,0	10,0
REF	■ i 879 SG				
ISO	806.**314.** … .544…		**012**	**014**	**016**

012 = max. 160 000 min⁻¹ 016 = max. 300 000 min⁻¹
014 = max. 300 000 min⁻¹

i 880

L mm			7,0	7,0
REF	■ i 880 SG			
ISO	806.**314.** … .544…		**012**	**014**

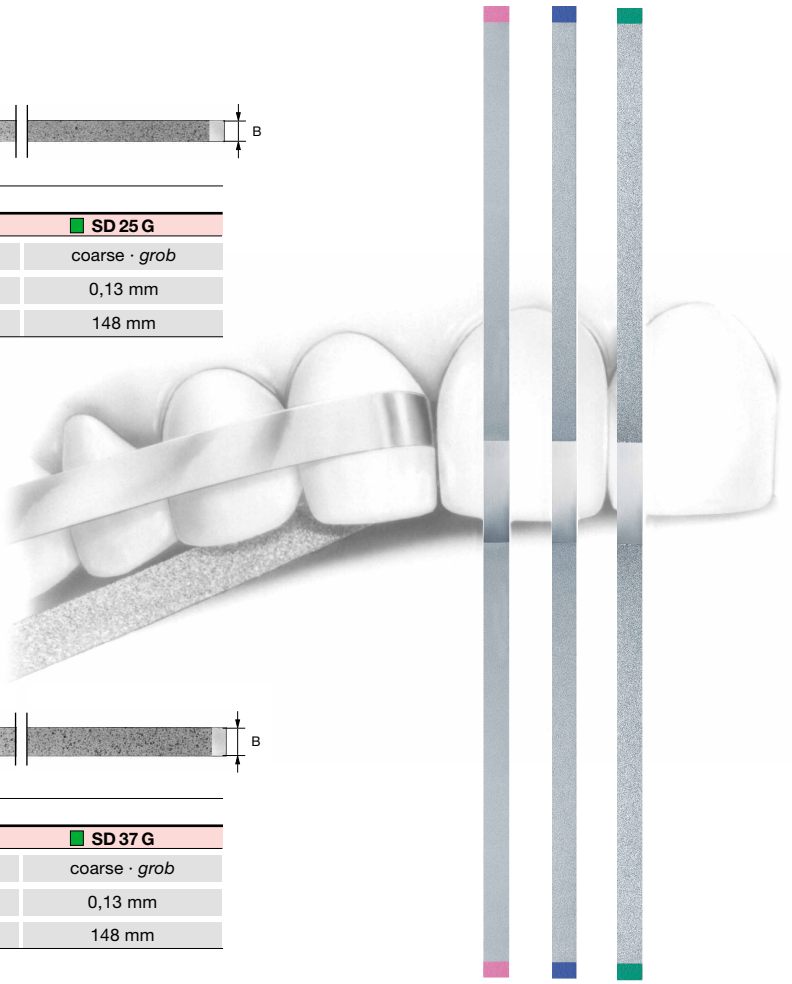
U	=	ISO 494 White ring · *weißer Ring*	ultra-fine · *ultrafein*	10 µm	–	=	ISO 524 Blue ring · *blauer Ring*	medium · *mittel*	105–120 µm
C	=	ISO 504 Yellow ring · *gelber Ring*	extra-fine · *extrafein*	25 µm	G	=	ISO 534 Green ring · *grüner Ring*	coarse · *grob*	126–150 µm
F	=	ISO 514 Red ring · *roter Ring*	fine · *fein*	46 µm	SG	=	ISO 544 Black ring · *schwarzer Ring*	super-coarse · *supergrob*	180 µm

Diamond Finishing Strips
Diamantstreifen

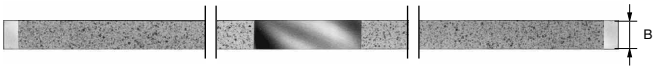
SD 25 F
SD 25 M
SD 25 G

B mm 2,5

REF	SD 25 F	SD 25 M	SD 25 G
Grit · *Körnung*	fine · *fein*	medium · *mittel*	coarse · *grob*
Thickness · *Stärke*	0,08 mm	0,10 mm	0,13 mm
Length · *Länge*	148 mm	148 mm	148 mm



SD 37 F
SD 37 M
SD 37 G

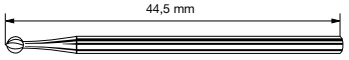


B mm 3,7

REF	SD 37 F	SD 37 M	SD 37 G
Grit · *Körnung*	fine · *fein*	medium · *mittel*	coarse · *grob*
Thickness · *Stärke*	0,08 mm	0,10 mm	0,13 mm
Length · *Länge*	148 mm	148 mm	148 mm

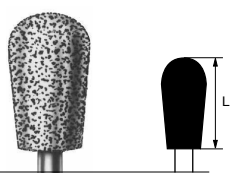
Diamond tools for laboratory application
Diamantwerkzeuge für das Dentallabor

104 · Handpiece · *Handstück*



Ø 2,35 mm

830

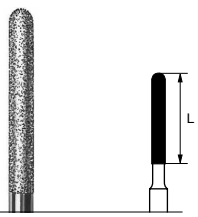


L mm 12,0

REF	830
ISO	806.104.237.524… 060

060 = max. 50 000 min⁻¹

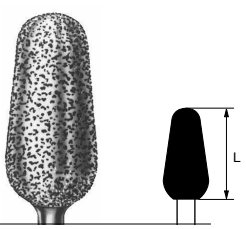
842 R



L mm 12,0

REF	842 R
ISO	806.104.143.524… 018

896



L mm 12,0

REF	896
ISO	806.104.260.524… 060

060 = max. 50 000 min⁻¹

U	=	ISO 494 White ring · *weißer Ring*	ultra-fine · *ultrafein*	10 µm	–	=	ISO 524 Blue ring · *blauer Ring*	medium · *mittel*	105–120 µm
C	=	ISO 504 Yellow ring · *gelber Ring*	extra-fine · *extrafein*	25 µm	G	=	ISO 534 Green ring · *grüner Ring*	coarse · *grob*	126–150 µm
F	=	ISO 514 Red ring · *roter Ring*	fine · *fein*	46 µm	SG	=	ISO 544 Black ring · *schwarzer Ring*	super-coarse · *supergrob*	180 µm

Sintered Diamonds
Sinter-Diamantschleifer

7801

REF	**7801**		
ISO	807.**104**.001.524…		**018**

7805
76805

L mm			0,9	1,5
REF	**7805**			
ISO	807.**104**.014.524…		**018**	**029**
	76805			
	807.**104**.014.534…		**018**	**029**

7818

L mm			0,5
REF	**7818**		
ISO	807.**104**.041.524…		**080**

080 = max. 35 000 min⁻¹

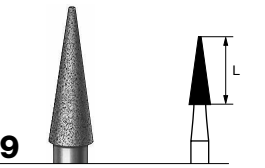
7848

L mm			12,0
REF	**7848**		
ISO	807.**104**.174.524…		**029**

7856
76856

L mm			8,0	9,5
REF	**7856**			
ISO	807.**104**.198.524…		**029**	
	76856			
	807.**104**.198.534…			**033**

76859

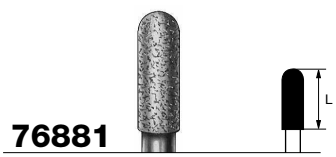


L mm			9,0
REF	**76859**		
ISO	807.**104**.166.534…		**029**

7862

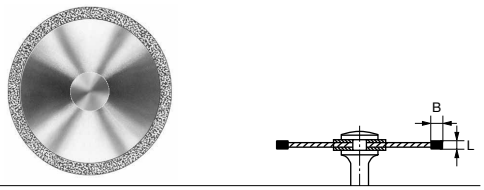
L mm			8,0
REF	**7862**		
ISO	807.**104**.243.524…		**029**

76881



L mm			8,0
REF	**76881**		
ISO	807.**104**.141.534…		**029**

942 F



B mm			2,0	2,0	2,0
REF	**942 F**			fine · fein	
ISO	L mm 0,17	806.**104**.395.514…	**140**	**200**	**220**

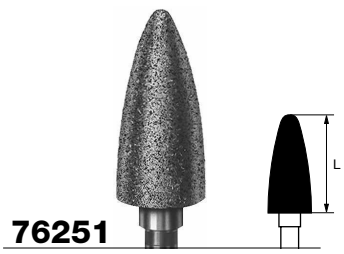
140 = max. 30 000 min⁻¹ 200 = max. 20 000 min⁻¹ 220 = max. 20 000 min⁻¹

76351

L mm			10,0
REF	**76351**		
ISO	807.**104**.263.534…		**050**

050 = max. 50 000 min⁻¹

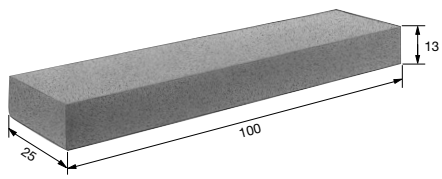
76251



L mm			13,0
REF	**76251**		
ISO	807.**104**.274.534…		**060**

060 = max. 50 000 min⁻¹

S 1000



REF	**S 1000**

Cleaning stone for diamonds | *Reinigungsstein für Diamanten*

U	=	ISO 494 White ring · *weißer Ring*	ultra-fine · *ultrafein*	10 µm	–	=	ISO 524 Blue ring · *blauer Ring*	medium · *mittel*	105–120 µm
C	=	ISO 504 Yellow ring · *gelber Ring*	extra-fine · *extrafein*	25 µm	G	=	ISO 534 Green ring · *grüner Ring*	coarse · *grob*	126–150 µm
F	=	ISO 514 Red ring · *roter Ring*	fine · *fein*	46 µm	SG	=	ISO 544 Black ring · *schwarzer Ring*	super-coarse · *supergrob*	180 µm

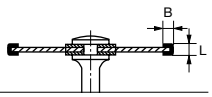
Diamond disc with continuous diamond-coated periphery and round perforations
- good vision

Diamantscheibe mit durchgehendem kreisrunden Umfangsprofil und kreisrunden Perforationen
- *gute Durchsicht*

Rigid · *starr* | coated on both sides · *beidseitig belegt*

for ceramics
- separating and grinding on both sides
- good vision

für Keramik
- *zum beidseitigen Trennen und Schleifen*
- *freie Sicht auf das Arbeitsfeld*



910P

B mm			1,5
REF	910P		medium · mittel
ISO	L mm 0,60	806.104.332.524…	220

220 = max. 20 000 min⁻¹

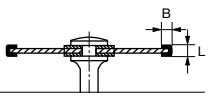
Diamond discs with continuous diamond-coated periphery for working on ceramics

Diamantscheiben mit durchgehendem kreisrunden Umfangsprofil zur Bearbeitung von Keramik

Flexible · *flexibel* | coated on both sides · *beidseitig belegt*

for ceramics
- separating and contouring
- separating and grinding on both sides

für Keramik
- *zum Separieren und Konturieren*
- *zum beidseitigen Trennen und Schleifen*



911F

B mm			2,0
REF	911F		fine · fein
ISO	L mm 0,30	806.104.340.514…	220

220 = max. 20 000 min⁻¹

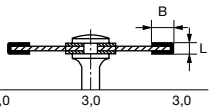
Diamond discs with continuous diamond-coated periphery

Diamantscheiben mit durchgehendem kreisrunden Umfangsprofil

Hyperflexible · *hyperflexibel* | coated on both sides · *beidseitig belegt*

for ceramics
- initial separating and contouring

für Keramik
- *zum Vorseparieren und Konturieren*



911HF
911HC

B mm			2,0	3,0	3,0
REF	911HF			fine · fein	
ISO	L mm 0,17	806.104.355.514…	180	200	220
	911HC			extra fine · extrafein	
	L mm 0,10	806.104.355.504…	180	200	220

180 = max. 25 000 min⁻¹ 200 = max. 20 000 min⁻¹ 220 = max. 20 000 min⁻¹

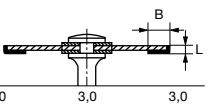
Diamond discs with continuous diamond-coated periphery

Diamantscheiben mit durchgehendem kreisrunden Umfangsprofil

Hyperflexible · *hyperflexibel* | coated on the lower side · *hinten belegt*

for ceramics
- initial separating and contouring

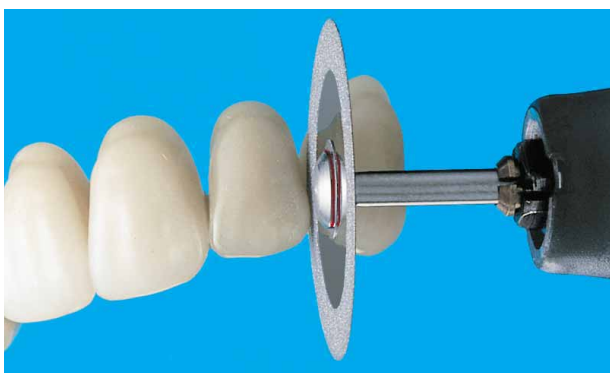
für Keramik
- *zum Vorseparieren und Konturieren*



911HHF
911HHC

B mm			2,0	3,0	3,0
REF	911HHF			fine · fein	
ISO	L mm 0,15	806.104.356.514…		220	
	911HHC			extra fine · extrafein	
	L mm 0,10	806.104.356.504…		220	

220 = max. 20 000 min⁻¹



REF 911HC.104.220

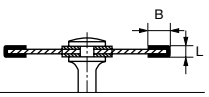
Diamond discs with oval perforations
- **good vision**
- **optimal flexibility**

Diamantscheiben mit ovalen Perforationen
- *große Durchsicht*
- *gute Flexibilität*

Hyperflexible · *hyperflexibel* | coated on both sides · *beidseitig belegt*

for ceramics and acrylic veneers
- initial separating and contouring

für Keramik und Kunststoffverblendungen
- *zum Vorseparieren und Konturieren*



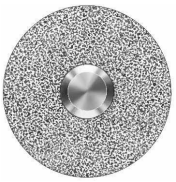
911HPC

B mm			3,0
REF	911HPC		extra fine · extrafein
ISO	L mm 0,15	806.104.317.504…	220

220 = max. 20 000 min⁻¹

Diamond discs
coated on both sides

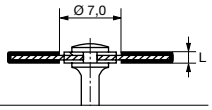
Diamantscheiben (beidseitig belegt)
vorn oder hinten schleifend



Flexible · *flexibel* | coated on both sides · *beidseitig belegt*

for ceramics
- separating and rough contouring

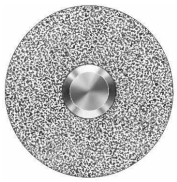
für Keramik
- *zum Trennen und groben Konturieren*



918BF

REF	918BF			fine · fein
ISO	L mm 0,30	806.**104**.345.514…	**180**	**200**	**220**

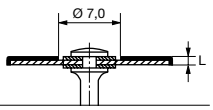
180 = max. 25 000 min⁻¹ 200 = max. 20 000 min⁻¹ 220 = max. 20 000 min⁻¹



Flexible · *flexibel* | coated on the upper side · *vorne belegt*

for ceramics
- separating and rough contouring

für Keramik
- *zum Trennen und groben Konturieren*



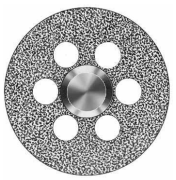
918F

REF	918F		fine · fein
ISO	L mm 0,20	806.**104**.347.514…	**200**

200 = max. 20 000 min⁻¹

Diamond discs
coated on both sides
with round perforations

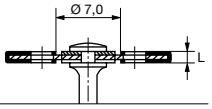
Diamantscheiben
beidseitig belegt
vorn oder hinten schleifend
mit kreisrunden Perforationen



Flexible · *flexibel* | coated on both sides · *beidseitig belegt*

for ceramics
- rough grinding and separating
- contouring

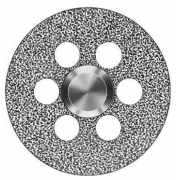
für Keramik
- *zum groben Vorschleifen und Trennen*
- *zum Konturieren*



918PB

REF	918PB		fine · fein
ISO	L mm 0,30	806.**104**.350.524…	**220**

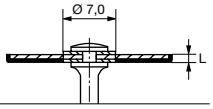
220 = max. 20 000 min⁻¹



Flexible · *flexibel* | coated on the lower side · *hinten belegt*

for ceramics
- initial separating and contouring

für Keramik
- *zum Vorseparieren und Konturieren*



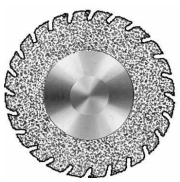
919PF

REF	919PF		fine · fein
ISO	L mm 0,20	806.**104**.351.514…	**220**

220 = max. 20 000 min⁻¹

Diamond discs with serrations
with a special angle for working on ceramics
These serrations assure
- minimal heat generation
- optimal chip removal
- high cutting efficiency

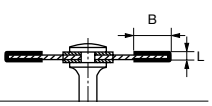
Diamantscheiben mit schräg gezahnten
Ausschnitten zur Bearbeitung von Keramik
Die schräge Verzahnung bewirkt
- *geringe Wärmeentwicklung*
- *bessere Spanabfuhr*
- *höhere Schneidleistung*



Flexible · *flexibel* | coated on both sides · *beidseitig belegt*

for ceramics
- separating

für Keramik
- *zum Separieren*



937F

B mm			5,0	5,0
REF	937F			fine · fein
ISO	L mm 0,25	806.**104**. … .514…		**200**

200 = max. 20 000 min⁻¹

clockwise rotation only · *nur rechtsdrehend einsetzen*

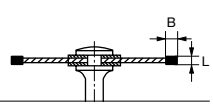
Diamond disc with continuos diamond-
interspersed periphery

Diamantscheibe
mit durchgehendem kreisrunden Umfangsprofil
(Rand durchsetzt)

Flexible · *flexibel* | coated on both sides · *beidseitig belegt*

for ceramics
- initial separating and trimming

für Keramik
- *zum Vorseparieren und Ausarbeiten*



942F

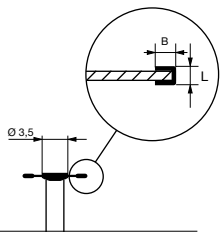
B mm			2,0	2,0	2,0
REF	942F				fine · fein
ISO	L mm 0,17	806.**104**.395.514…	**140**	**200**	**220**

140 = max. 30 000 min⁻¹ 200 = max. 20 000 min⁻¹ 220 = max. 20 000 min⁻¹

Miniature · *Miniatur* — coated on both sides · *beidseitig belegt*

for ceramics
- fine separating,
- shaping in the interdental area

für Keramik
- *zum feinen Separieren,*
- *Gestalten im Interdentalbereich*



943 C

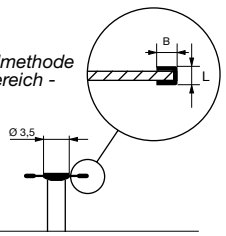
B mm				1,0	1,0
REF	943 C			extra fine · extrafein	
ISO	L mm 0,15	806.**104**.361.504…	065	080	100
	L mm 0,15	806.**204**.361.504…		080	100

065 = max. 40 000 min⁻¹ 080 = max. 35 000 min⁻¹ 100 = max. 30 000 min⁻¹

Miniature · *Miniatur* — coated on both sides · *beidseitig belegt*

Diamond discs for bone-lid method
- Application: Apicectomy in the molar area, osteoplastic surgery of the maxillary sinus

Diamant-Schleifscheiben für die Knochendeckelmethode
- *Einsatz: Wurzelspitzenresektion im Molarenbereich - osteoplastische Kieferhöhlenoperation*



943 CH

B mm				0,5	0,5
REF	943 CH			medium · mittel	
ISO	L mm 0,25	806.**204**.361.524…	065	080	

065 = max. 40 000 min⁻¹ 080 = max. 35 000 min⁻¹

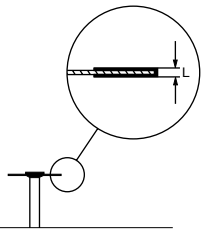
Miniature diamond discs for working on ceramics
- due to the small diameter the risk of exposure of the framework is reduced to a minimum
- for trimming acrylate and veneer work as well as temporary appliances without separating the material

Miniatur-Diamantscheiben zur Bearbeitung von Keramik
- *der kleine Durchmesser reduziert die Gefahr der Freilegung des Gerüstes auf ein Minimum*
- *zum Ausarbeiten von Acrylat- und Verblendarbeiten wie auch von Provisorien ohne die Gefahr der Durchtrennung*

Miniature · *Miniatur* — coated on both sides · *beidseitig belegt*

for ceramics
- fine separating

für Keramik
- *zum feinen Separieren*



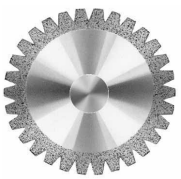
945 B C

REF	945 B C		extra fine · extrafein
ISO	L mm 0,15	806.**104**.362.504…	100

100 = max. 30 000 min⁻¹

Diamond disc with V-shaped serrations for working on materials which tend to smear (acrylics)

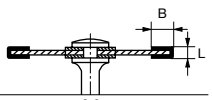
Diamantscheibe mit V-förmigen Ausschnitten zur Bearbeitung von Werkstoffen, die zum Verschmieren neigen (Kunststoffe)



