

rograu

catálogo

brocas / discos / polidores

Rograu é uma marca européia de material dentário - brocas discos e polidores - fabricados na Alemanha com as melhores matérias-primas.

Nossas brocas de diamante são constituídas por 3 camadas para reter o diamante de uma forma mais eficiente.
Este processo de produção torna a camada de diamantes melhor e mais duradoura. Desta forma, as nossas ofertas oferecem maior durabilidade e mais eficiência.

A nova linha de produção de brocas de carbono de tungsténio segue as necessidades mais exigentes dos profissionais, permitindo-lhes ter diferentes lâminas de corte geométricas que permitem todo um tipo de trabalhos em clínicas e laboratórios.
As nossas brocas de cirurgia são um exemplo de eficiência de corte em todos os tecidos moles ou duros.

Os polidores de Rograu são uma referência da complexidade da produção e da sua qualidade no processo de acabamento em materiais como compostos, cerâmicas entre outros.



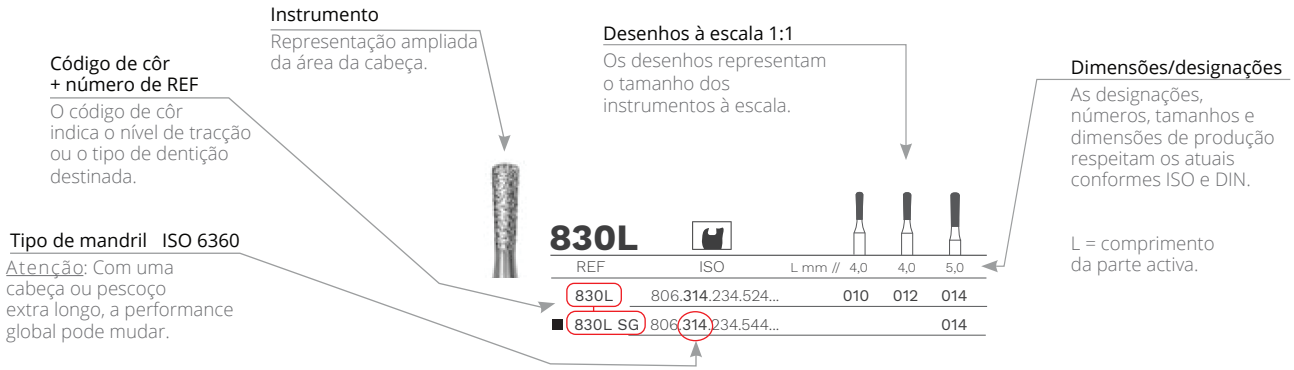
rograu

assistência:

info@rograu.com

+351 239 403 291
segunda-feira a sexta-feira
9h / 18h (GMT+1)

Estrutura das tabelas / Como fazer o pedido de encomenda



Pode usar o número REF ou ISO para efectuar o pedido

Por especifique o número REF
+ tipo de mandril
+ tamanho respectivo

Exemplo

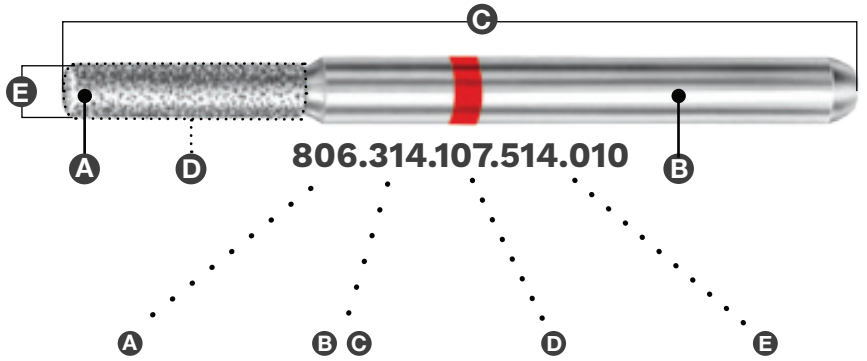


fazer pedido com o n. de REF 835 + .314. + 010

Sistema de numeração

Algumas caracterísitcas dos instrumentos de rotação respeitam as normas internacionais.
Por exemplo, as dimensões do acoplamento,o diâmetro e tipo de mandril (ISO 1797) bem como o tamanho (ISO 2157).A harmonização interna das designações dos instrumentos é assim garantida pelosistema de numeração ISO.

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



Pictogram

keep this symbols in mind they will guide through the whole catalogue

- Crown and bridge technique
- Model casting technique
- Root planing
- Root canal preparation
- Crown cutting
- Composite work
- Crown preparation
- Gnatho orthopaedics
- Model fabrication
- Acrylic technique
- Root canal preparation
- Cavity preparation

Shank type

Friction Grip (FG)

FG SHORT	ISO 313	Ø 1.60 mm	16.5 mm
FG	ISO 314	Ø 1.60 mm	19 mm
FG L	ISO 315	Ø 1.60 mm	21 mm
FG XL	ISO 316	Ø 1.60 mm	25 mm

Right Angle (RA)

RA	ISO 204	Ø 2.35 mm	22 mm
RA L	ISO 205	Ø 2.35 mm	26 mm
RA XL	ISO 206	Ø 2.35 mm	34 mm