Hyperflexible · *hyperflexibel* — coated on both sides · *beidseitig belegt*

for acrylic veneers
- for separating prefabricated teeth

für Kunststoffverblendungen
- *zum Separieren konfektionierter Zähne*



946 A C

B mm				3,0
REF	946 A C			extra fine · extrafein
ISO	L mm 0,15	806.**104**.324.504…		220

220 = max. 20 000 min⁻¹

REF 946 AC.104.220

Diamond discs with special angle serrations for working on plaster
These serrations assure
- minimal heat generation, optimal chip removal and high cutting efficiency

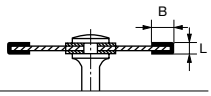
Diamantscheiben mit schräg gezahnten Ausschnitten zur Bearbeitung von Gips
Die schräge Verzahnung bewirkt
- *geringe Wärmeentwicklung, bessere Spanabfuhr und höhere Schneidleistung*

Flexible · *flexibel* — coated on both sides · *beidseitig belegt*

for plaster
- for cutting the individual teeth in stone models
- max. cutting depth 11,5 mm

für Gipse
- *für Sägeschnitte an Zahnkränzen von Sägemodellen*
- *max. Schnitttiefe 11,5 mm*

964 HF
964 HC

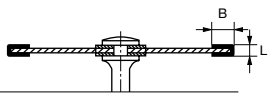


	B mm		3,0	3,0
REF		**964 HF**	fine · fein	
ISO	L mm 0,20	806.**104**.357.514…	**200**	**220**
		964 HC	extra fine · extrafein	
	L mm 0,15	806.**104**.357.504…		**220**

200 = max. 20 000 min⁻¹ 220 = max. 20 000 min⁻¹

clockwise rotation only · *nur rechtsdrehend einsetzen*

964 HF



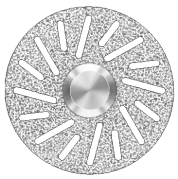
	B mm		3,0
REF		**964 HF**	fine · fein
ISO	L mm 0,30	806.**104**.357.514…	**300**

300 = max. 15 000 min⁻¹

clockwise rotation only · *nur rechtsdrehend einsetzen*

Diamond disc with slots featuring a special angle

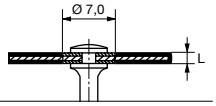
Diamantscheibe mit schräg geschlitzten Perforationen



Flexible · *flexibel* — coated on both sides · *beidseitig belegt*

for ceramics
- rough separating and contouring

für Keramik
- *zum groben Separieren und Konturieren*



982 F

REF		**982 F**	medium · mittel
ISO	L mm 0,25	806.**104**.389.514…	**220**

220 = max. 20 000 min⁻¹

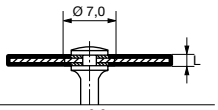
Diamond disc with curved perforations
- for avoiding grinding facets
- good vision
- improved flexibility
- for contouring and separating of ceramic veneers

Diamantscheibe mit bogenförmigen Perforationen
- *Vermeidung von Schleiffacetten*
- *große Durchsicht*
- *verbesserte Flexibilität*
- *zum Konturieren und Separieren von Keramikverblendungen*

Hyperflexible · *hyperflexibel* — coated on both sides · *beidseitig belegt*

for ceramics
- fine separating and contouring

für Keramik
- *zum feinen Separieren und Konturieren*



983 C

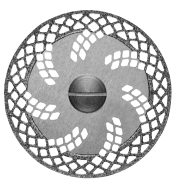
	B mm		2,0
REF		**983 C**	extra fine · extrafein
ISO	L mm 0,10	806.**104**.401.504…	**220**

220 = max. 20 000 min⁻¹

clockwise rotation only · *nur rechtsdrehend einsetzen*

Spiral Reinforced Meshed Disc

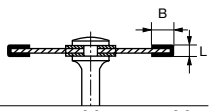
Spiralverstärkte Netzscheibe



Flexible · *flexibel* — coated on both sides · *beidseitig belegt*

for ceramics and plastics
- rough separating and contouring

für Keramik und Kunststoff
- *zum groben Separieren und Konturieren*



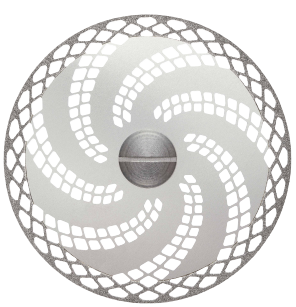
990

	B mm		3,0	3,0
REF		**990**	medium · mittel	
ISO	L mm 0,27	806.**104**. … …	**180**	**220**

180/220 = max. 20 000 min⁻¹

Spiral Reinforced Meshed Disc

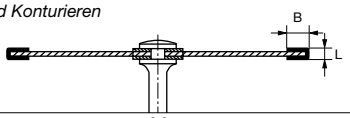
Spiralverstärkte Netzscheibe



Flexible · *flexibel* — coated on both sides · *beidseitig belegt*

for plaster
- rough separating and contouring

für Gips
- *zum groben Separieren und Konturieren*



990

	B mm		3,0
REF		**990**	medium · mittel
ISO	L mm 0,37	806.**104**. … …	**400**

400 = max. 10 000 min⁻¹

Burs | *Bohrer*

Round
Rund 31

Pear
Birne 32

Cylinder round
Zylinder rund 32, 33

Tapered round
Konisch rund 32, 33

Inverted cone
Umgekehrter Kegel 31

Cylinder
Zylinder 32, 33

Tapered
Konisch 32, 33

Cylinder, end cutting only
Zylinder, Stirn schneidend 33

Crown Cutters | *Kronentrenner*

Cylinder round
Zylinder rund 34

Tapered round
Konisch rund 34

Amalgam Remover | *Amalgamentferner*

Cylinder round
Zylinder rund 35

Adhesive Remover | *Klebstoffentferner*

Cylinder round
Zylinder rund 35

Finishing Instruments | *Finierer*

Round
Rund 36

Pear
Birne 36

Pointed
Spitz 36–37

Tapered round
Konisch rund 37

Torpedo tapered
Torpedo konisch 37–38

Bud
Knospe 36

Flame
Flamme 36

Needle-shaped
Nadelform 37

Torpedo
Torpedo 37–38

Egg
Ei 38

Grenade
Granate 38

Surgical Instruments | *Chirurgische Instrumente*

Round
Rund 39–40

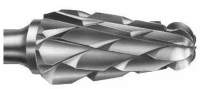
Tapered
Konisch 39

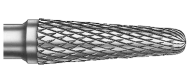
Bone Cutter
Knochenfräser 41

Cylinder
Zylinder 39

Cylinder round
Zylinder rund 39

Tungsten Carbide Cutters | *Hartmetallfräser*





42–54

Auxiliaries | *Zubehör*

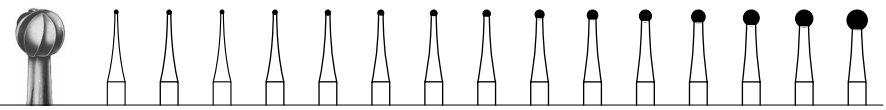
54

Please note that the various instruments within each product group
(e.g. tungsten carbide burs, carbide finishers or surgical instruments)
are sorted by their reference number in ascending order.
For carbide cutters, however, please note that in the first instance they are additionally sorted by their field of application in ascending order
(e.g. AX: Acrylics or CX: Dry Plaster) and then by their reference number in ascending order (e.g. CC71MX, CC72MX, CC73MX, etc.).

*Bitte beachten Sie, dass die Instrumente innerhalb jeder Produktgruppe
(z.B. Hartmetallbohrer, -Finierer oder Chirurgische Instrumente)
aufsteigend nach Referenznummer sortiert sind.
Hartmetallfräser sind zudem übergeordnet nach ihrem Anwendungsgebiet aufsteigend sortiert (z.B. AX: Prothesenkunststoffe oder CX: trockene Gipse).
Darunter erfolgt die Sortierung aufsteigend nach der Referenznummer
(z.B. CC71MX, CC72MX, CC73MX, etc.).*

Burs
Bohrer

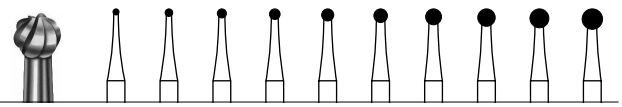
CB 1



US No.				1/4	1/2	-	1	-	2	3	4	5	6	7	8	
REF	**CB 1**															
ISO	500.**104**.001.001…	**003**	**004**	**005**	**006**	**007**	**008**	**009**	**010**	**012**	**014**	**016**	**018**	**021**	**023**	**027**
	500.**204**.001.001…			**005**	**006**	**007**	**008**	**009**	**010**	**012**	**014**	**016**	**018**	**021**	**023**	
	500.**205**.001.001…								**010**		**014**	**016**	**018**		**023**	
	500.**314**.001.001…			**005**	**006**		**008**		**010**	**012**	**014**	**016**	**018**	**021**	**023**	

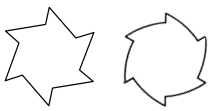
021 = max. 300 000 min^{-1} 023 = max. 300 000 min^{-1}

CB 1 S



REF	**CB 1 S**										
ISO	500.**104**.001.003…		**010**		**014**		**018**		**023**		
	500.**204**.001.003…	**008**	**010**	**012**	**014**	**016**	**018**	**021**	**023**	**025**	**027**
	500.**205**.001.003…		**010**		**014**		**018**		**023**		**027**
	500.**314**.001.003…		**010**	**012**	**014**	**016**	**018**	**021**	**023**		

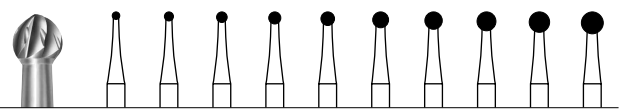
023 = max. 300 000 min^{-1}



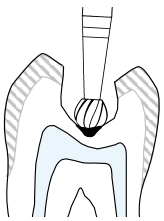
Cross-section of the **CB1S**
Querschnitt **CB1S**

Cross-section of the **CB1SX**
Querschnitt **CB1SX**

CB 1 SX

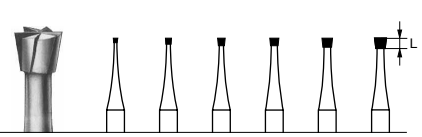


REF	**CB 1 SX**										
ISO	500.**204**.001.xxx…	**010**	**012**	**014**	**016**	**018**	**021**	**023**	**025**	**027**	**029**



Excavating with the CB1S/CB1SX
Exkavieren mit dem CB1S/CB1SX

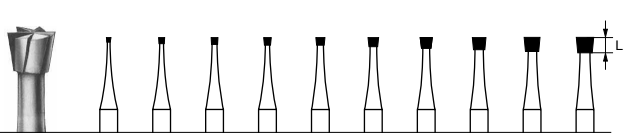
CB 2



L mm		0,5	0,9	1,1	1,2	1,4	1,6
US No.		33 1/2	34	35	36	37	38
REF	**CB 2**						
ISO	500.**204**.010.001…		**008**	**010**	**012**	**014**	**016**
	500.**314**.010.001…	**006**	**008**	**010**	**012**	**014**	**016**

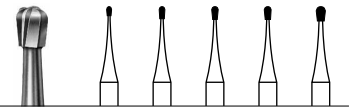
Laboratory
Labor

CB 30



L mm		0,5	0,9	1,0	1,1	1,2	1,4	1,6	1,8	2,1	2,3
US No.		L33 1/2	L34	L34 1/2	L35	L36	L37	L38	L39	-	-
REF	**CB 30**										
ISO	500.**104**.010.175…	**006**	**008**	**009**	**010**	**012**	**014**	**016**	**018**	**021**	**023**

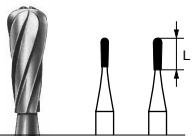
CB 7



L mm		1,2	1,6	1,7	1,7	1,8
US No.		329	330	–	331	332
REF	**CB 7**					
ISO	500.**204**.232.001…		**008**		**010**	
	500.**314**.232.001…	**006**	**008**	**009**	**010**	**012**

NEW

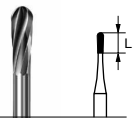
CB 7 L



L mm		3,8	4,2
US No.		331L	332L
REF	**CB 7 L**		
ISO	500.**314**.234.006…	**010**	**012**

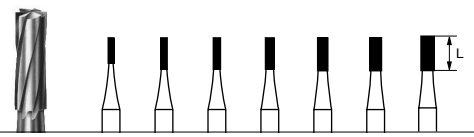
NEW

CB 7 SM



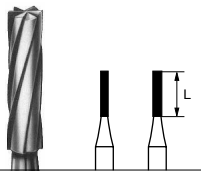
L mm		2,7
REF	**CB 7 SM**	
ISO	500.**314**.xxx. …	**009**

CB 21



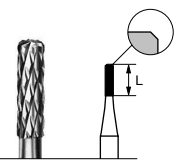
L mm		3,4	4,2	4,2	4,2	4,4	4,4	4,4
US No.		55	56	57	58	59		
REF	**CB 21**							
ISO	500.**104**.107.006…	**008**	**009**	**010**	**012**	**014**	**016**	**018**
	500.**204**.107.006…			**010**	**012**			
	500.**314**.107.006…	**008**	**009**	**010**	**012**			

CB 21 L



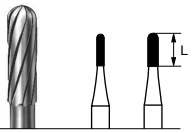
L mm		6,0	
US No.		57L	58L
REF	**CB 21 L**		
ISO	500.**104**.110.006…	**010**	
	500.**314**.110.006…	**010**	**012**

CB 21 MX



L mm		4,2
US No.		558E
REF	**CB 21**	
ISO	500.**104**.107.019…	**012**
	500.**314**.107.019…	**012**

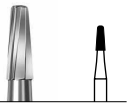
CB 21 R



L mm		4,2	4,2
US No.		1157	1159
REF	**CB 21 R**		
ISO	500.**104**.137.006…	**010**	**014**
	500.**314**.137.006…	**010**	**014**

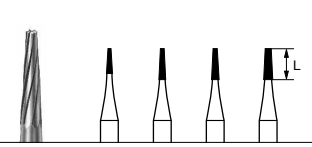
NEW

CB 26 M



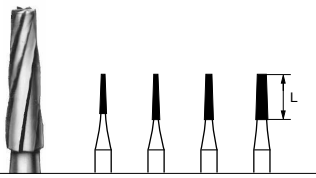
L mm		3,2
REF	**CB 26 M**	
ISO	500.**314**.xxx. …	**012**

CB 23



L mm		3,4	4,2	4,2	4,2
US No.		168	169	170	171
REF	**CB 23**				
ISO	500.**104**.168.006…	**008**		**010**	**012**
	500.**314**.168.006…		**009**	**010**	**012**

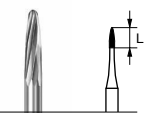
CB 23 L



L mm		5,2	6,0	6,0	6,0
US No.		169L	170L	171L	172L
REF	**CB 23 L**				
ISO	500.**104**.171.006…	**009**	**010**	**012**	
	500.**314**.171.006…	**009**	**010**	**012**	**016**

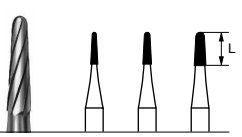
NEW

CB 249 M



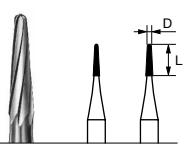
L mm		2,7
REF	**CB 249 M**	
ISO	500.**314**.xxx. …	**007**

CB 23 R



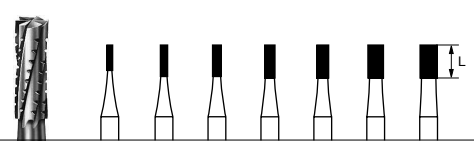
L mm		4,2	4,2	4,4
US No.		1170	1171	1172
REF	**CB 23 R**			
ISO	500.**104**.194.006…	**010**	**012**	**016**
	500.**204**.194.006…	**010**	**012**	**016**
	500.**314**.194.006…	**010**	**012**	**016**

CB 23 RS



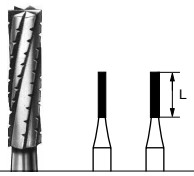
L mm		4,2	4,2
US No.		1169S	1170S
REF	**CB 23 RS**		
ISO	500.**104**.196.006…	**009**	**010**

CB 31



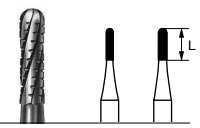
L mm		3,4	4,2	4,2	4,4	4,4		
US No.		555	557	558	559	560		
REF	**CB 31**							
ISO	500.**104**.107.007…	**008**	**010**	**012**	**014**	**016**	**021**	**023**
	500.**204**.107.007…		**010**	**012**				
	500.**314**.107.007…	**008**	**010**	**012**	**014**			

CB 31 L



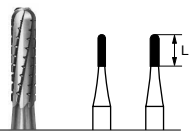
L mm		6,0	6,0
US No.		557 L	558 L
REF	**CB 31 L**		
ISO	500.**104**.110.007…	**010**	**012**
	500.**314**.110.007…	**010**	**012**

CB 31 R



L mm		4,2	4,2
US No.		1557	1558
REF	**CB 31 R**		
ISO	500.**104**.137.007…	**010**	
	500.**314**.137.007…	**010**	**012**

CB 31 RS

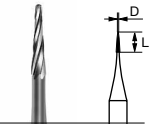


L mm		4,2	4,2
REF	**CB 31 RS**		
ISO	500.**314**.137.292…	**010**	**012**

NEW

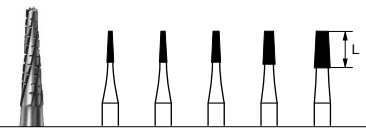
Laboratory
Labor

CB 349



L mm		2,7
REF	**CB 349**	
ISO	500.**104**.xxx. …	**005**

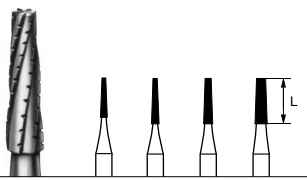
CB 33



L mm		4,2	4,2	4,2	4,4	4,8
US No.		699	700	701	702	703
REF	**CB 33**					
ISO	500.**204**.168.007…		**010**	**012**	**016**	
	500.**314**.168.007…	**009**	**010**	**012**	**016**	**021**

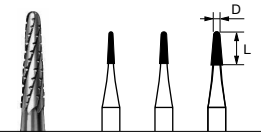
021 = max. 300 000 min⁻¹

CB 33 L



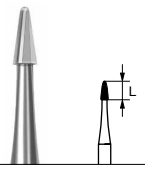
L mm		5,2	6,0	6,0	6,0
US No.		699 L	700 L	701 L	702 L
REF	**CB 33 L**				
ISO	500.**104**.171.007…	**009**	**010**	**012**	**016**
	500.**314**.171.007…	**009**	**010**	**012**	

CB 33 R



L mm		4,2	4,2	4,4
US No.		1700	1701	1702
REF	**CB 33 R**			
ISO	500.**104**.194.007…	**010**	**012**	
	500.**314**.194.007…		**012**	**016**

CB 59

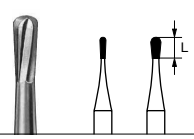


L mm		2,5
REF	**CB 59**	
ISO	500.**313**.xxx. …	**010**
	CB 59	
	500.**314**.xxx. …	**010**

CB 207

US No.		957
REF	**CB 207**	
ISO	500.**314**.150.001…	**010**

CB 245



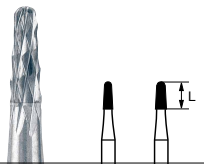
L mm		2,8	2,8
US No.		245	
REF	**CB 245**		
ISO	500.**314**.233.006…	**008**	**014**

Crown Cutter
Kronentrenner

The All-Rounder · *Das Multitalent*

Multifunctional

CB 5 TR



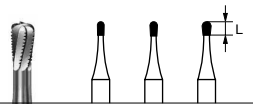
L mm	4,2	4,2

REF ■ **CB 5 TR**
ISO 500.**314**.194.xxx… **012** **014**

low fusion ceramic veneers and all conventional metal alloys
niedrigschmelzende Keramikverblendungen und alle gängigen Metall-Legierungen

Classic

CB 17



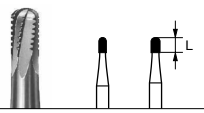
L mm	2,2	2,6	3,0

REF ■ **CB 17**
ISO 500.**314**.237.293… **009** **010** **012**

gold-colored instruments
goldfarbene Instrumente

Turbo

CB 34



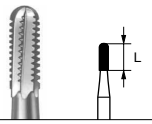
L mm	2,0	2,0

REF ■■**CB 34**
ISO 500.**314**.138.293… **010** **012**

gold-colored instruments
goldfarbene Instrumente

Turbo-L

CB 34 L



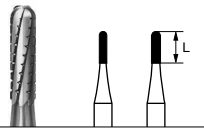
L mm	3,5

REF ■■**CB 34 L**
ISO 500.**314**.139.293… **012**

gold-colored instruments
goldfarbene Instrumente

Economic

CB 35 C



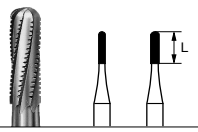
L mm	4,2	4,2

REF **CB 35 C**
ISO 500.**314**. … . … … **010** **012**

gold-colored instruments
goldfarbene Instrumente

Multifunctional

CB 37 R



L mm	4,2	4,2

REF **CB 37 R**
ISO 500.**314**.137.293… **010** **012**

gold-colored instruments
goldfarbene Instrumente

Disposable Crown Cutter

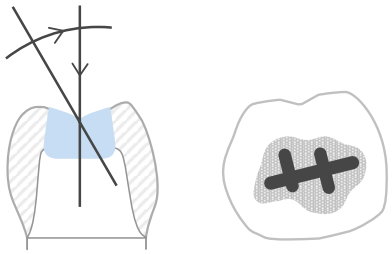
Kronentrenner für Einmalgebrauch

100461

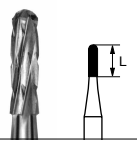
Contents · *Inhalt*

REF		CB31RS
ISO	500.**314**	137.292
		012
		100

Amalgam Remover
Amalgamentferner



CB 21 R MX



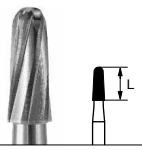
L mm	4,2
US No.	1158

REF CB 21 R MX
ISO 500.**314**.137.006… **012**

gold-colored instruments
goldfarbene Instrumente

Adhesive Remover
Klebstoffentferner

CB 27

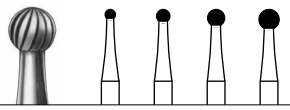


L mm	4,7

REF CB 27
ISO 500.**204**.194.xxx… **016**

Finishing Instruments
Finierer

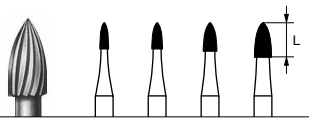
CF 41



US No.		7004	7006	7008	7009
REF	CF 41				
ISO	500.**204**.001.071…	**014**	**018**	**023**	**027**
	500.**314**.001.071…	**014**	**018**	**023**	

023 = max. 300 000 min⁻¹

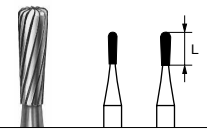
CF 46



L mm		3,5	3,5	3,8	4,6
US No.		7102	7104	7106	7108
REF	CF 46				
ISO	500.**204**.254.072…			**018**	
	500.**314**.254.072…	**012**	**014**	**018**	**023**

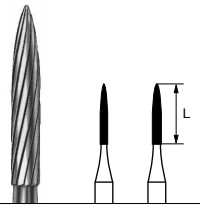
023 = max. 300 000 min⁻¹

CF 47 L



L mm		4,2	4,4
US No.		7303	7304
REF	CF 47 L		
ISO	500.**314**.234.072…	**012**	**014**

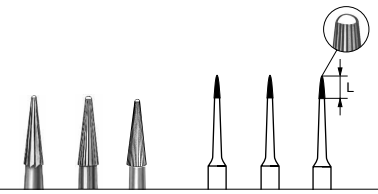
CF 48 L



L mm		8,0	8,0
REF	CF 48 L		
ISO	500.**314**.249.072…	**010**	**012**

= max. 300 000 min⁻¹

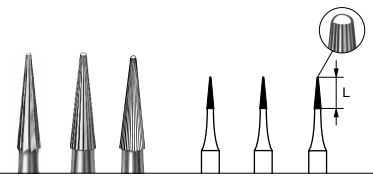
CF 132
CF 132 F
CF 132 UF



L mm		3,0	3,0	3,0
Blades · Schneiden		8	16	30
REF	CF 132			
ISO	500.**314**.699.071…	**008**		
	CF 132 F fine · fein			
	500.**314**.699.041…		**008**	
	CF 132 UF ultra-fine · ultrafein			
	500.**314**.699.031…			**008**

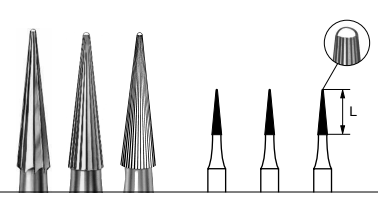
008 = max. 300 000 min⁻¹

CF 133
CF 133 F
CF 133 UF



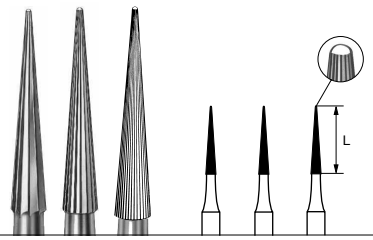
L mm		4,2	4,2	4,2
Blades · Schneiden		8	16	30
REF	CF 133			
ISO	500.**314**.159.071…	**010**		
	CF 133 F fine · fein			
	500.**314**.159.041…		**010**	
	CF 133 UF ultra-fine · ultrafein			
	500.**314**.159.031…			**010**

CF 134
CF 134 F
CF 134 UF



L mm		6,0	6,0	6,0
Blades · Schneiden		8	16	30
REF	CF 134			
ISO	500.**314**.164.071…	**014**		
	CF 134 F fine · fein			
	500.**314**.164.041…		**014**	
	CF 134 UF ultra-fine · ultrafein			
	500.**314**.164.031…			**014**

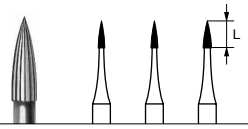
CF 135
CF 135 F
CF 135 UF



L mm		9,0	9,0	9,0
Blades · Schneiden		8	16	30
REF	CF 135			
ISO	500.**314**.166.071…	**014**		
	CF 135 F fine · fein			
	500.**314**.166.041…		**014**	
	CF 135 UF ultra-fine · ultrafein			
	500.**314**.166.031…			**014**

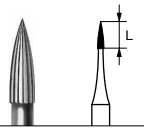
max. 300 000 min⁻¹

CF 246



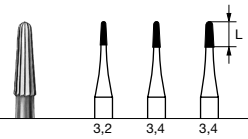
L mm		3,6	3,6	3,6
US No.		7901	7902	7903
REF	**CF 246**			
ISO	500.**314**.496.071…	**009**	**010**	**012**

CF 246 UF



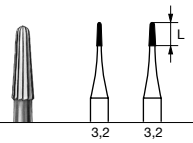
L mm		3,6		
REF	**CF 246 UF**	ultra-fine · ultrafein		
ISO	500.**314**.496.031…	**009**		

CF 247



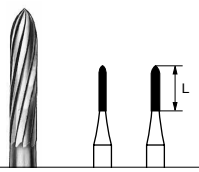
L mm		3,2	3,4	3,4
US No.		7801	7802	7803
REF	**CF 247**			
ISO	500.**314**.195.071…	**009**	**010**	**012**

CF 247 F



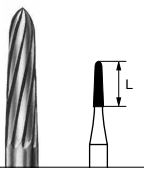
L mm		3,2	3,2	
REF	**CF 247 F**	fine · fein		
ISO	500.**314**.195.041…	**007**	**009**	

CF 282



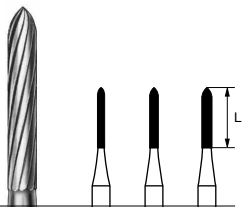
L mm		6,0	6,0
REF	**CF 282**		
ISO	500.**314**.288.072…	**010**	**012**

CF 282 K



L mm		6,0
REF	**CF 282 K**	
ISO	500.**204**.297.072…	**014**
	500.**314**.297.072…	**014**

CF 283



L mm		8,0	8,0	8,0
REF	**CF 283**			
ISO	500.**204**.289.072…			**012**
	500.**314**.289.072…	**010**	**012**	**014**

010–014 = max. 300 000 min^{-1}

CF 283 K

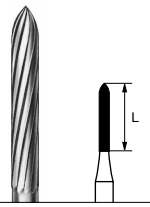
L mm		8,0
REF	**CF 283 K**	
ISO	500.**204**.298.072…	**016**
	500.**314**.298.072…	**016**

CF 283 MX

L mm		8,0
REF	**CF 283 MX**	
ISO	500.**104**.289.080…	**012**
ISO	500.**314**.289.080…	**012**

012 = max. 300 000 min^{-1}

CF 284

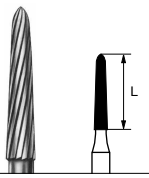


L mm	10,0

REF	CF 284
ISO	500.**314**.290.072… **014**

014 = max. 300 000 min⁻¹

CF 284 K

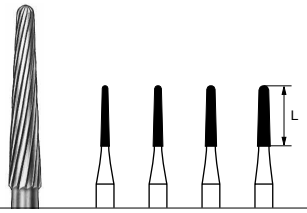


L mm	10,0

REF	CF 284 K
ISO	500.**314**.299.072… **018**

018 = max. 300 000 min⁻¹

CF 375 R

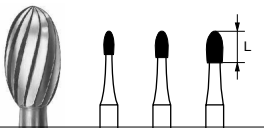


L mm	8,0	8,0	8,0	8,0
US No.	7653	7664	7675	7686

REF	CF 375 R				
ISO	500.**314**.198.072…	**012**	**014**	**016**	**018**

012–014 = max. 300 000 min⁻¹

CF 379

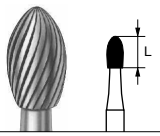


L mm	3,1	3,5	4,2
US No.	7404	7406	7408

REF	CF 379			
ISO	500.**204**.277.072…		**018**	**023**
	500.**314**.277.072…	**014**	**018**	**023**

023 = max. 300 000 min⁻¹

CF 379 F

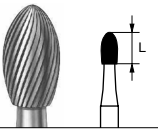


L mm	4,2

REF	CF 379 F	fine · fein
ISO	500.**314**.277.042… **023**	

023 = max. 300 000 min⁻¹

CF 379 UF

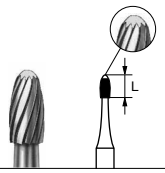


L mm	4,2

REF	CF 379 UF	ultra-fine · ultrafein
ISO	500.**314**.277.032… **023**	

023 = max. 300 000 min⁻¹

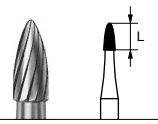
CF 379 GK



L mm	3,1

REF	CF 379 GK
ISO	500.**314**.279.072… **014**

CF 390

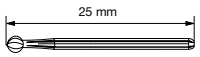


L mm	3,5

REF	CF 390
ISO	500.**104**.274.072… **016**
	500.**204**.274.072… **016**
	500.**314**.274.072… **016**

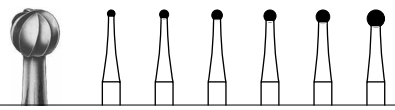
Surgical Instruments
Chirurgische Instrumente

316 · FG extra-long · *FG extra lang*



Ø 1,60 mm

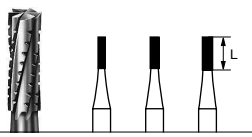
CB 1



US No.				1/4	1/2	-	-
REF	**CB 1**						
ISO	500.**316**.001.001…	**010**	**012**	**014**	**016**	**018**	**023**

010–023 = max. 100 000 min⁻¹

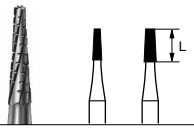
CB 31



L mm				4,2	4,2	4,4
US No.				557	558	559
REF	**CB 31**					
ISO	500.**316**.107.007…	**010**	**012**	**014**		

010–014 = max. 300 000 min⁻¹

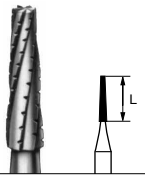
CB 33



L mm			4,2	4,4
US No.			701	702
REF	**CB 33**			
ISO	500.**316**.168.007…	**012**	**016**	

012–016 = max. 300 000 min⁻¹

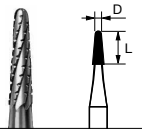
CB 33 L



L mm		6,0
US No.		700xL
REF	**CB 33 L**	
ISO	500.**316**.171.007…	**010**

010 = max. 300 000 min⁻¹

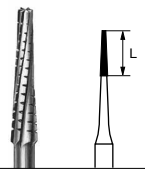
CB 33 R



L mm		4,2
US No.		1702
REF	**CB 33 R**	
ISO	500.**316**.194.007…	**016**

016 = max. 300 000 min⁻¹

CB 254

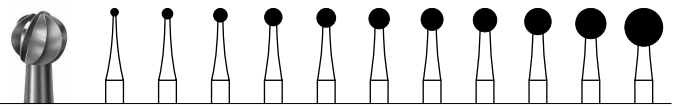


L mm		6,0
US No.		700xxL
REF	**CB 254**	
ISO	500.**314**.415.296…	**010**
	500.**316**.415.296…	**010**

010 = max. 80 000 min⁻¹

Surgical Instruments
Chirurgische Instrumente

CB 141



REF	CB 141											
ISO	500.**104**.001.291…	**010**	**014**	**018**	**023**	**025**	**027**	**029**	**031**	**035**	**040**	**050**
	500.**105**.001.291…				**023**		**027**		**031**			**050**
	500.**205**.001.291…	**010**	**014**	**018**	**023**	**025**	**027**	**029**	**031**	**035**	**040**	
	500.**206**.001.291…	**010**	**014**	**018**	**023**	**025**	**027**	**029**				

↻ max. 100 000 min⁻¹ 040 = ↻ max. 80 000 min⁻¹ 050 = ↻ max. 60 000 min⁻¹

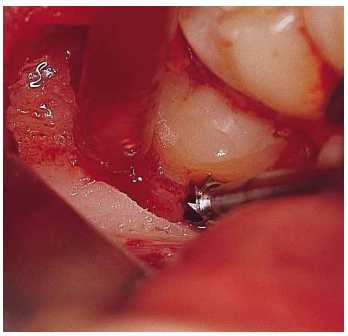
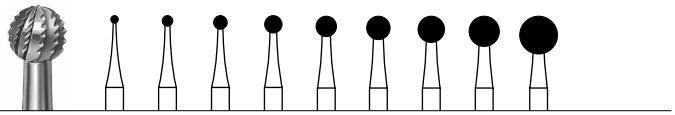


Photo: Dr. Fürstenau, Detmold, Germany

CB 141 A



REF	CB 141 A									
ISO	500.**104**.001.298…	**010**	**014**	**018**	**023**	**027**	**031**	**035**	**040**	**050**
	500.**205**.001.298…	**010**	**014**	**018**	**023**	**027**	**031**	**035**	**040**	
	500.**206**.001.298…	**010**	**014**	**018**	**023**	**027**	**031**			

↻ max. 100 000 min⁻¹ 040 = ↻ max. 80 000 min⁻¹ 050 = ↻ max. 60 000 min⁻¹

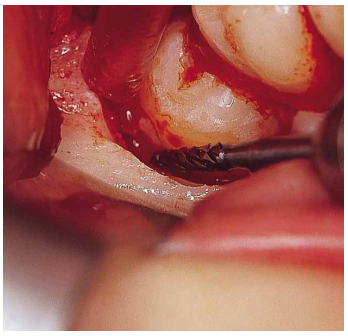
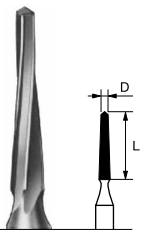


Photo: Dr. Fürstenau, Detmold, Germany

Bone Cutters
Knochenfräser

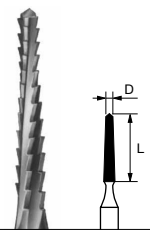


CB 161

L mm	9,0
D Ø	011

REF	CB 161	
ISO	500.**104**.408.295…	**016**
	500.**314**.408.295…	**016**

max. 100 000 min⁻¹ 016 = max. 160 000 min⁻¹

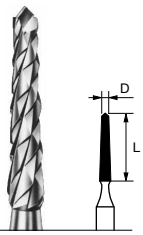


CB 162

L mm	9,0
D Ø	011

REF	CB 162	
ISO	500.**104**.408.297…	**016**
	500.**204**.408.297…	**016**
	500.**205**.408.297…	**016**
	500.**314**.408.297…	**016**

max. 100 000 min⁻¹ 016 = max. 160 000 min⁻¹

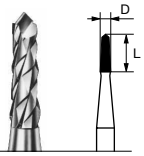


CB 162 A

L mm	9,0
D Ø	011

REF	CB 162 A	
ISO	500.**104**.408.298…	**016**
	500.**204**.408.298…	**016**
	500.**205**.408.298…	**016**
	500.**314**.408.298…	**016**

max. 100 000 min⁻¹
016 = max. 160 000 min⁻¹

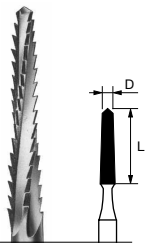


CB 163 A

L mm	5,0
D Ø	009

REF	CB 163 A	
ISO	500.**104**.408.298…	**014**
	500.**204**.408.298…	**014**

max. 100 000 min⁻¹

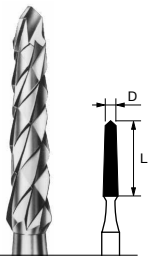


CB 166

L mm	10,0
D Ø	015

REF	CB 166	
ISO	500.**104**.409.297…	**021**
	500.**204**.409.297…	**021**
	500.**205**.409.297…	**021**

max. 100 000 min⁻¹

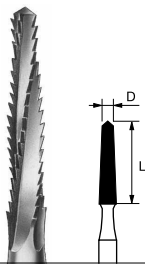


CB 166 A

L mm	10,0
D Ø	015

REF	CB 166 A	
ISO	500.**104**.409.298…	**021**
	500.**204**.409.298…	**021**
	500.**205**.409.298…	**021**

max. 100 000 min⁻¹

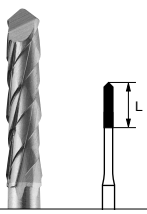


CB 167

L mm	11,0
D Ø	016

REF	CB 167	
ISO	500.**104**.410.297…	**023**

max. 100 000 min⁻¹



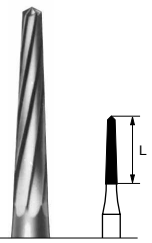
CB 255 A

L mm	6,0

REF	CB 255 A	
ISO	500.**314**.415.298…	**012**
	500.**316**.415.298…	**012**

max. 100 000 min⁻¹

CB 255 A

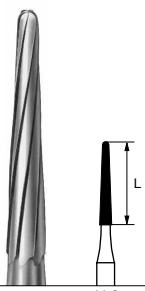


CB 267

L mm	11,0

REF	CB 267	
ISO	500.**314**.210.295…	**016**

max. 160 000 min⁻¹

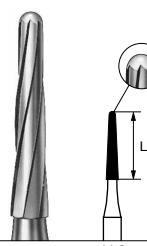


CB 269

L mm	11,0

REF	CB 269	
ISO	500.**314**.199.295…	**016**

max. 160 000 min⁻¹

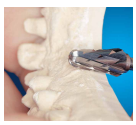
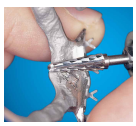


CB 269 GK

L mm	11,0

REF	CB 269 GK	
ISO	500.**314**.219.295…	**016**

max. 160 000 min⁻¹

Application types *Anwendungsart*	Speed (min⁻¹) *Drehzahl (min⁻¹)*	Toothing types *Verzahnungsarten*
 **Veneer acrylics** *Prothesenkunststoffe*	opt. 15000	 **Conventional** Trimming · *Ausarbeiten* **Page** · *Seite* **43, 44** **AX**
 **Dry plaster / Model plaster** *Trockene Gipse / Modelle*	opt. 10000	 **CX** **Page** · *Seite* **44** Bulk reduction *Grober Abtrag*
 **Wet plaster / Model plaster** *Feuchte Gipse / Modelle*	opt. 10000	 **SCX/A** **Page** · *Seite* **44** Bulk reduction *Grober Abtrag*
 **Precious metals / Non-precious metal alloys** *Edelmetalle / NEM*	opt. 12000* – 25000*	 **DX** **Page** · *Seite* **45** Roughening *Aufrauen*
 **Non-precious metal alloys / Precious metals / Model cast / Veneer acrylics** *NEM- / Edelmetall- / Modellguss-Legierungen / Verblendkunststoffe*	opt. 15000* – 25000*	 **FX** **Page** · *Seite* **46, 47** Corrections · smoothing *Korrekturen · Glätten*
 **Non-precious metal alloys / Precious metals / Model cast / Veneer acrylics** *NEM- / Edelmetall- / Modellguss-Legierungen / Verblendkunststoffe*	opt. 15000* – 25000*	 **MX** **Page** · *Seite* **48, 49** Trimming · smoothing *Ausarbeiten · Glätten*
 **Soft relinings / Denture acrylics / Non-precious metal alloys / Precious metal alloys / Model cast alloys / Veneer acrylics** *Weichbleibende Unterfütterungen / Prothesenkunststoffe / NEM- / Edelmetall- / Modellguss-Legierungen / Verblendkunststoffe*	opt. 15000*	 **QFX** **Page** · *Seite* **50** Trimming · contouring *Ausarbeiten · Konturieren*
 **Soft acrylics / Temporary appliances** *Softkunststoffe / Provisorien*	opt. 15000	 **QX** **Page** · *Seite* **51** Trimming · smoothing *Ausarbeiten · Glätten*
 **Hard non-precious metal alloys** *Harte NEM-Legierungen*	opt. 15000	 **TX** **Page** · *Seite* **52** Trimming · contouring *Ausarbeiten · Konturieren*
 **Non-precious metal alloys / Precious metals / Model cast / Veneer acrylics / Soft ceramics** *NEM- / Edelmetall- / Modellguss-Legierungen / Verblendkunststoffe / Softkeramik*	opt. 15000* – 25000*	 **VFX** **Page** · *Seite* **53, 54** Trimming · smoothing *Ausarbeiten · Glätten*

15000* = non-precious metal alloys · *NEM-Legierungen*
25000* = precious metal alloys · *Edelmetall-Legierungen*

Conventional Cutters
Normalverzahnung

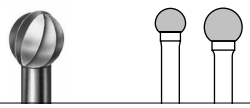
Veneer acrylics
Prothesenkunststoffe

Conventional

Trimming
Ausarbeiten

→ **CB 1**

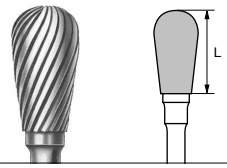
CC 71



REF	CC 71		
ISO	500.**104**.001.175…	**040**	**050**

040 = max. 100 000 min⁻¹
050 = max. 80 000 min⁻¹

CC 77

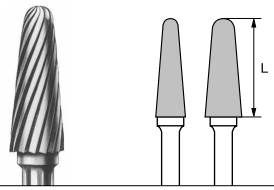


L mm 11,0

REF	CC 77	
ISO	500.**104**.237.175…	**060**

060 = max. 50 000 min⁻¹

CC 79

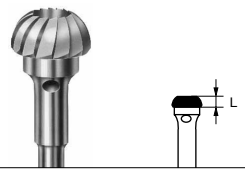


L mm 13,0 13,0

REF	CC 79		
ISO	500.**104**.194.175…	**040**	**050**

040 = max. 100 000 min⁻¹
050 = max. 80 000 min⁻¹

CC 98

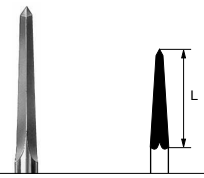


L mm 1,6

REF	CC 98	
ISO	500.**104**.547.211…	**040**

060 = max. 100 000 min⁻¹

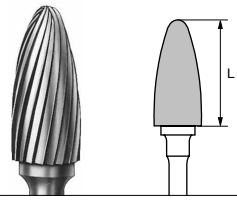
CC 219



L mm 13,0

REF	CC 219	
ISO	500.**104**.468.211…	**023**

CC 251

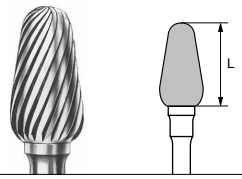


L mm 14,0

REF	CC 251	
ISO	500.**104**.274.175…	**060**

060 = max. 50 000 min⁻¹

CC 351



L mm 11,0

REF	CC 351	
ISO	500.**104**.263.175…	**060**

060 = max. 50 000 min⁻¹

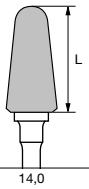
AX Cutters
AX Verzahnung

Veneer acrylics
Prothesenkunststoffe

opt. 15,000 rpm

AX

Trimming
Ausarbeiten

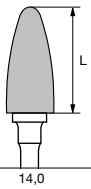


CC 79 AX

L mm 14,0

REF	CC 79 AX	
ISO	500.**104**.000.000…	**070**

max. 50 000 min⁻¹



CC 251 AX

L mm 14,0

REF	CC 251 AX	
ISO	500.**104**.274.xxx…	**060**

max. 50 000 min⁻¹

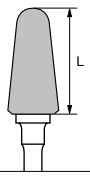
CX/SCX Cutters
CX/SCX Verzahnung

Dry plaster
Model plaster
Trockene Gipse
Modelle

opt. 10,000 rpm

CX

Bulk reduction
Grober Abtrag

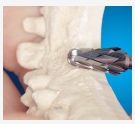


CC 79 CX

L mm 14,0

REF	CC 79 CX	
ISO	500.**104**.194.220…	**070**

max. 30 000 min⁻¹

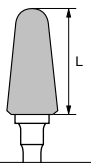


Wet plaster
Model plaster
Feuchte Gipse
Modelle

opt. 10,000 rpm

SCX

Bulk reduction
Grober Abtrag

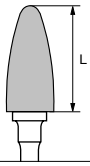


CC 79 SCX

L mm 14,0

REF	CC 79 SCX	
ISO	500.**104**.194.223…	**070**

max. 30 000 min⁻¹

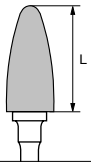


CC 251 CX

L mm 14,0

REF	CC 251 CX	
ISO	500.**104**.274.220…	**060**

max. 50 000 min⁻¹



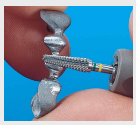
CC 251 SCXA

L mm 14,0

REF	CC 251 SCXA	
ISO	500.**104**.274.225…	**060**

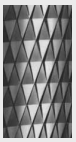
max. 50 000 min⁻¹

DX Cutters
DX Verzahnung



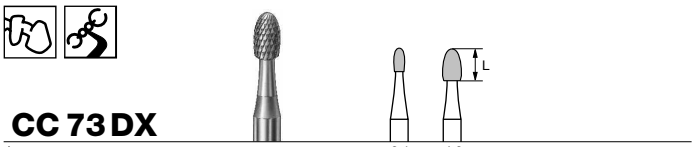
Precious metals / Non-precious metal alloys
Edelmetalle / NEM

opt. 15,000 rpm – 25,000 rpm



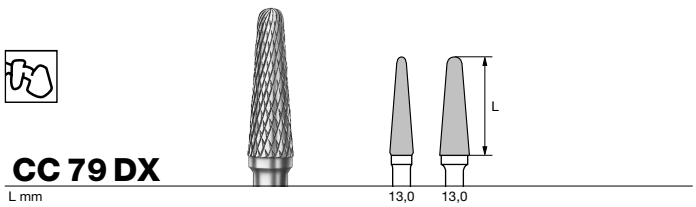
DX

Roghening
Aufrauen



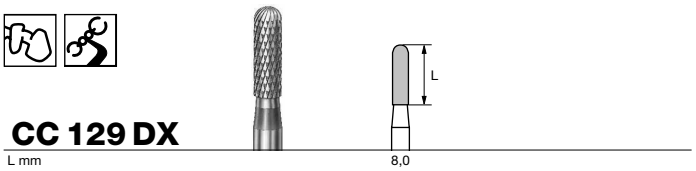
CC 73 DX

REF	CC 73 DX		
ISO	500.**104**.277.141…	**014**	**023**



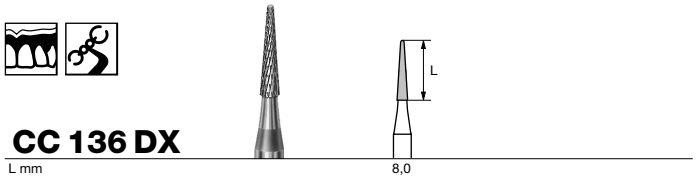
CC 79 DX

REF	CC 79 DX		
ISO	500.**104**.194.141…	**031**	**040**



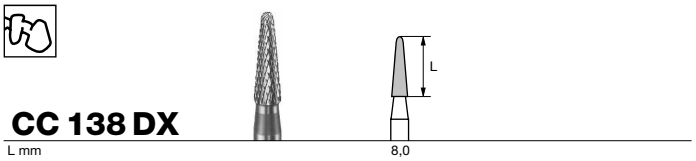
CC 129 DX

REF	CC 129 DX	
ISO	500.**104**.141.141…	**023**



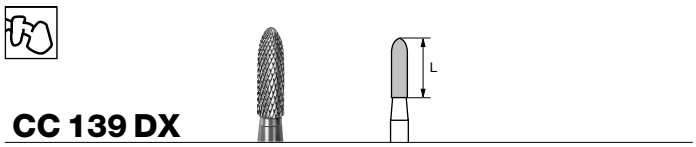
CC 136 DX

REF	CC 136 DX	
ISO	500.**104**.184.141…	**016**



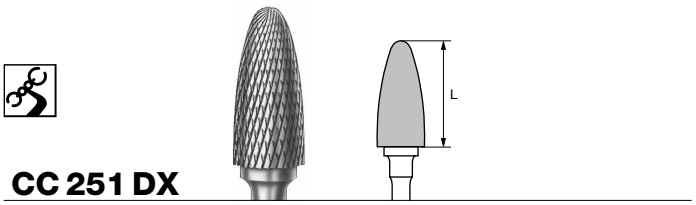
CC 138 DX

REF	CC 138 DX	
ISO	500.**104**.198.141…	**023**



CC 139 DX

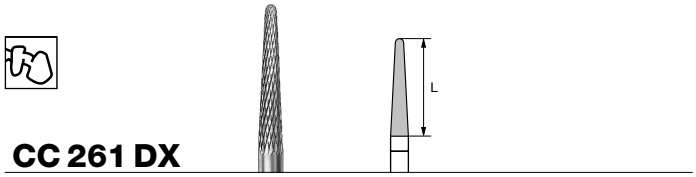
REF	CC 139 DX	
ISO	500.**104**.289.141…	**023**



CC 251 DX

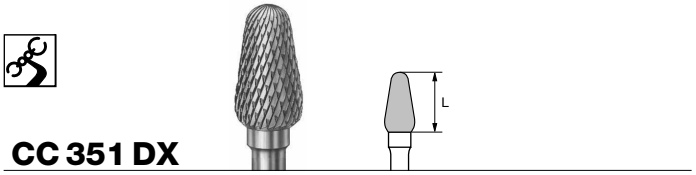
REF	CC 251 DX	
ISO	500.**104**.274.141…	**060**

max. 50 000 min^{-1}



CC 261 DX

REF	CC 261 DX	
ISO	500.**104**.194.141…	**023**



CC 351 DX

REF	CC 351 DX	
ISO	500.**104**.263.141…	**040**

FX Cutters
FX Verzahnung

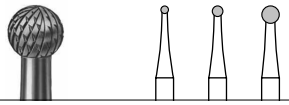
Non-precious metal alloys / Precious metals / Model cast / Veneer acrylics
NEM- / Edelmetall- / Modellguss-Legierungen / Verblendkunststoffe

opt. 15,000 rpm – 25,000 rpm

FX

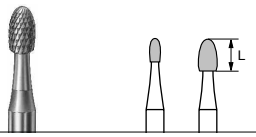
Corrections · smoothing
Korrekturen · Glätten

CC 71 FX



REF	ISO			
CC 71 FX	500.**104**.001.140…	**010**	**014**	**023**

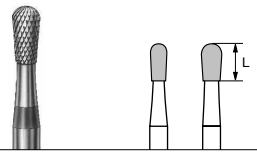
CC 73 FX



L mm	3,1	4,2

REF	ISO		
CC 73 FX	500.**104**.277.140…	**014**	**023**

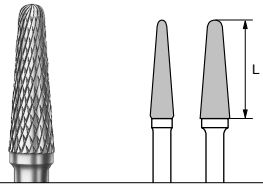
CC 77 FX



L mm	5,0	5,0

REF	ISO		
CC 77 FX	500.**104**.237.140…	**023**	**029**

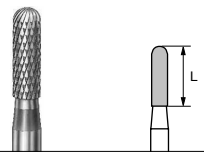
CC 79 FX



L mm	13,0	13,0

REF	ISO		
CC 79 FX	500.**104**.194.140…	**031**	**040**

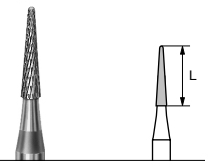
CC 129 FX



L mm	8,0

REF	ISO	
CC 129 FX	500.**104**.141.140…	**023**

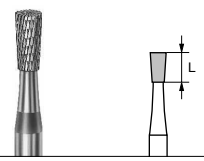
CC 136 FX



L mm	8,0

REF	ISO	
CC 136 FX	500.**104**.184.140…	**016**

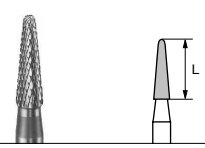
CC 137 FX



L mm	5,0

REF	ISO	
CC 137 FX	500.**104**.225.140…	**023**

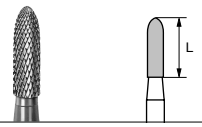
CC 138 FX



L mm	8,0

REF	ISO	
CC 138 FX	500.**104**.198.140…	**023**

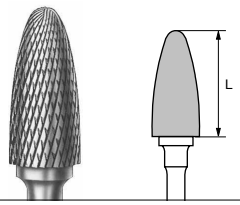
CC 139 FX



L mm 8,0

REF	CC 139 FX	
ISO	500.**104**.289.140…	**023**

CC 251 FX

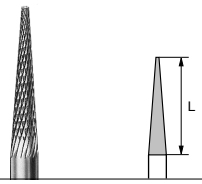


L mm 14,0

REF	CC 251 FX	
ISO	500.**104**.274.140…	**060**

max. 50 000 min^{-1}

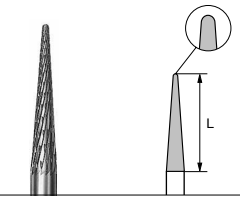
CC 257 FX



L mm 13,0

REF	CC 257 FX	
ISO	500.**104**.187.140…	**023**

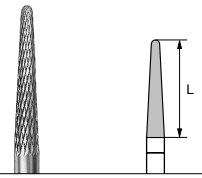
CC 257 R FX



L mm 13,0

REF	CC 257 R FX	
ISO	500.**104**.201.140…	**023**

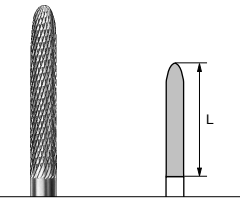
CC 261 FX



L mm 13,0

REF	CC 261 FX	
ISO	500.**104**.194.140…	**023**

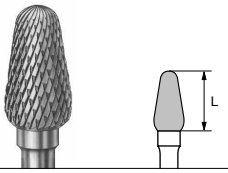
CC 295 FX



L mm 15,0

REF	CC 295 FX	
ISO	500.**104**.292.140…	**023**

CC 351 FX

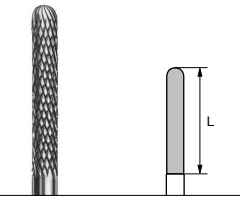


L mm 8,0

REF	CC 351 FX	
ISO	500.**104**.263.140…	**040**

max. 50 000 min^{-1}

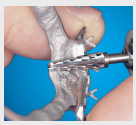
CC 364 R FX



L mm 14,0

REF	CC 364 RFX	
ISO	500.**104**.137.140…	**023**

MX Cutters
MX Verzahnung

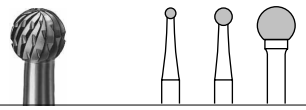


Non-precious metal alloys / Precious metals / Model cast / Veneer acrylics
NEM- / Edelmetall- / Modellguss-Legierungen / Verblendkunststoffe

opt. 15,000 rpm – 25,000 rpm

MX
Trimming · smoothing
Ausarbeiten · Glätten

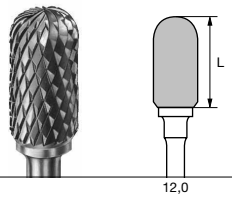
CC 71 MX



REF	CC 71 MX				
ISO	500.**104**.001.190…	**014**	**023**	**050**	

050 = max. 80 000 min⁻¹

CC 72 MX

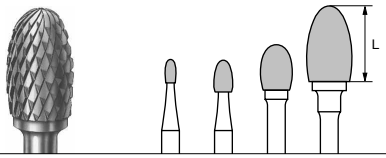


L mm	12,0

REF	CC 72 MX	
ISO	500.**104**.137.190…	**060**

max. 50 000 min⁻¹

CC 73 MX

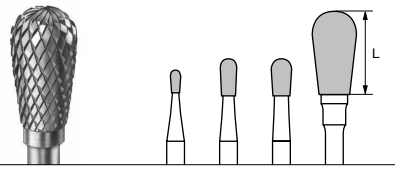


L mm	3,1	4,2	6,0	10,0

REF	CC 73 MX				
ISO	500.**104**.277.190…	**014**	**023**	**040**	**060**

060 = max. 50 000 min⁻¹

CC 77 MX

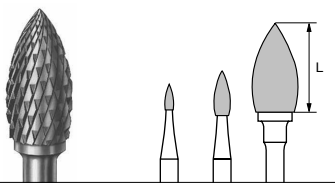


L mm	2,9	5,0	5,0	11,0

REF	CC 77 MX				
ISO	500.**104**.237.190…	**014**	**023**	**029**	**060**

060 = max. 50 000 min⁻¹

CC 78 MX

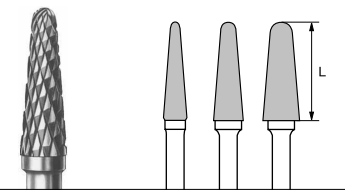


L mm	3,5	6,0	12,0

REF	CC 78 MX			
ISO	500.**104**.000.000…	**012**	**023**	**060**

060 = max. 50 000 min⁻¹

CC 79 MX

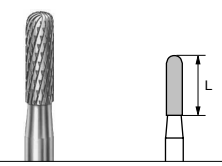


L mm	13,0	13,0	13,0

REF	CC 79 MX			
ISO	500.**104**.194.190…	**031**	**040**	**050**

050 = max. 80 000 min⁻¹

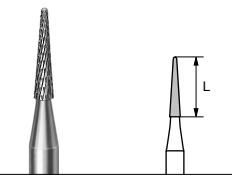
CC 129 MX



L mm	8,0

REF	CC 129 MX	
ISO	500.**104**.141.190…	**023**

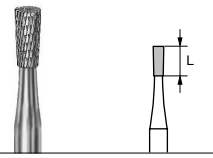
CC 136 MX



L mm	8,0

REF	CC 136 MX	
ISO	500.**104**.184.190…	**016**

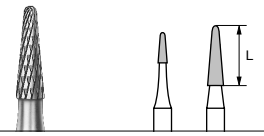
CC 137 MX



L mm 4,0

REF	CC 137 MX	
ISO	500.**104**.225.190…	**016**

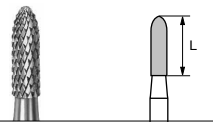
CC 138 MX



L mm 4,0 8,0

REF	CC 138 MX	
ISO	500.**104**.196.190…	**014**
	500.**104**.198.190…	**023**

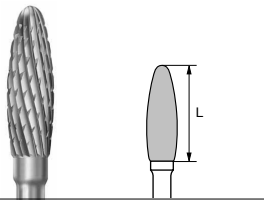
CC 139 MX



L mm 8,0

REF	CC 139 MX	
ISO	500.**104**.289.190…	**023**

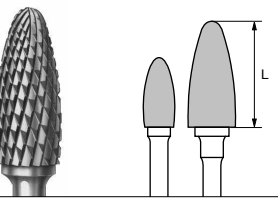
CC 250 MX



L mm 12,7

REF	CC 250 MX	
ISO	500.**104**. xxx.190…	**040**

CC 251 MX

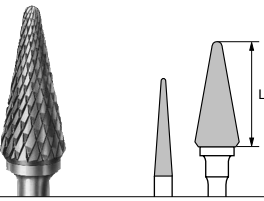


L mm 9,0 14,0

REF	CC 251 MX		
ISO	500.**104**.274.190…	**040**	**060**

060 = max. 50 000 min⁻¹

CC 257 R MX

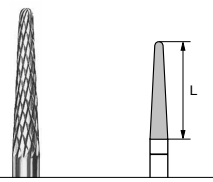


L mm 13,0 14,0

REF	CC 257 RMX		
ISO	500.**104**. 201.190…	**023**	**060**

060 = max. 50 000 min⁻¹

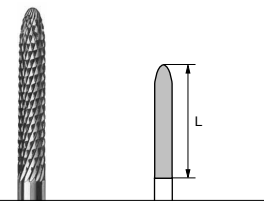
CC 261 MX



L mm 13,0

REF	CC 261 MX	
ISO	500.**104**.194.190…	**023**

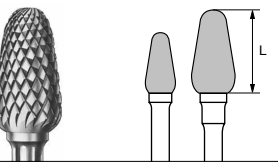
CC 295 MX



L mm 15,0

REF	CC 295 MX	
ISO	500.**104**.292.190…	**023**

CC 351 MX

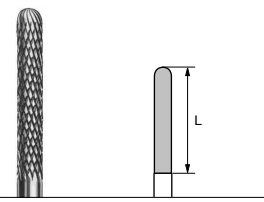


L mm 8,0 11,0

REF	CC 351 MX		
ISO	500.**104**.263.190…	**040**	**060**

060 = max. 50 000 min⁻¹

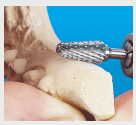
CC 364 R MX



L mm 15,0

REF	CC 364 R MX	
ISO	500.**104**.137.190…	**023**

QFX Cutters
QFX Verzahnung



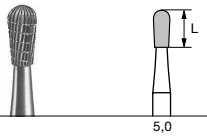
Soft relinings / Denture acrylics / Non-precious metal alloys / Precious metal alloys / Model cast alloys / Veneer acrylics
Weichbleibende Unterfütterungen / Verblend-/Prothesenkunststoffe / NEM-/EM-/Modellgusslegierungen

opt. 15,000 rpm

QFX

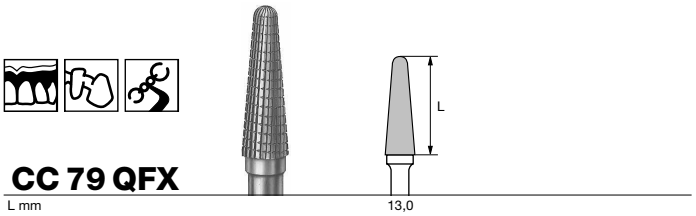
Trimming · contouring
Ausarbeiten · Konturieren

CC 77 QFX



L mm 5,0

REF	CC 77 QFX	
ISO	500.**104**.237.134…	**023**

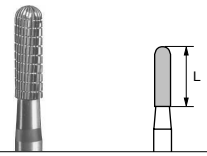


CC 79 QFX

L mm 13,0

REF	CC 79 QFX	
ISO	500.**104**.194.134…	**040**

CC 129 QFX

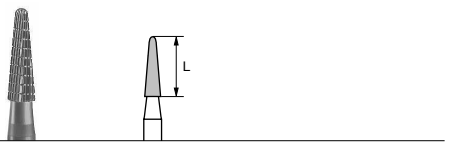


L mm 8,0

REF	CC 129 QFX	
ISO	500.**104**.141.134…	**023**

max. 100 000 min⁻¹

CC 138 QFX

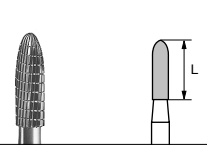


L mm 8,0

REF	CC 138 QFX	
ISO	500.**104**.198.134…	**023**

max. 100 000 min⁻¹

CC 139 QFX

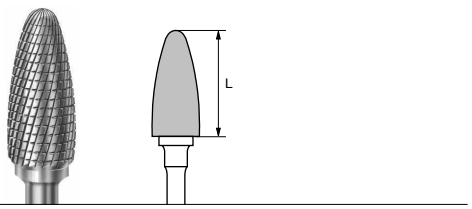


L mm 8,0

REF	CC 139 QFX	
ISO	500.**104**.289.134…	**023**

max. 100 000 min⁻¹

CC 251 QFX

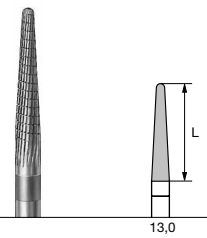


L mm 14,0

REF	CC 251 QFX	
ISO	500.**104**.274.134…	**060**

max. 50 000 min⁻¹

CC 261 QFX



L mm 13,0

REF	CC 261 QFX	
ISO	500.**104**.194.134…	**023**

max. 100 000 min⁻¹

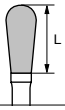
QX Cutters
QX Verzahnung

Soft acrylics / Temporary appliances
Softkunststoffe / Provisorien

opt. 15,000 rpm

QX

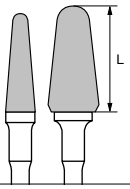
Trimming · smoothing
Ausarbeiten · Glätten



CC 77 QX

L mm: 9,0

REF	ISO	CC 77 QX
	500.**104**.237.xxx…	**040**

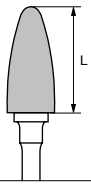


CC 79 QX

L mm: 14,0 14,0

REF	ISO	CC 79 QX		
	500.**104**.194.xxx…		**040**	**070**

max. 30 000 min⁻¹

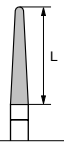


CC 251 QX

L mm: 14,0

REF	ISO	CC 251 QX	
	500.**104**.274.xxx…		**060**

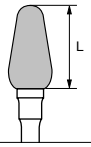
max. 50 000 min⁻¹



CC 261 QX

L mm: 13,0

REF	ISO	CC 261 QX	
	500.**104**.194.xxx…		**023**



CC 351 QX

L mm: 11,0

REF	ISO	CC 351 QX	
	500.**104**.263.xxx…		**060**

max. 50 000 min⁻¹

TX Cutters
TX Verzahnung

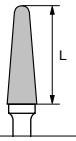
Hard non-precious metal alloys
Harte NEM-Legierungen

opt. 15,000 rpm

TX

Trimming · contouring
Ausarbeiten · Konturieren

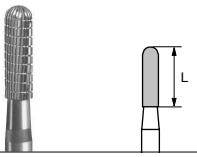
CC 79 TX



L mm: 13,0

REF	CC 79 TX
ISO	500.**104**.194.xxx… **040**

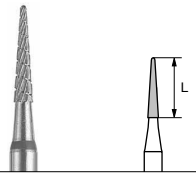
CC 129 TX



L mm: 8,0

REF	CC 129 TX
ISO	500.**104**.141.xxx… **023**

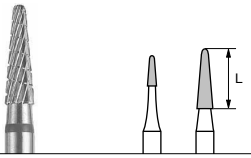
CC 136 TX



L mm: 8,0

REF	CC 136 TX
ISO	500.**104**.184.xxx… **016**

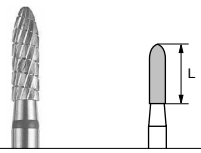
CC 138 TX



L mm: 4,0 8,0

REF	CC 138 TX
ISO	500.**104**.193.xxx… **014** **023**

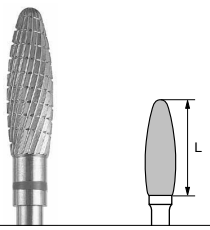
CC 139 TX



L mm: 8,0

REF	CC 139 TX
ISO	500.**104**.289.xxx… **023**

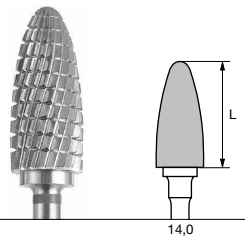
CC 250 TX



L mm: 12,7

REF	CC 250 TX
ISO	500.**104**.xxx.xxx… **040**

CC 251 TX

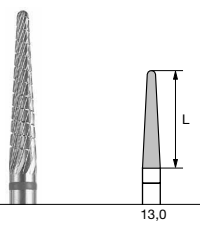


L mm: 14,0

REF	CC 251 TX
ISO	500.**104**.274.xxx… **060**

max. 50 000 min⁻¹

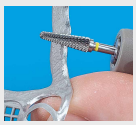
CC 261 TX



L mm: 13,0

REF	CC 261 TX
ISO	500.**104**.194.xxx… **023**

VFX Cutters
VFX Verzahnung



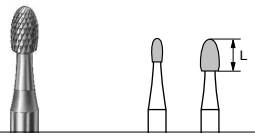
Non-precious metal alloys / Precious metals / Model cast Veneer acrylics/Soft ceramics
NEM- / Edelmetall- / Modellguss-Legierungen / Verblendkunststoffe / Softkeramik

15,000 rpm – 25,000 rpm

VFX

Trimming · smoothing
Ausarbeiten · Glätten

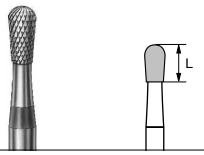
CC 73 VFX



L mm: 3,1 4,2

REF	CC 73 VFX		
ISO	500.**104**.277.110…	**014**	**023**

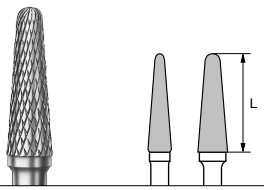
CC 77 VFX



L mm: 5,0

REF	CC 77 VFX	
ISO	500.**104**.237.110…	**029**

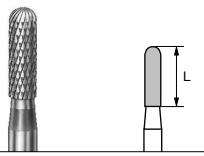
CC 79 VFX



L mm: 13,0 13,0

REF	CC 79 VFX		
ISO	500.**104**.194.110…	**031**	**040**

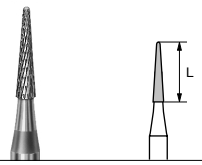
CC 129 VFX



L mm: 8,0

REF	CC 129 VFX	
ISO	500.**104**.141.110…	**023**

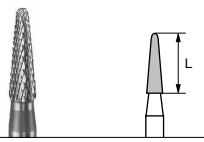
CC 136 VFX



L mm: 8,0

REF	CC 136 VFX	
ISO	500.**104**.184.110…	**016**

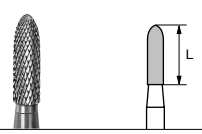
CC 138 VFX



L mm: 8,0

REF	CC 138 VFX	
ISO	500.**104**.198.110…	**023**

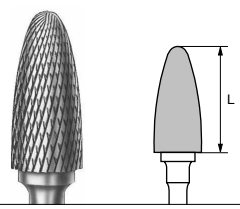
CC 139 VFX



L mm: 8,0

REF	CC 139 VFX	
ISO	500.**104**.289.110…	**023**

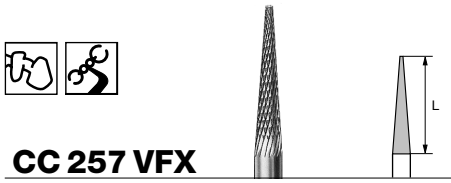
CC 251 VFX



L mm: 14,0

REF	CC 251 VFX	
ISO	500.**104**.274.110…	**060**

max. 50 000 min⁻¹



CC 257 VFX

L mm 13,0

REF	CC 257 VFX	
ISO	500.**104**.187.110…	**023**

CC 261 VFX

L mm 13,0

REF	CC 261 VFX	
ISO	500.**104**.194.110…	**023**

Auxiliaries
Zubehör

B 9785

REF	B 9785

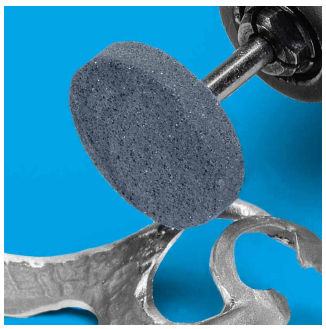
Cleaning brush
Reinigungsbürste

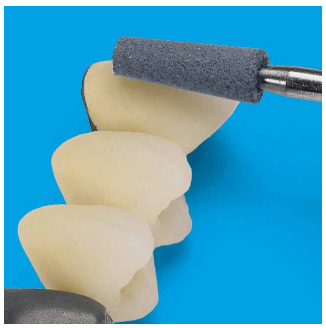
B 9786

REF	B 9786

Replacement brush
Ersatzbürste

Zirconium-Diamond-Grinder
Zirkon-Diamant-Schleifer



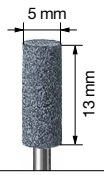


Diamond Grinder for zirconium oxide

Zirkon-Diamant-Schleifer

Due to a special ceramic bond, the Diamond Grinder has extraordinary grinding properties. The diamond grit allows cool abrasion with minimal heat generation of instrument and workpiece. It is ideally suited for processing zirconium and ceramics.

Aufgrund der keramischen Bindung besitzt der Zirkon-Diamant-Schleifer außergewöhnliche Schleifeigenschaften. Das Diamantkorn sorgt für eine minimale Hitzeentwicklung von Schleifkörper und zu bearbeitendem Material. Ideal zum Ausarbeiten von Zirkoniumoxid und Keramik.



751 M

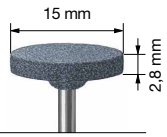
REF	751 M	
ISO	…104…	050

opt. 5 000 – max. 10 000 min^{-1}

753 M

REF	753 M	
ISO	…104…	035

opt. 5 000 – max. 10 000 min^{-1}



755 M

REF	755 M	
ISO	…104…	150

opt. 5 000 – max. 10 000 min^{-1}

Composite Polishers
Compositepolierer

(GB) High-efficiency polishers interspersed with diamond grit

- for pre-polishing, fine polishing and high-shine polishing of composites (Micro, Hybrid, Macro), acrylic veneers and innovative materials filled with glass-ceramic.
- Pre-polishers (light-purple)
- Fine-polishers (mint)
- High-shine polishers (grey)

(D) Hochleistungspolierer mit Diamantkorn durchsetzt

- *zum Vor-, Fein- und Hochglanzpolieren von Composite (Micro, Hybrid, Macro), Verblendkunststoffen und neuartigen, mit Glaskeramik gefüllten Verblendwerkstoffen*
- *Vorpolierer (hell-lila)*
- *Feinpolierer (türkis)*
- *Hochglanzpolierer (grau)*

P 9666 C
P 9662 M
P 9663 VF

L mm	7,0	7,0	7,0

REF	P 9666 C		
ISO	…204…	030	
	…314…	030	
	P 9662 M		
	…204…		030
	…314…		030
	P 9663 VF		
	…204…		030
	…314…		030

opt. 5 000 – max. 10 000 min^{-1}

P 9667 C
P 9664 M
P 9665 VF

L mm	8,0	8,0	8,0

REF	P 9667 C		
ISO	…204…	055	
	P 9664 M		
	…204…		055
	P 9665 VF		
	…204…		055

opt. 5 000 – max. 10 000 min^{-1}

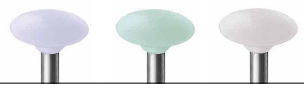
P 9436 C
P 9436 M
P 9436 VF

L mm	10,0	10,0	10,0

REF	P 9436 C		
ISO	…204…	040	
	P 9436 M		
	…204…		040
	P 9436 VF		
	…204…		040

opt. 5 000 – max. 10 000 min^{-1}

P 9406 C
P 9407 M
P 9408 VF



L mm	2,5	2,5	2,5

REF	P 9406 C		
ISO	…204…	100	
	P 9407 M		
	…204…		100
	P 9408 VF		
	…204…		100

opt. 5 000 – max. 10 000 min^{-1}

100440 **Composite Polishing Kit**

P 9478 C

L mm 9,0 10,0

REF	P 9478 C	
ISO	658.**314**…	**060**
	P 9478 C	
	658.**204**…	**070**

opt. 6 000 – max. 15 000 min-1

P 9479 C

L mm 10,0

REF	P 9479 C	
ISO	658.**204**…	**050**

opt. 6 000 – max. 15 000 min-1

P 9480 C

L mm 1,5

REF	P 9480 C	
ISO	658.**204**…	**100**

opt. 6 000 – max. 15 000 min-1

P 9481 C

L mm 7,0

REF	P 9481 C	
ISO	658.**314**…	**030**

opt. 6 000 – max. 15 000 min-1

GB **One-step composite polishers interspersed with diamond grit**

D *One-step Composite-Polierer mit Diamantkorn durchsetzt*

P 9492 Y

L mm 15,0

REF	P 9492 Y	
ISO	658.**204**…	**055**

opt. 5 000 – max. 10 000 min-1

P 9491 Y

L mm 10,0

REF	P 9491 Y	
ISO	658.**204**…	**050**

opt. 5 000 – max. 10 000 min-1

P 9490 Y

L mm 6,5

REF	P 9490 Y	
ISO	658.**204**…	**030**

opt. 5 000 – max. 10 000 min-1

P 9494 Y

L mm 8,0

REF	P 9494 Y	
ISO	658.**204**…	**100**

opt. 5 000 – max. 10 000 min-1

P 9493 Y

L mm 9,0

REF	P 9493 Y	
ISO	658.**204**…	**060**

opt. 5 000 – max. 10 000 min-1

GB **Polishers for Composite (ecoline)**

D *Composite-Polierer (ecoline)*

Ceramic Polishers
Keramikpolierer

GB High-efficiency polishers interspersed with diamond grit

- for pre-polishing, fine polishing and high-shine polishing of ceramics and metal alloys (without polishing paste)
- Pre-polishers (blue)
- High-shine polishers (grey)
- Fine-polishers (red)

D Hochleistungspolierer mit Diamantkorn durchsetzt

- *zum Vor-, Fein- und Hochglanzpolieren von Keramik und Metall (ohne Polierpaste)*
- *Vorpolierer (blau)*
- *Hochglanzpolierer (grau)*
- *Feinpolierer (rot)*

P 9418 C
P 9419 M
P 9547 F

L mm		7,0	7,0	7,0
REF	**P 9418 C**			
ISO	**…204…**	**030**		
	…314…	**030**		
	P 9419 M			
	…204…		**030**	
	…314…		**030**	
	P 9547 F			
	…204…			**030**
	…314…			**030**

opt. 5 000 – max. 10 000 min^{-1}

P 9420 C
P 9421 M
P 9652 F

L mm		8,0	8,0	8,0
REF	**P 9420 C**			
ISO	**…204…**	**055**		
	P 9421 M			
	…204…		**055**	
	P 9652 F			
	…204…			**055**

opt. 5 000 – max. 10 000 min^{-1}

P 9816 C
P 9816 M
P 9816 F

L mm		10,0	10,0	10,0
REF	**P 9816 C**			
ISO	**…204…**	**040**		
	P 9816 M			
	…204…		**040**	
	P 9816 F			
	…204…			**040**

opt. 5 000 – max. 10 000 min^{-1}

P 9422 C
P 9423 M
P 9683 F

L mm		2,5	2,5	2,5
REF	**P 9422 C**			
ISO	**…204…**	**100**		
	P 9423 M			
	…204…		**100**	
	P 9683 F			
	…204…			**100**

opt. 5 000 – max. 10 000 min^{-1}

100441 **Ceramic Polishing Kit**

P 9545 C
P 9545 M
P 9545 F

L mm 2,0 2,0 2,0

REF	**P 9545 C**			
ISO	**…104…**	**110**		
	P 9545 M			
	…104…		**110**	
	P 9545 F			
	…104…			**110**
	P 9545 F			
	…204…			**110**

opt. 5 000 – max. 10 000 min^{-1}

P 9660 C
P 9660 M
P 9660 F

L mm 13,0 13,0 13,0

REF	**P 9660 C**			
ISO	**…104…**	**055**		
	P 9660 M			
	…104…		**055**	
	P 9660 F			
	…104…			**055**

opt. 5 000 – max. 10 000 min^{-1}

P 9544 C
P 9544 M
P 9544 F

L mm 2,5 2,5 2,5

REF	**P 9544 C**			
ISO	**…104…**	**170**		
	P 9544 M			
	…104…		**170**	
	P 9544 F			
	…104…			**170**

opt. 5 000 – max. 10 000 min^{-1}

(GB) **Diamond polishers for ceramics**

- for trimming, polishing and high-shine polishing of ceramic and metal alloys

(D) *Diamant-Polierer für Keramik*

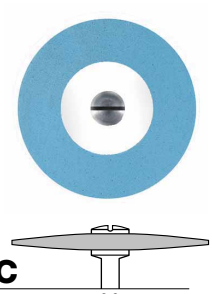
- *zum Ausarbeiten, Glätten und Hochglanzpolieren von Keramik und Metall*

P 9546 C
P 9546 M
P 9546 F

L mm 1,0 1,0 1,0

REF	**P 9546 C**			
ISO	**…104…**	**190**		
	P 9546 M			
	…104…		**190**	
	P 9546 F			
	…104…			**190**

opt. 5 000 – max. 10 000 min^{-1}



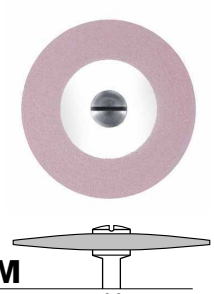
P 9690 C

L mm 2,0

REF	P 9690 C	
ISO	…**104**…	**260**

Lenticular · *Linse*

opt. 5 000 – max. 10 000 min-1



P 9691 M

L mm 2,0

REF	P 9691 M	
ISO	…**104**…	**260**

Lenticular · *Linse*

opt. 5 000 – max. 10 000 min-1

P 9692 F

L mm 2,0

REF	P 9692 F	
ISO	…**104**…	**260**

Lenticular · *Linse*

opt. 5 000 – max. 10 000 min-1

(GB) **Diamond polishers for ceramics interspersed with diamond grit**

- for trimming, polishing and high-shine polishing of ceramic and metal alloys

(D) *Diamant-Polierer*

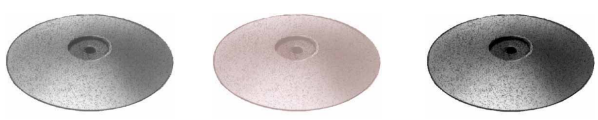
- *zum Ausarbeiten, Glätten und Hochglanzpolieren von Keramik und Metall*

(GB) **Polishers for ceramics (ecoline)**

- for pre-polishing (light-grey), fine polishing (pink) and high-shine polishing (grey) of ceramic materials

(D) *Keramikpolierer (ecoline)*

- *zum Vorpolieren (hellgrau), Nachpolieren (rosa) und Hochglanzpolieren (grau) von Keramik*



P 9537 M
P 9541 F
P 9541 EF

L mm 3,5 3,5 3,5

REF	P 9537 M		
ISO	658.**900**.303.525…	**220**	
	P 9541 F		
	658.**900**.303.515…		**220**
	P 9541 EF		
	… .**900**. …		**220**

opt. 5 000 – max. 10 000 min-1

P 9538 M
P 9542 F

L mm 20,0 20,0

REF	P 9538 M	
ISO	618.**900**.114.525…	**070**
	P 9542 F	
	618.**900**.114.515…	**070**

opt. 5 000 – max. 10 000 min-1

P 9598 M
P 9600 F
P 9600 EF

L mm 3,0 3,0 3,0

REF	P 9598 M		
ISO	658.**900**.372.525…	**220**	
	P 9600 F		
	658.**900**.372.515…		**220**
	P 9600 EF		
	… .**900**. …		**220**

opt. 5 000 – max. 10 000 min-1

P 9679 M
P 9680 F

L mm 4,0 4,0

REF	P 9679M		
ISO	… .**204**. …	**050**	
	P 9680 F		
	… .**204**. …		**050**

opt. 5 000 – max. 10 000 min-1

Prophylaxe Polishers
Prophylaxepolierer

P 9672

L mm 9,0

REF	**P 9672**	
ISO	…**000**…	**060**

opt. 5 000 – max. 6 000 min-1

Cup-shaped polishers

Kelchpolierer

P 309

REF	**P 309**	
ISO	330.**204**.607.000	

opt. 5 000 – max. 6 000 min-1

«Snap-on» mandrel for cup-shaped poilshers P 9672

«Snap-on» Träger für Kelchpolierer P 9672

GB **Laminated white polishers**

- for plaque removal

D *Weiße Polierer mit Lamellen*

- *zum Entfernen von Zahnbelag*

P 9553 M

L mm 10,0

REF	**P 9553 M**	
ISO	658.**204**.034.523…	**060**

opt. 5 000 – max. 6 000 min-1

P 9631 VF

L mm 10,0

REF	**P 9631 VF**	
ISO	…**204**…	**060**

opt. 5 000 – max. 6 000 min-1

P 9645

REF	**P 9645**	
ISO	…**204**…	**060**

opt. 5 000 – max. 6 000 min-1

Nylon bristles

Nylonbürsten

Bracket Polishers
Kleberesteentferner

P 9669

L mm 6,5

REF	**P 9669**	
ISO	658.**204**…	**030**

opt. 6 000 – max. 15 000 min-1

P 9670

L mm 10,0

REF	**P 9670**	
ISO	658.**204**…	**050**

opt. 6 000 – max. 15 000 min-1

GB **Polishers for conservative removal of adhesive residues after remor the orthondic brackets**

D *Polierer zum schonenden Entfernen von Klebstoffresten nach Entfernung der Brackets*

Amalgam Polishers
Amalgampolierer

P 9632 C

L mm 9,0

REF	**P 9632 C**	
ISO	658.**204**.030.533…	**060**

opt. 5 000 – max. 10 000 min-1

P 9643 C

L mm 6,5

REF	**P 9643 C**	
ISO	658.**204**.243.533…	**030**

opt. 5 000 – max. 10 000 min-1

P 9633 C

L mm 10,0

REF	**P 9633 C**	
ISO	658.**204**.243.533…	**050**

opt. 5 000 – max. 10 000 min-1

GB **Black amalgam polishers**

- for pre-polishing amalgam

D *Schwarze Amalgam-Polierer*

- *zum Vorpolieren von Amalgam*

Metal Polishers
Metallpolierer

(GB) High-efficiency polishers
- for pre-polishing (brown) and fine polishing (green) of metal alloys

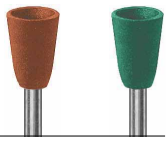
(D) Hochleistungspolierer
- *zum Vorpolieren (braun) und Feinpolieren (grün) von Metall-Legierungen*

P 9610 M
P 9620 F

L mm		16,0	16,0
REF	**P 9610 M**		
ISO	658.**104**.292.513…	**045**	
	P 9610 M		
	658.**204**.292.513…	**045**	
	P 9620 F		
	658.**104**.292.503…		**045**
	P 9620 F		
	658.**204**.292.503…		**045**

opt. 5 000 – max. 10 000 min-1

P 9606 M
P 9616 F



L mm		9,0	9,0
REF	**P 9606 M**		
ISO	658.**204**.030.513…	**060**	
	P 9616 F		
	658.**204**.030.503…		**060**

opt. 5 000 – max. 10 000 min-1

P 9611 M
P 9621 F

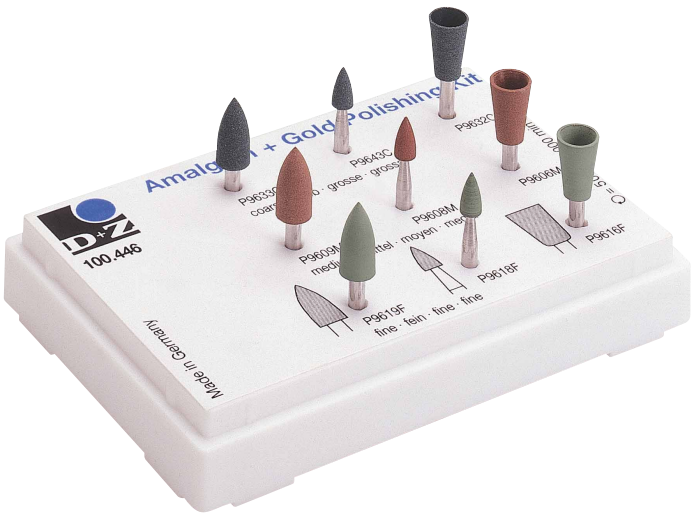
L mm		2,5	2,5	2,5	2,5
REF	**P 9611 M**				
ISO	658.**104**.303.513…		**150**		
	P 9611 M				
	658.**204**.303.513…	**100**			
	P 9621 F				
	658.**104**.303.503…				**150**
	P 9621 F				
	658.**204**.303.503…			**100**	

opt. 5 000 – max. 10 000 min-1

P 9609 M
P 9619 F

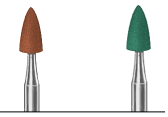
L mm		10,0	10,0
REF	**P 9609 M**		
ISO	658.**204**.243.513…	**050**	
	P 9609 M		
	658.**104**.243.513…	**050**	
	P 9619 F		
	658.**204**.243.503…		**050**
	P 9619 F		
	658.**104**.243.503…		**050**

opt. 5 000 – max. 10 000 min-1



100446 **Amalgam + Gold Polishing Kit**

P 9608 M
P 9618 F



L mm		6,5	6,5
REF	**P 9608 M**		
ISO	658.**104**.243.513…	**030**	
	P 9608 M		
	658.**204**.243.513…	**030**	
	P 9608 M		
	658.**314**.243.513…	**030**	
	P 9618 F		
	658.**104**.243.503…		**030**
	P 9618 F		
	658.**204**.243.503…		**030**
	P 9618 F		
	658.**314**.243.503…		**030**

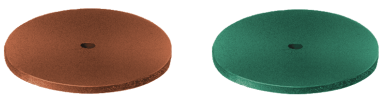
opt. 5 000 – max. 10 000 min-1

P 9614 M
P 9624 F

L mm	1,0	1,0
REF	**P 9614 M**	
ISO	658.**104**.371.513…	**190**
	P 9624 F	
	658.**104**.371.503…	**190**

opt. 5 000 – max. 10 000 min-1

P 9614 M
P 9624 F



L mm	1,0	1,0
REF	**P 9614 M**	
ISO	658.**900**.371.513…	**220**
	P 9624 F	
	658.**900**.371.503…	**220**

opt. 5 000 – max. 10 000 min-1

P 9615 M
P 9625 F

L mm	22,0	22,0
REF	**P 9615 M**	
ISO	658.**900**.114.513…	**060**
	P 9625 F	
	658.**900**.114.503…	**060**

opt. 5 000 – max. 10 000 min-1

GB **Occlusal polishers**
- for metal alloys

D *Kauflächenpolierer*
- *für Metall-Legierungen*

P 9634 M

L mm	22,0
REF	**P 9634 M**
ISO	618.**000**.114.534… **030**

opt. 10 000 – max. 15 000 min-1

P 9661 C

L mm	22,0
REF	**P 9661 C**
ISO	658.**000**.114.534… **030**

opt. 10 000 – max. 15 000 min-1

P 9635 F

L mm	22,0
REF	**P 9635 F**
ISO	618.**000**.114.513… **030**

opt. 10 000 – max. 15 000 min-1

P 9636 VF

L mm	22,0
REF	**P 9636 VF**
ISO	618.**000**114.503… **030**

opt. 10 000 – max. 15 000 min-1

P 9646 M

L mm	20,0
REF	**P 9646 M**
ISO	658.**000**.114.535… **020**

opt. 10 000 – max. 15 000 min-1

P 9647 C

L mm	20,0
REF	**P 9647 C**
ISO	658.**000**.114.534… **020**

opt. 10 000 – max. 15 000 min-1

P 9648 F

L mm	20,0
REF	**P 9648 F**
ISO	658.**000**.114.513… **020**

opt. 10 000 – max. 15 000 min-1

P 9649 VF

L mm	20,0
REF	**P 9649 VF**
ISO	618.**000**.114.503… **020**

opt. 10 000 – max. 15 000 min-1

P 9551 C

L mm 21,0

REF	**P 9551 C**
ISO	618.**900**.114.534… **070**

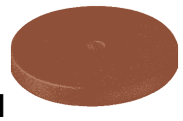
opt. 5 000 – max. 10 000 min^{-1}

P 9550 C

L mm 3,0

REF	**P 9550 C**
ISO	618.**900**.372.534… **220**

opt. 5 000 – max. 10 000 min^{-1}



P 9675 M

L mm 3,0

REF	**P 9675 M**
ISO	618.**900**.372.513… **220**

opt. 5 000 – max. 10 000 min^{-1}

P 9675 F

L mm 3,0

REF	**P 9675 F**
ISO	618.**900**.372.503… **220**

opt. 5 000 – max. 10 000 min^{-1}

(GB) **Model cast polishers**

- for pre-polishing, polishing and high-shine polishing of model cast and non-precious metal alloys

(D) *Modellgusspolierer*

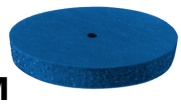
- *zum Vorpolieren, Glanz- und Hochglanzpolieren von Modellguss- und NEM-Legierungen*

P 9575 M

L mm 3,5

REF	**P 9575 M**
ISO	658.**900**.303.522… **220**

opt. 5 000 – max. 10 000 min^{-1}



P 9572 M

L mm 3,0

REF	**P 9572 M**
ISO	658.**900**.372.522… **220**

opt. 5 000 – max. 10 000 min^{-1}

(GB) **Blue polishers**

- for low-lustre polish of precious metal alloys

(D) *Blaue Polierer*

- *zur Mattglanzpolitur von Edelmetall-Legierungen*

P 9678 M

L mm 20,0

REF	**P 9678 M**
ISO	658.**900**.114.522… **070**

opt. 5 000 – max. 10 000 min^{-1}

P 9584 M
P 9584 M

L mm 16,0 25,0

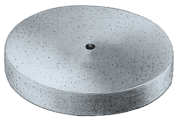
REF	**P 9584 M**
ISO	658.**104**.292.522… **050**
	P 9584 M
	658.**900**… **060**

opt. 5 000 – max. 10 000 min^{-1}

Titanium Polishers
Titanpolierer

GB Titanium polishers
- for pre-polishing (grey) and fine polishing (purple) of titan alloys

D *Titanpolierer*
- *zum Vorpolieren (grau) und Feinpolieren (pink) von Titan-Legierungen*



P 9987 M

L mm	3,0

REF	P 9987 M
ISO	… .900. … 220

opt. 5 000 – max. 10 000 min^{-1}

P 9985 M

L mm	20,0

REF	P 9985 M
ISO	… .900. … 070

opt. 5 000 – max. 10 000 min^{-1}

P 9987 F

L mm	3,0

REF	P 9554 C
ISO	… .900. … 220

opt. 5 000 – max. 10 000 min^{-1}

P 9985 F

L mm	20,0

REF	P 9630 C
ISO	… .900. … 070

opt. 5 000 – max. 10 000 min^{-1}

GB Three-step titane polishers
- interspersed with diamond grit

D *3 Stufen Titanpolierer*
- *mit Diamantkorn durchsetzt*

P 9409 C
P 9409 M
P 9409 F

L mm	2,2	2,2	2,2

REF	P 9409 C		
ISO	658.900…	170	
	P 9409 M		
	658.900…		170
	P 9409 F		
	658.900…		170

opt. 5 000 – max. 10 000 min^{-1}

P 9409 C
P 9409 M
P 9409 F

L mm	3,0	3,0	3,0

REF	P 9409 C		
ISO	658.900…	220	
	P 9409 M		
	658.900…		220
	P 9409 F		
	658.900…		220

opt. 5 000 – max. 10 000 min^{-1}

P 9411 C
P 9411 M
P 9411 F

L mm	20,0	20,0	20,0

REF	P 9411 C		
ISO	658.900…	070	
	P 9411 M		
	658.900…		070
	P 9411 F		
	658.900…		070

opt. 5 000 – max. 10 000 min^{-1}

Universal Polishers
Universalpolierer

GB White polishers

- for universal polishing of enamel, precious metal alloys and acrylics for veeners
- and for polishing filling materials and acrylics for prostheses

D *Weiße Polierer*

- *zum universellen Polieren von Zahnschmelz, Edelmetall-Legierungen und Verblend-kunststoffen*
- *auch zum Polieren von Füllungsmaterialien und Prothesenkunststoffen*

P 9627 C

L mm 4,0

REF	**P 9627 C**
ISO	658.**900**.303.523… **220**

opt. 5 000 – max. 10 000 min^{-1}

P 9554 C

L mm 3,0

REF	**P 9554 C**
ISO	658.**900**.372.523… **220**

opt. 5 000 – max. 10 000 min^{-1}

P 9630 C

L mm 20,0

REF	**P 9630 C**
ISO	658.**900**.114.523… **070**

opt. 5 000 – max. 10 000 min^{-1}

P 9555 M

L mm 8,0

REF	**P 9555 M**
ISO	658.**204**.030.523… **100**
	P 9555 M
	658.**104**.030.523… **100**

opt. 5 000 – max. 10 000 min^{-1}

P 9556 M

L mm 2,5

REF	**P 9556 M**
ISO	658.**204**… **110**

opt. 5 000 – max. 10 000 min^{-1}

P 9557 M

L mm 15,0

REF	**P 9557 M**
ISO	658.**204**.243.523… **060**
	P 9557 M
	658.**104**.243.523… **060**

opt. 5 000 – max. 10 000 min^{-1}

P 9559 C

L mm 3,5

REF	**P 9559 C**
ISO	658.**900**… **180**

opt. 5 000 – max. 10 000 min^{-1}

P 9980 C

L mm 25,0

REF	**P 9980 C**
ISO	658.**900**… **060**

opt. 5 000 – max. 10 000 min^{-1}

Denture Acrylics Polishers
Kunststoffpolierer

Denture acrylics polishers
- for polishing acrylics

Kunststoffpolierer
- *zum Polieren von Kunststoffen*

P 9603 C

L mm 25,0

REF	P 9603 C	
ISO	…104…	100

opt. 5 000 – max. 7 000 min-1

for shaping
zum Ausarbeiten

P 9641 M

L mm 25,0

REF	P 9641 M	
ISO	…104…	100

opt. 5 000 – max. 7 000 min-1

for smoothing and pre-polishing
zum Glätten und Vorpolieren

P 9644 F

L mm 25,0

REF	P 9644 F	
ISO	…104…	100

opt. 5 000 – max. 7 000 min-1

for high-shine polishing
zum Hochglanzpolieren

P 9604 C

L mm 20,0

REF	P 9604 C	
ISO	…104…	100

opt. 5 000 – max. 7 000 min-1

P 9642 M

L mm 20,0

REF	P 9642 M	
ISO	…104…	100

opt. 5 000 – max. 7 000 min-1

P 9674 F

L mm 20,0

REF	P 9674 F	
ISO	…104…	100

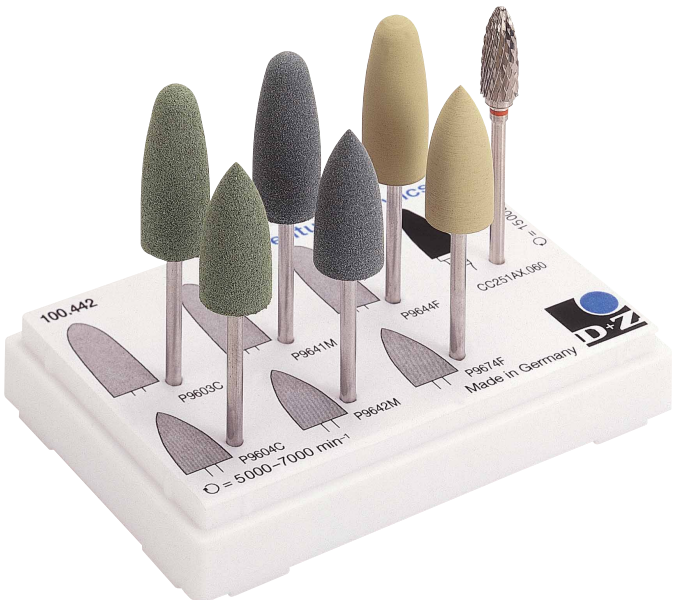
opt. 5 000 – max. 7 000 min-1

CC 251 AX

L mm 14,0

REF	CC 251 AX	
ISO	500.104.274.xxx…	060

max. 50 000 min-1



100442 Denture Acrylics Kit

P 9432 C

L mm 16,0

REF	P 9432 C	
ISO	…104…	055

opt. 5 000 – max. 7 000 min-1

P 9424 M

L mm 16,0

REF	P 9424 M	
ISO	…104…	055

opt. 5 000 – max. 7 000 min-1

P 9433 F

L mm 16,0

REF	P 9433 F	
ISO	…104…	055

opt. 5 000 – max. 7 000 min-1

P 9984 C

L mm 18,0

REF	P 9984 C	
ISO	…104…	150

opt. 5 000 – max. 7 000 min-1

P 9984 M

L mm 18,0

REF	P 9984 M	
ISO	…104…	150

opt. 5 000 – max. 7 000 min-1

P 9984 F

L mm 18,0

REF	P 9984 F	
ISO	…104…	150

opt. 5 000 – max. 7 000 min-1

P 9515 C

L mm 3,5

REF	P 9515 C	
ISO	…900…	220

opt. 6 000 – max. 10 000 min-1

P 9515 M

L mm 3,5

REF	P 9515 M	
ISO	…900…	220

opt. 6 000 – max. 10 000 min-1

P 9515 F

L mm 3,5

REF	P 9515 F	
ISO	…900…	220

opt. 6 000 – max. 10 000 min-1

P 9489 C
P 9489 M

L mm 25,0 25,0

REF	P 9489 C	
ISO	…104…	100
	P 9489 M	
	…104…	100

opt. 6 000 – max. 10 000 min-1

P 9467 C
P 9467 M

L mm 19,0 19,0

REF	P 9467 C	
ISO	…104…	100
	P 9467 M	
	…104…	100

opt. 6 000 – max. 10 000 min-1

P 9466 C
P 9466 M

L mm 18,0 18,0

REF	P 9466 C	
ISO	…104…	150
	P 9466 M	
	…104…	150

opt. 6 000 – max. 10 000 min-1

Brushes
Bürsten

P 9628

REF	P 9628	
ISO	… .900. …	220

opt. 5 000 – max. 10 000 min-1

Cotton mops

Baumwoll-Schwabbel

P 9638

REF	P 9638	
ISO	… .900. …	220

opt. 5 000 – max. 10 000 min-1

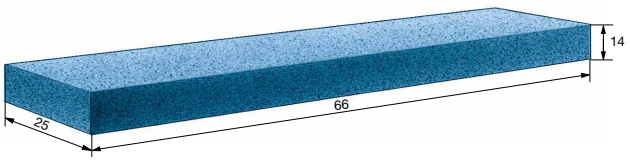
Brushes · natural bristles

Bürsten · Naturborsten

DP 93007

Diamond polishing paste 7 µm

Diamant Polierpaste



AS 20

REF	AS 20

Cleaning stone for diamonds | *Reinigungsstein für Diamanten*

Mandrels
Träger

P 303 A

US No.		303
REF	**P 303 A**	
ISO	330.**104**.603.391…	**050**

P 305 A

US No.		300
REF	**P 305 A**	
ISO	330.**104**.604.391…	**050**

self centering · *selbst zentrierend*

P 305

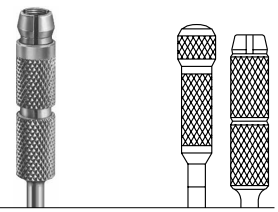
REF	**P 305**		
ISO	…**104**…	**050**	**080**

P 309

REF	**P 309**
ISO	330.**204**.607.000

opt. 5 000 – max. 6 000 min^{-1}

«Snap-on» mandrel
for cup-shaped poilshers P 9672
«Snap-on» Träger
für Kelchpolierer P 9672



P 326

REF	**P 326**		
ISO	….**104**…	**020**	**030**

P 305 A

P 305

P 329

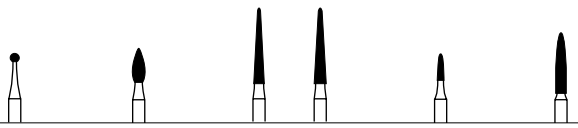
REF	**P 329**
ISO	330.**104**.610.417…

P 301 L

REF	**P 301 L**
ISO	330.**104**.610.415…

Set for the preparation of composite fillings

Satz zur Bearbeitung von Composite-Füllungen



100402

Contents · *Inhalt*

REF		801C	368C	859C	859C	860C	862C
ISO	806.**314**	001.504 012	257.504 016	166.504 014	166.504 016	245.504 009	249.504 014
		1	1	1	1	1	1

DTF set of instruments with ultra-fine diamond grit

DTF-Satz in Diamant-Körnung ultrafein

100403

Contents · *Inhalt*

REF		801U	956U	852U	860U	862U	368AU	368U	379U	827U	392U
ISO	806.**314**	001.494 012	159.494 009	164.494 010	245.494 010	249.494 012	254.494 016	257.494 016	277.494 016	464.494 018	465.494 014
		1	1	1	1	1	1	1	1	1	1

DTF set of instruments with extra-fine diamond grit

DTF-Satz in Diamant-Körnung extrafein

100404

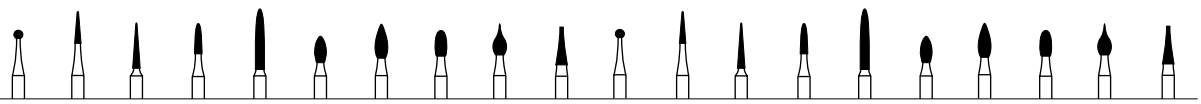
Contents · *Inhalt*

REF		801C	956C	852C	860C	862C	368AC	368C	379C	827C	392C
ISO	806.**314**	001.504 012	159.504 009	164.504 010	245.504 010	249.504 012	254.504 016	257.504 016	277.504 016	464.504 018	465.504 014
		1	1	1	1	1	1	1	1	1	1

DTF set DUAL of instruments with extra-fine / ultra-fine diamond grit

DTF-Satz DUAL
in Diamant-Körnung extrafein / ultrafein

100405



Contents · *Inhalt*

REF		801C	956C	852C	860C	862C	368AC	368C	379C	827C	392C	801U	956U	852U	860U	862U	368AU	368U	379U	827U	392U
ISO	806.**314**	001.504 012	159.504 009	164.504 010	245.504 010	249.504 012	254.504 016	257.504 016	277.504 016	464.504 018	465.504 014	001.494 012	159.494 009	164.494 010	245.494 010	249.494 012	254.494 016	257.494 016	277.494 016	464.494 018	465.494 014
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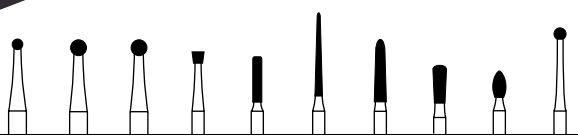
Therapie Set

Therapie Satz

100423



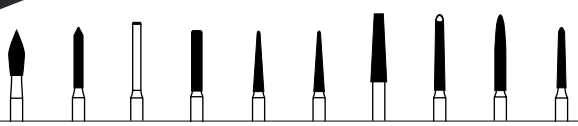
Contents · *Inhalt*

REF		CB1S	CB1S	801	805	836KR	859	868	830L	368A	801LG
ISO	806.**204/314**	001.003 014	001.003 021	001.524 012	010.524 016	157.524 012	167.524 010	223.524 016	234.524 018	254.524 018	697.534 016
		1	1	1	1	1	1	1	1	1	1

Crown Preparation Set

Kronenpräparations-Satz

100424



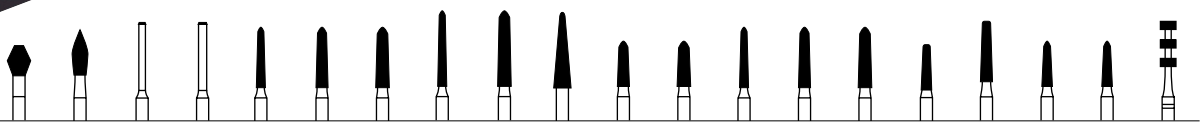
Contents · *Inhalt*

REF		899F	885	839	837KR	858	859F	848	857	863	878
ISO	806.**314**	033.514 021	130.524 012	150.524 012	158.524 014	165.524 014	166.514 014	173.524 021	220.524 014	250.524 016	289.524 012
		1	1	1	1	1	1	1	1	1	1

Crown & Veneer Preparation Kit

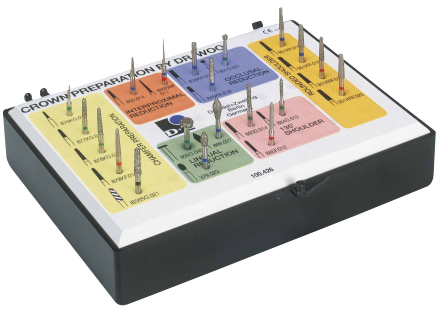
Crown & Veneer Präparation Kit

100425



Contents · *Inhalt*

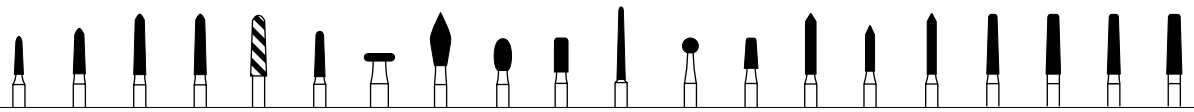
REF		811	899	839A	839A	878K	878K	878K	879K	879K	859	877K	877K	878K	878K	878K	846KR	847KR	878K	877K	834
ISO	806.**314/313**	038.524	033.524	–	–	298.524	298.524	298.524	299.524	299.524	–	297.524	297.524	298.524	298.524	298.524	545.524	546.524	298.524	297.524	552.524
		031	021	010	012	012	016	018	016	018	023	016	018	012	016	018	014	016	014	014	021
			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1



Crown Preparation Kit by Dr. Woo

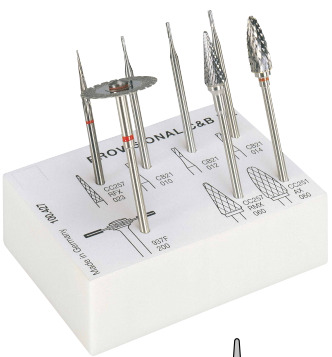
Kronenpräparationssatz nach Dr. Woo

100426



Contents · *Inhalt*

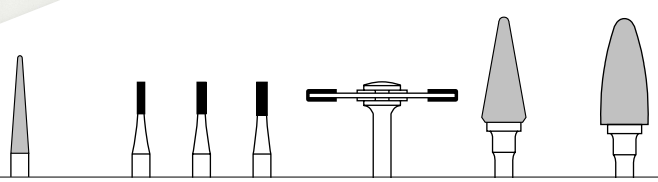
REF		876KG	877KG	878KG	878KF	I856SG	855	909G	899	379	835KR	850SMF	801G	845KR	885G	884G	885F	951KR	951KR	951KRF	951KRF
ISO	806.**314**	296.534	297.534	298.534	298.514	–	197.524	068.534	033.524	277.524	156.524	199.xxx	001.534	544.524	130.534	129.534	130.514	–	–	–	–
		012	016	016	016	021	014	040	027	023	018	011	021	018	014	012	012	016	019	017	020
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1



Provisional C & B Kit

Provisional C & B Satz

100427



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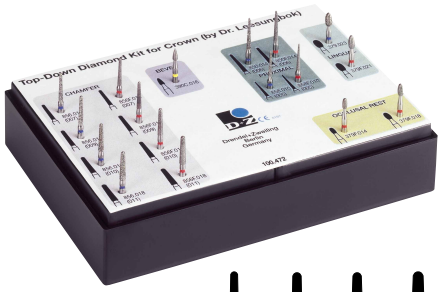
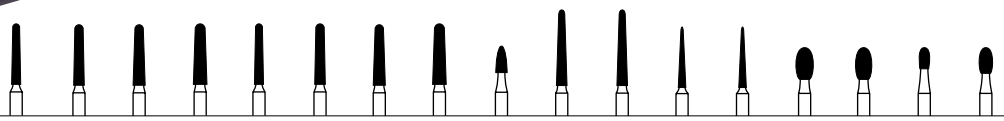


Top-Down Diamond Kit for Crown by Dr. Leesungbok

Top-Down Diamond Kit for Crown nach Dr. Leesungbok

100472



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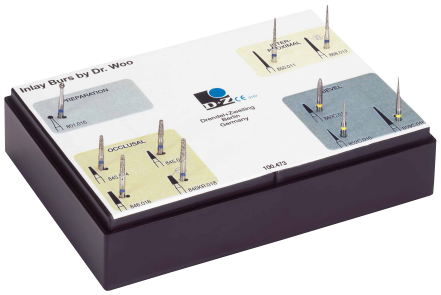

Inlay Burs by Dr. Woo

Inlay Burs nach Dr. Woo

100473

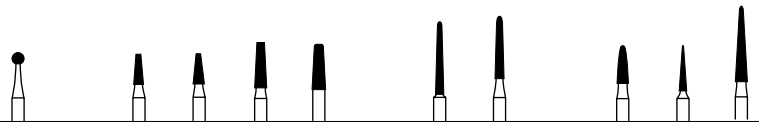

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ABB 15

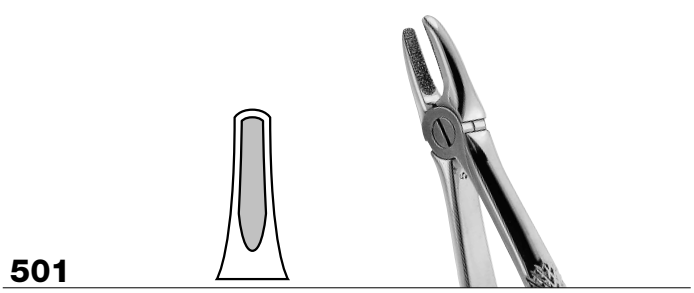
REF **ABB 15**

ABB 30

REF **ABB 30**

Diamond Forceps
Diamantierte Extraktionszangen

Centrals and Canine | *Schneide- und Eckzähne*



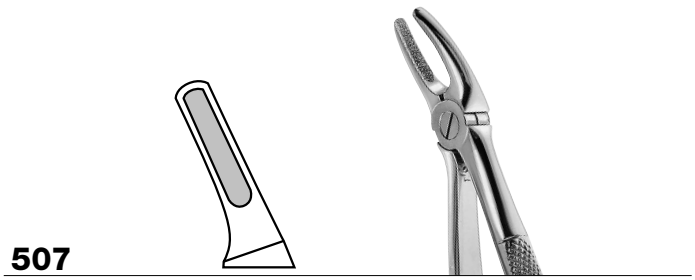
501

REF **501**
ISO 806.**501**.534
upper centrals and canines · *obere Schneide- und Eckzähne*

502

REF **502**
ISO 806.**502**.534
upper centrals and canines · *obere Schneide- und Eckzähne*

Premolars | *Prämolaren*



507

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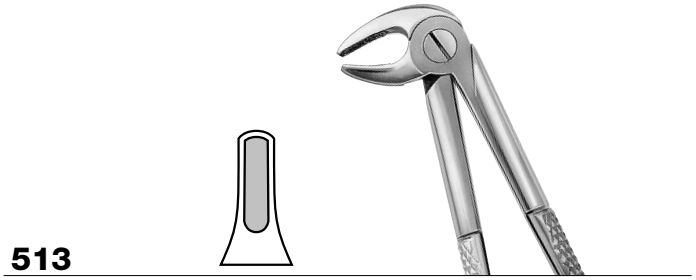
upper premolars · *obere Prämolaren*



513

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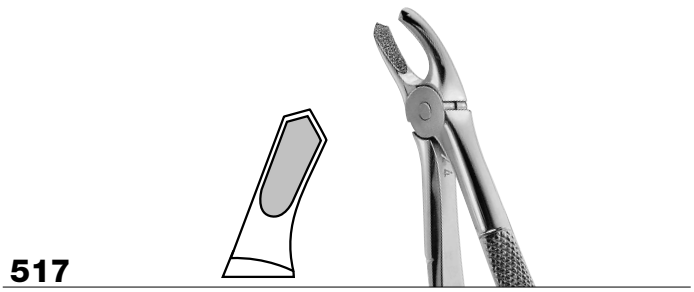
ISO 806.**513**.534
lower premolars · *untere Prämolaren*

Molars | *Molaren*



517

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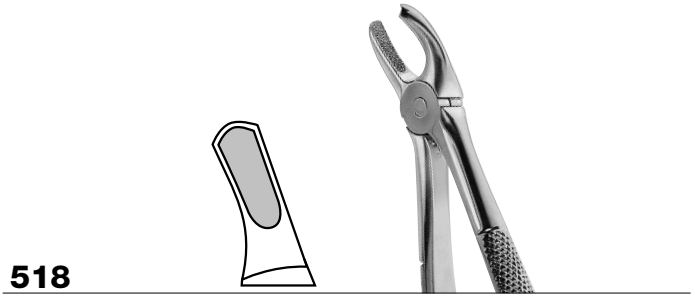
upper molars, right · *obere Molaren, rechts*



518

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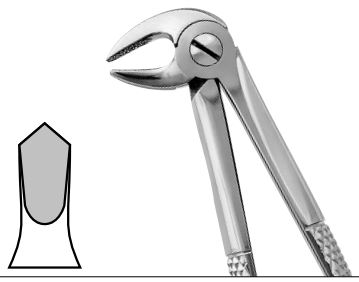
ISO 806.**518**.534
upper molars, left · *obere Molaren, links*

Molars | *Molaren*



522

REF	**522**
ISO	806.**522**.534

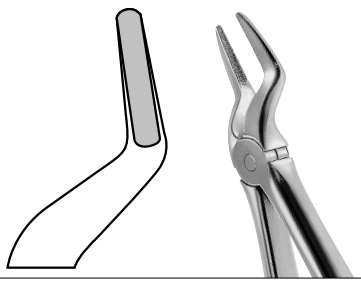
lower molars · *untere Molaren*

Roots | *Wurzeln*

533

REF	**533**
ISO	806.**533**.534

lower roots · *untere Wurzeln*



551

REF	**551**
ISO	806.**551**.534

upper roots · *obere Wurzeln*

574

REF	**574**
ISO	806.**574**.534

lower roots, english pattern · *untere Wurzeln, englische Form*

Disinfection, Cleaning, Sterilization | *Desinfektion, Reinigung und Sterilisation*

Disinfection

- Use approved agents only (preferably KOMET DC1)
- Immerse instruments immediately after use
- Observe manufacturer's recommendations regarding concentration / time / material-compatibility
- Do not disinfect in the thermodisinfector

Root canal instruments
➔ Protect against mechanical damage

Tungsten carbide instruments
➔ Do not use hydrogen peroxide (H_2O_2)

Polishers
➔ Do not immerse in alcohol

Brushes with natural bristles
➔ are for single use only

Desinfektion

- Nur geeignete, handelsübliche Mittel benutzen (z.B. KOMET DC1)
- benutzte Instrumente sofort einlegen
- Herstellerangaben zu Konzentration / Zeit / Materialverträglichkeit beachten
- kein Thermodesinfektor

Wurzelkanalinstrumente
➔ vor mechanischer Beschädigung schützen

Hartmetallinstrumente
➔ kein Wasserstoffperoxid (H_2O_2) verwenden

Polierer
➔ nicht in Alkohol einlegen

Naturhaarbürsten
➔ als Einmalprodukt verwenden

Reprocessing

A validated cleaning method is available on our web site www.drendel.com under "Instrument reprocessing".

Aufbereitung

Ein validiertes Aufbereitungsverfahren finden Sie unter „Instrumentenaufbereitung" auf www.drendel.com!

New Instruments / Treatment
Neue Instrumente / Behandlung

1 Disinfection / *Desinfektion*

2 Cleaning / *Reinigung*

3 Drying / *Trocknung*

4 Examination / *Prüfung*

5 Sterilization / *Sterilisation*

6 Storage / *Lagerung*

Disposal / *Entsorgung*

Cleaning

- Remove residues
  - Cleaning stone **S 1000** (for diamond instruments)
  - Brush **B 9785** (for blades)
- Ultrasound

➔ Use anticorrosive cleaning agent

➔ Thoroughly rinse off cleaning and disinfection agent under running water

Note: Use distilled water in order to prevent water spots

Reinigung

- *Rückstände entfernen!*
  - *Reinigungsstein **S 1000** (Diamant)*
  - *Bürste **B 9785** (Schneiden)*
- *Ultraschall*

➔ *Reinigungsmittel mit Korrosionsschutz verwenden*

➔ *gründliches Abspülen der Reinigungs- und Desinfektionsmittel unter fließendem Wasser*

Tipp: *Die Verwendung von destilliertem Wasser verhindert Wasserflecken.*

Drying

- Forced drying only with

➔ Compressed air
➔ Hot air
➔ Absorbent paper tissue

Trocknung

- *nur Zwangstrocknung verwenden*

➔ *Druckluft*
➔ *Heißluft*
➔ *mit saugfähigen Zellstofftüchern abtupfen*

Examination

- Visual inspection
- Disposal of damaged instruments

➔ Breakouts at the blades
➔ Dull blades
➔ Bent instruments
➔ Dark discoloration
➔ Corrosion (rust)
➔ blank spots on diamond instruments

Prüfung

- *Sichtkontrolle*
- *Entsorgung von beschädigten Instrumenten!*

➔ *ausgebrochene Schneiden*
➔ *stumpfe Schneiden*
➔ *verbogene Instrumente*
➔ *Schwarzfärbung*
➔ *Korrosion (Rost)*
➔ *glänzende Stellen an Diamantinstrumenten (fehlender Diamantbelag)*

Storage

- Separate storage (sterile / non-sterile)
- Sterile products, 6 weeks max.

➔ Dry
➔ Dust-proof
➔ Separated from chemicals

Lagerung

- *Trennung (steril / unsteril)*
- *Sterilgut max. 6 Wochen*

➔ *trocken*
➔ *staubgeschützt*
➔ *von Chemikalien getrennt*

Sterilization

- All dental instruments can be sterilized
- Use sterile packages

Exceptions:
Standard steel instruments (e.g. REF 1)
➔ Instruments corrode if subjected to autoclave sterilization

Rubber polishers
➔ change their elasticity if subjected to hot air sterilization

Brushes with natural bristles
➔ will be soaked in the autoclave

Sterilisation

- *sterilisierbar sind alle zahnärztlichen Instrumente*
- *Sterilgutverpackungen verwenden*

Ausnahmen:
Standard Stahlinstrumente (z.B. REF 1)
➔ *Instrumente korrodieren im Autoclav*

Gummipolierer
➔ *verändern ihre Elastizität im Heißluftsterilisator*

Bürsten mit Naturhaarborsten
➔ *quellen im Autoclav auf*

134°C 3–5 min. Autoclave *Autoklav*

121°C 15–20 min. Autoclave *Autoklav*

180°C 30 min. Hot air *Heißluft*

Safety Precautions
for the use of rotary instruments

All dental instruments were developed and manufactured for their specific application. Incorrect use may harm tissue, cause premature wear, destroy the instruments and endanger the operator, patient or third parties.

Correct application

- Ensure that only technically perfect, serviced and clean turbines, handpieces and contra-angles are used with the rotary instruments.
- The instruments must be inserted as far as possible.
- The instruments must be running before being placed on the surface.
- Avoid wedging or levering the instrument as this increases the risk of breakage.
- It is advisable to wear safety glasses, depending on the application.

▶ Incorrect application leads to inferior results and increases the risk.

Pressure

- Excessive pressure must be avoided at all times. Excessive pressure may damage the working parts of rotary cutting instruments or fracture their blades. Heat build-up is also increased.
- With rotary grinding instruments excessive pressure may lead to breakouts or cause them to smear, which increases heat build-up.
- Excessive pressure may increase heat build-up during polishing.

▶ Excessive pressure may cause overheating which leads to damage to the pulp or fractures blades, resulting in undesirably rough surfaces. In extreme cases, the instrument may even fracture.

Cool adequately with water

- To prevent undesirable heat build-up during preparation, provide for adequate water irrigation (at least 50 ml/min.).
- FG instruments with a total length exceeding 22 mm or a head diameter of more than 2 mm require additional cooling.

▶ Inadequate cooling with water may damage the tooth and contiguous tissue irreversibly.

Dispose of worn instruments

- Fractured and deformed blades cause vibration.
- Noticeably smooth diamond grit may indicate that the bur is blunt.
- Bent or non-concentric rotary instruments must also be disposed of.

▶ Blunt rotary instruments and instruments with fractured blades induce the user to exert more pressure, which increases the working temperature. This may damage the pulp.

Storage, disinfection, cleaning and sterilization

- Rotary instruments must be disinfected, cleaned and – whenever necessary – sterilized prior to first use on patients and immediately after use. The rotary instrument should be kept in its original packaging at room temperature and protected against dust and moisture until used for the first time.
- Rotary instruments should be kept in hygienic stands, dishes or other suitable containers. The same applies to sterilized and sterile wrapped instruments. They must be protected against dust, moisture and recontamination during storage. If the instruments are not used right away, it is advisable to keep them in their original packaging.
- Anticorrosive disinfectants and cleaning agents must be used for rotary instruments which are not protected against corrosion.
- Avoid contact with H_2O_2 (hydrogen peroxide). It attacks and damages tungsten carbide working parts, which curtails their service life.
- Avoid sterilization temperatures exceeding 180°C. Exceeding this temperature reduces the hardness of the working part and curtails its service life. In general, polishers should not be sterilized at temperatures exceeding 135°C.
- Tungsten carbide rotary instruments and non-rustproof instruments may corrode in a thermal disinfection unit. This may cause discolouration and curtail the service life.
- The method of use, reaction time and suitability of disinfectants and cleaning agents for certain types of instruments are covered by the manufacturers' instructions.

▶ Ensure that the method of disinfection/sterilization is suitable for the instrument. The relevant details are provided In the catalogue and/or on the instrument packaging.

Polishers / brushes

- Apply low operating pressure in order to minimize heat generation.
- Polish with slightly circling movements.
- Use breathing mask (mouth and nose) as well as a suction device in the laboratory.
- Eye protection is recommended.

Material properties / Disinfection and cleaning liquids

- Due to their material properties, brushes and polishers have to be cleaned differently from rotary instruments. The classic bur bath solutions are often based on alcohol or alkaline. These attack brushes and polishers, they get soft, swell and ultimately the joint to the shank detaches.
- Therefore, only use the disinfection and cleaning liquids offered for brushes and polishers. Observe the prescribed concentration when mixing the liquid. Make sure that the recommended immersion time is kept.

Thermal disinfection

- Thermal disinfection is not suited for brushes, polishers or all other rotary instruments! It would attack and damage the instruments.

Sterilisation

- Brushes and polishers can be sterilized in the autoclave. Chemiclave or hot air sterilization would destroy them.

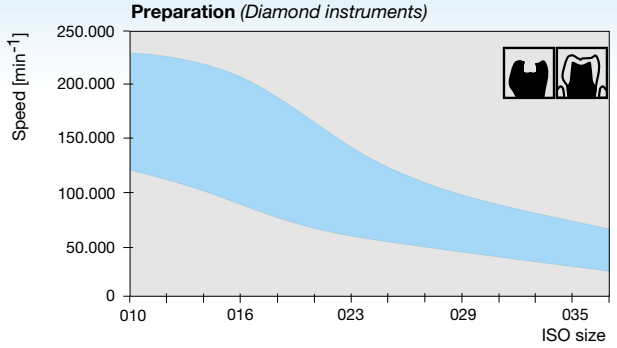
Recommended speeds

- To produce optimum results, run the rotary instruments at their recommended speeds.
- Long, pointed instruments tend to oscillate if their maximum permissible speeds are exceeded – this may destroy the instruments.
- If the diameter of the working parts exceeds that of the shank, powerful centrifugal forces may build up at high speeds which may bend the shank and/or fracture the instrument. Therefore, the maximum permissible speed must never be exceeded.
- The recommended speeds and maximum permissible working speeds are included in the manufacturer's instructions.

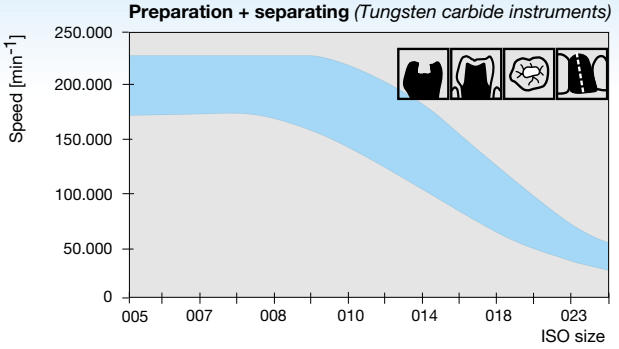
▶ **Non-adherence to the maximum permissible speeds increases the risk of accident.**

Speed recommendation for the individual treatment

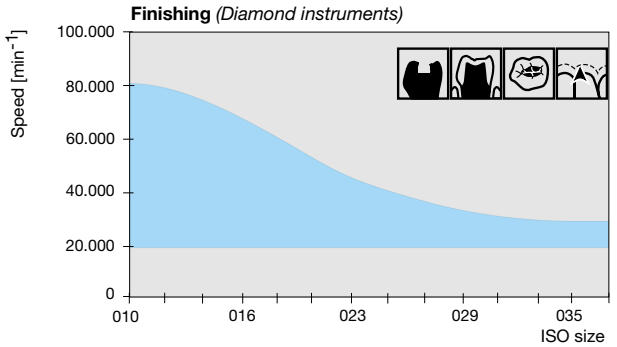
Preparation *(Diamond instruments)*



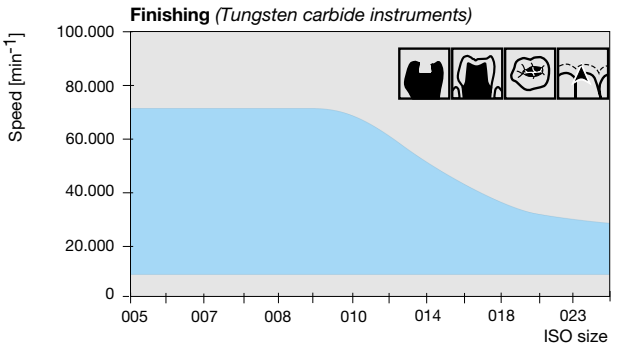
Preparation + separating *(Tungsten carbide instruments)*



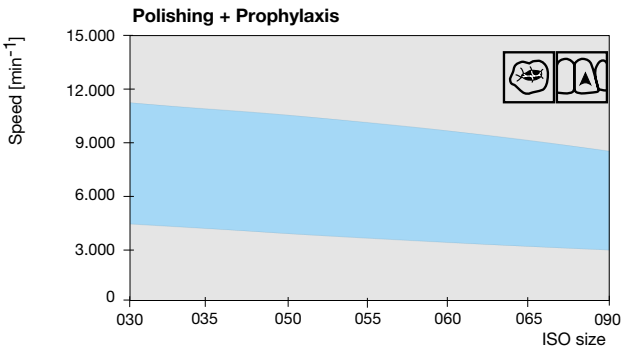
Finishing *(Diamond instruments)*



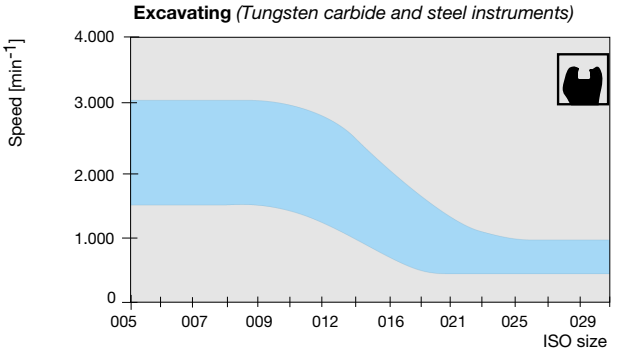
Finishing *(Tungsten carbide instruments)*



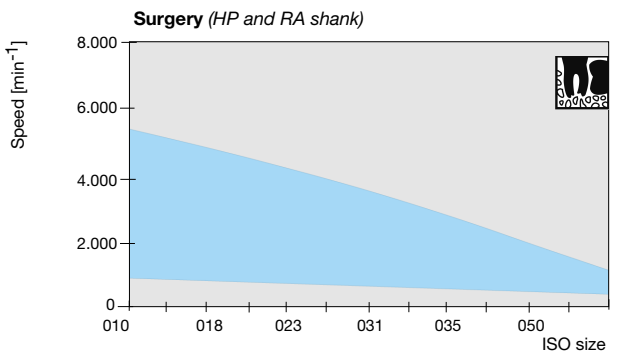
Polishing + Prophylaxis



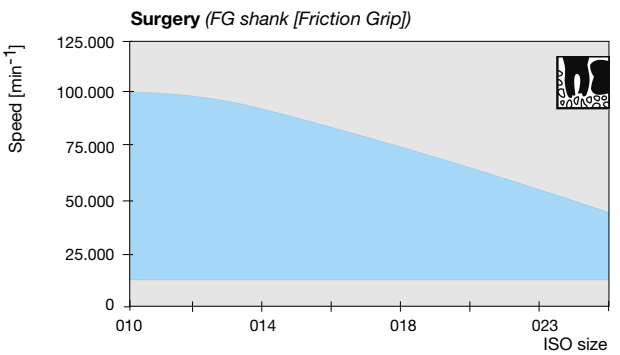
Excavating *(Tungsten carbide and steel instruments)*



Surgery *(HP and RA shank)*



Surgery *(FG shank [Friction Grip])*



Sicherheitshinweise
zur Anwendung von rotierenden Dentalinstrumenten

Alle Instrumente für die Zahnheilkunde wurden für ihre spezifische Anwendung entwickelt und konstruiert. Deshalb kann unsachgemäßer Gebrauch zu Schädigungen an Geweben, zum vorzeitigen Verschleiß, zur Zerstörung der Instrumente und zu einer Gefährdung für den Anwender, den Patienten oder Dritter führen.

Sachgemäße Anwendung

- Es ist darauf zu achten, nur technisch und hygienisch einwandfreie, gewartete und gereinigte Turbinen sowie Hand- und Winkelstücke einzusetzen.
- Die Instrumente müssen so tief wie möglich eingespannt werden.
- Die Instrumente sind vor dem Ansetzen an das Objekt auf Drehzahl zu bringen.
- Verkanten oder Hebeln ist zu vermeiden, da es zu erhöhter Bruchgefahr führt.
- Je nach Anwendung wird die Verwendung von Schutzbrillen empfohlen.

▶ Unsachgemäße Anwendung führt zu schlechten Arbeitsergebnissen und erhöhtem Risiko.

Andruckkräfte

- Überhöhte Andruckkräfte sind unbedingt zu vermeiden. Sie können bei schneidenden Instrumenten zur Beschädigung des Arbeitsteils mit Schneidenausbrüchen führen. Gleichzeitig tritt eine erhöhte Wärmeentwicklung ein.
- Überhöhte Andruckkräfte können bei Schleifinstrumenten zum Ausbrechen der Schleifkörner oder zum Verschmieren des Instrumentes und zur überhöhten Wärmeentwicklung führen.
- Hohe Andruckkräfte können bei Polierern zu hoher Wärmeentwicklung führen.

▶ Überhöhte Andruckkräfte können durch Überhitzung auch zu einer Schädigung der Pulpa oder durch ausgebrochene Schneiden zu unerwünscht rauen Oberflächen führen. Im Extremfall kann auch ein Instrumentenbruch nicht ausgeschlossen werden.

Wasserkühlung

- Zur Vermeidung unerwünschter Wärmeentwicklung bei der Präparation ist ausreichende Wasserkühlung (mind. 50 ml/min) sicherzustellen.
- Bei FG-Instrumenten mit einer Gesamtlänge von über 22 mm oder einem Kopfdurchmesser über 2 mm ist zusätzliche Kühlung erforderlich.

▶ Bei unzureichender Wasserkühlung kann es zu irreversibler Schädigung des Zahnes und der umliegenden Gewebe kommen.

Aussortieren von abgenutzten Instrumenten

- Ausgebrochene und unförmige Schneiden verursachen Vibrationen.
- Fühlbar glattes Diamantkorn könnte ein Hinweis auf ein stumpfes Instrument sein.
- Verbogene bzw. nicht rund laufende Instrumente sollten unverzüglich aussortiert werden.

▶ Stumpfe und ausgebrochene Instrumente verleiten zu hohen Andruckkräften und erhöhen so die Arbeitstemperatur. Dies kann zu einer Schädigung der Pulpa führen.

Aufbewahrung, Desinfektion, Reinigung und Sterilisation

- Vor dem erstmaligen Einsatz am Patienten und sofort nach jedem Gebrauch müssen rotierende Instrumente desinfiziert, gereinigt, und – soweit erforderlich – sterilisiert werden. Bis zum erstmaligen Einsatz sollte die Aufbewahrung in der Originalverpackung bei Zimmertemperatur staub- und feuchtigkeitsgeschützt erfolgen.
- Die Aufbewahrung von rotierenden Instrumenten sollte in hygienisch gewarteten Ständern, Schalen oder anderen geeigneten Behältnissen erfolgen. Entsprechendes gilt auch für sterilisierte Instrumente und Instrumente in Sterilisiergutverpackungen. Die Lagerung muss staub-, feuchtigkeits- und rekontaminationsgeschützt erfolgen.
- Bei nicht korrosionsgeschützten Instrumenten müssen Desinfektions- und Reinigungsmittel mit Korrosionsschutz verwendet werden.
- Der Kontakt mit H_2O_2 (Wasserstoffsuperoxyd) ist zu vermeiden. Hartmetall-Arbeitsteile werden angegriffen und beschädigt. Somit wird die Standzeit reduziert.
- Eine Sterilisationstemperatur über 180° C muss vermieden werden. Eine Überschreitung führt zum Verlust der Arbeitsteilhärte und somit zur Reduzierung der Standzeit.
- Polierer sind generell nicht zur Sterilisation bei Temperaturen über 135° C geeignet.
- Rotierende Instrumente aus Hartmetall und nicht rostsichere Instrumente können im Thermodesinfektor korrodieren. Dies kann zu Verfärbungen und zu einer geringeren Standzeit führen.
- Die Benutzungsweise, Einwirkdauer und Eignung von Desinfektions- und Reinigungssubstanzen für bestimmte Instrumentenarten sind den Angaben der Hersteller dieser Mittel zu entnehmen.

▶ Bei der Desinfektion und Sterilisation ist unbedingt darauf zu achten, dass das gewählte Verfahren für das jeweilige Instrument geeignet ist. Entsprechende Hinweise sind Katalogen und/oder Instrumentenverpackungen zu entnehmen.

Polierer / Bürsten

- Polieren Sie immer nur mit leichter Anpresskraft, um die Hitzeentwicklung zu minimieren.
- Polieren Sie immer in leicht kreisförmigen Bewegungen.
- Verwenden Sie im zahntechnischen Bereich einen Atemschutz (Mund und Nase) sowie eine Absauganlage.
- Das Tragen einer Schutzbrille wird empfohlen.

Materialeigenschaften / Desinfektions- und Reinigungsflüssigkeiten

- Die Bürsten und Polierer sind aufgrund ihrer Materialeigenschaften anders als die rotierenden Instrumente zu behandeln. Die klassischen Bohrerbadlösungen sind meist auf alkoholischer oder alkalischer Basis aufgebaut. Diese greifen die Bürsten und Polierer an, sie werden weich, quellen auf, und in der Folge löst sich die Verbindung zum Schaft. Verwenden Sie daher Desinfektions- und Reinigungsmittel, die für Bürsten und Polierer angeboten werden.
- Die vorgeschriebene Konzentration beim Anmischen der Flüssigkeit beachten. Die empfohlenen Einlegezeiten sind einzuhalten.

Thermodesinfektor

- Der Thermodesinfektor ist weder für Bürsten noch für Polierer noch für die anderen rotierenden Instrumente geeignet! Die darin behandelten Instrumente werden angegriffen und beschädigt.

Sterilisation

- Bürsten und Polierer sind im Autoklav sterilisierbar. Sterilisation im Chemiclav oder in Heißluft führt zur Zerstörung.

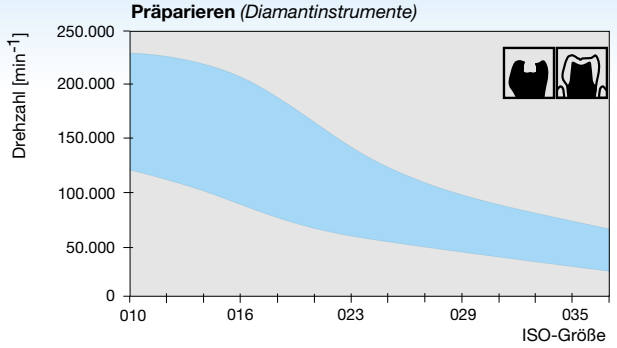
Drehzahlempfehlungen

- Die Einhaltung der instrumentenspezifischen Drehzahlempfehlungen führt zu besten Arbeitsergebnissen.
- Lange und spitze Instrumente neigen bei Überschreitung der maximal zulässigen Drehzahl zu Schwingungen, die zur Zerstörung des Instrumentes führen können.
- Bei Arbeitsteil-Durchmessern über Schaftstärke können bei zu großen Drehzahlen starke Fliehkräfte auftreten, die zu Verbiegungen des Schaftes und/oder zum Bruch des Instrumentes führen können. Aus diesem Grund darf die maximal zulässige Drehzahl keinesfalls überschritten werden.
- Die empfohlenen Drehzahlen und maximal zulässigen Drehzahlen entnehmen Sie den Herstellerangaben.

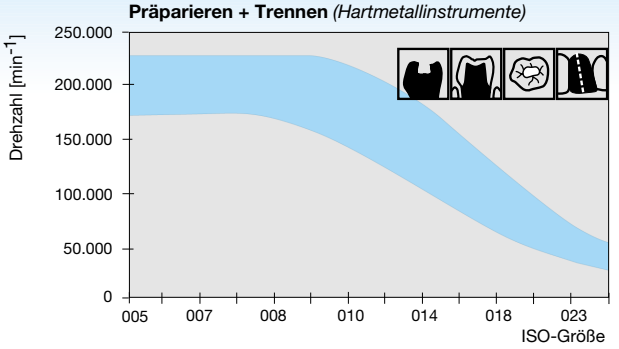
▶ **Das Nichtbeachten der maximal zulässigen Drehzahl führt zu einem erhöhten Sicherheitsrisiko.**

Anwendungsbezogene Drehzahlempfehlungen

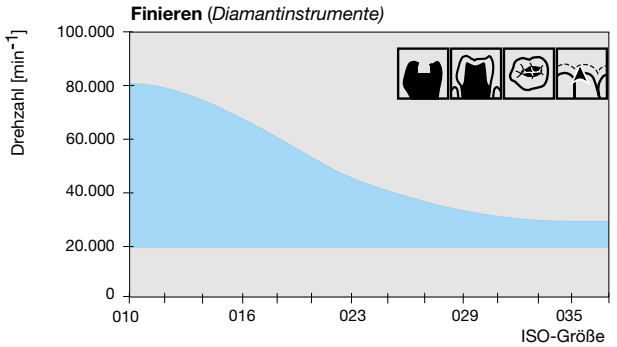
Präparieren *(Diamantinstrumente)*



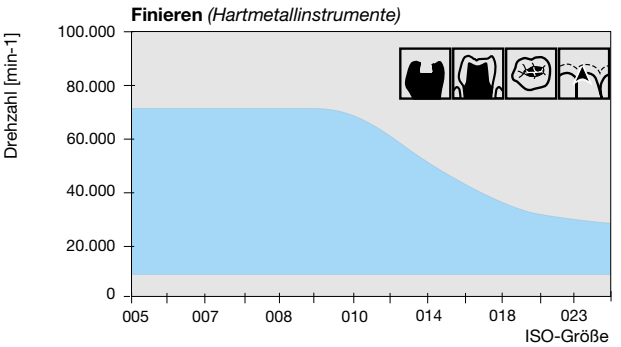
Präparieren + Trennen *(Hartmetallinstrumente)*



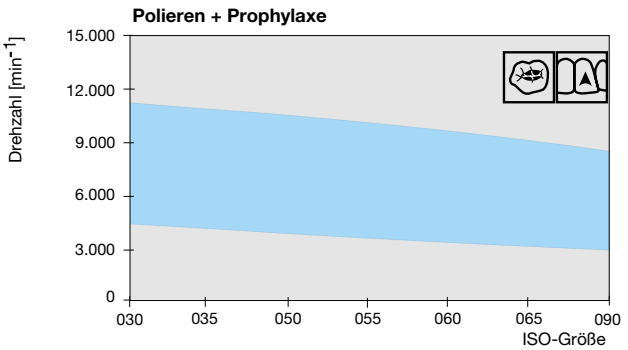
Finieren *(Diamantinstrumente)*



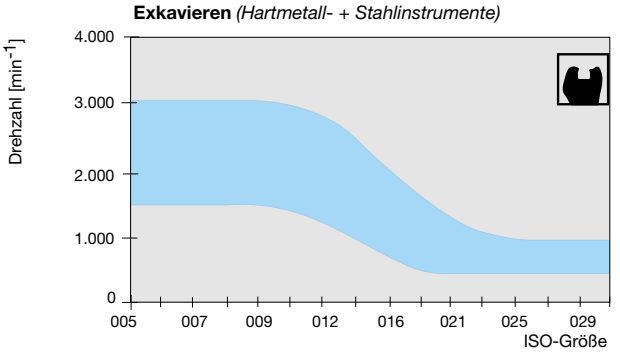
Finieren *(Hartmetallinstrumente)*



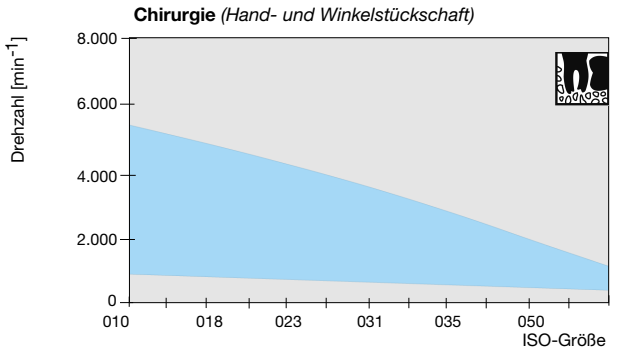
Polieren + Prophylaxe



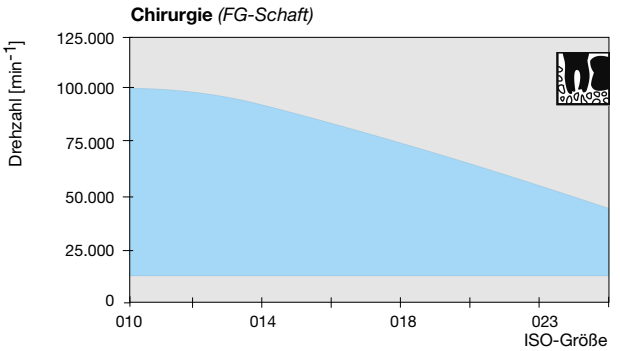
Exkavieren *(Hartmetall- + Stahlinstrumente)*



Chirurgie *(Hand- und Winkelstückschaft)*



Chirurgie *(FG-Schaft)*



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