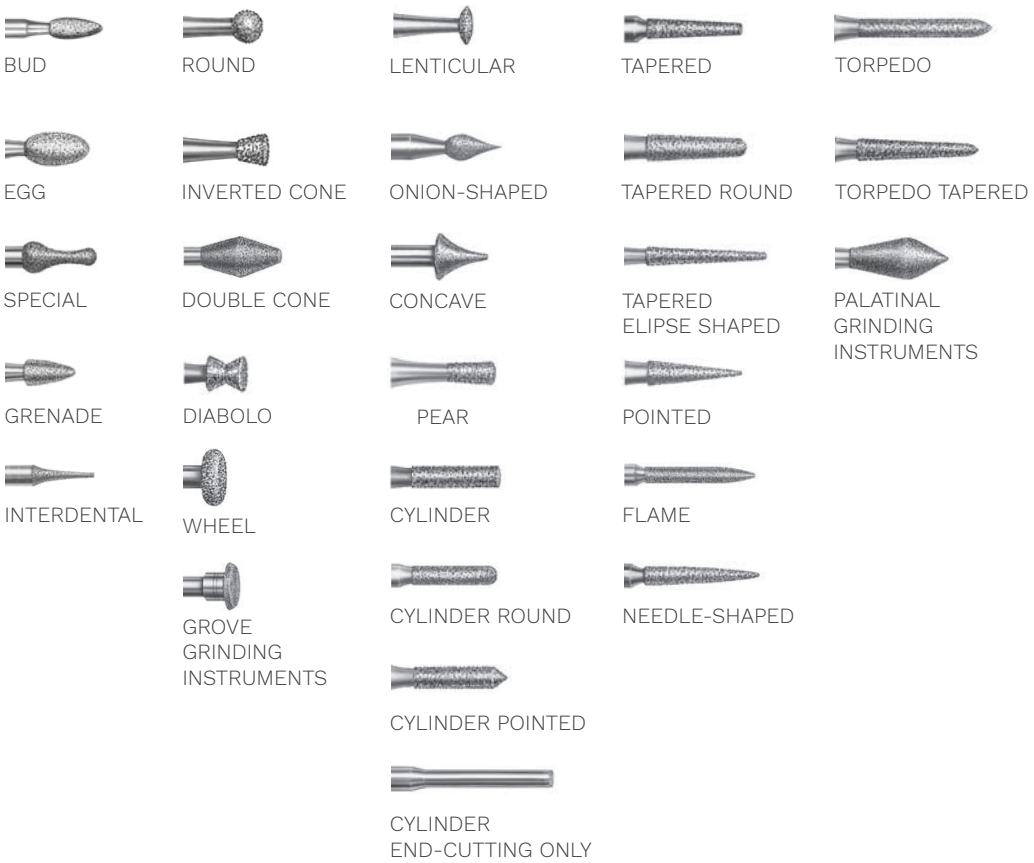
Hand Piece (HP)

HP SHORT	ISO 103	Ø 2.35 mm	34 mm
HP	ISO 104	Ø 2.35 mm	44.5 mm
HP XL	ISO 106	Ø 2.35 mm	70 mm

The total length of instruments can be shorter or longer according to type of working part.

diamond instruments

overview - preparation instruments



INDEX

4 Diamond Instruments
16 Diamond Instruments Fg Short
17 Zd Diamond Abrasives
18 Titanium Nitride (Tin) Coated Instruments
20 Micropreparation
21 InteC Instruments
22 Diamond Fishing Strips
23 Diamond Tools For Laboratory Application
25 Sintered Diamonds
29 Tungsten Carbide
45 Polishers



368

REF	ISO	L mm //	3,5	3,5	4,5	5,0	5,0
368	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**	

021/023/025 = ↻ max. 300 000 min⁻¹



368A

REF	ISO	L mm //	3,5	3,5
368A	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

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

025 = ↻ max. 160 000 min⁻¹



379

REF	ISO	L mm //	2,8	2,8	3,4	3,4	4,2	4,2
379	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



379B

REF	ISO	L mm //	4,3
379B	806.**314**.277.524...		**020**

020 = ↻ max. 300 000 min⁻¹



369A

Occlu-Former

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

023 = ↻ max. 300 000 min⁻¹



390

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



392

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



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**
■ 801G	806.**314**.001.534...			009	010	012	014	016	018	021	023			029		
■ 801F	806.**204**.001.514...								018		023				033	
	806.**314**.001.514...							014	018	021	023			029	**033**	
■ 801C	806.**204**.001.504...										023					
	806.**314**.001.504...						012	014	016	018	**023**			**029**		

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

801 L

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

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



802

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

023 = ↻ max. 300 000 min⁻¹



805

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

025 = ↻ max. 160 000 min⁻¹



806

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



807

REF	ISO	L mm //	3,5	3,5	4,0	5,0	6,0	6,0
807	806.**104**.255.524...					018	023	025
	806.**314**.225.524...		012	014	016	018		
■ 807G	806.**314**.225.534...			014	016			

– = ISO 524 without ring 105 - 120 µm
G = ■ ISO 534 green ring 126 - 150 µm
U = □ ISO 494 white ring 10 µm
SG = ■ ISO 544 black ring 180 µm
C = ■ ISO 494 yellow ring 25 µm
F = ■ ISO 494 red ring 46 µm



811

REF	ISO	L mm //	4,2	4,2	7,0
811	806.314.038.524...		**031**	**033**	**037**

031 = max. 140 000 min^{-1}
033 = max. 100 000 min^{-1}
037 = max. 100 000 min^{-1}



813

REF	ISO	L mm //	1,5	1,5	1,5	1,5	2,0
813	806.314.032.524...		010	012	014	016	018



815

REF	ISO	L mm //	0,5	0,8
815	806.314.040.524...		014	**035**

035 = max. 100 000 min^{-1}

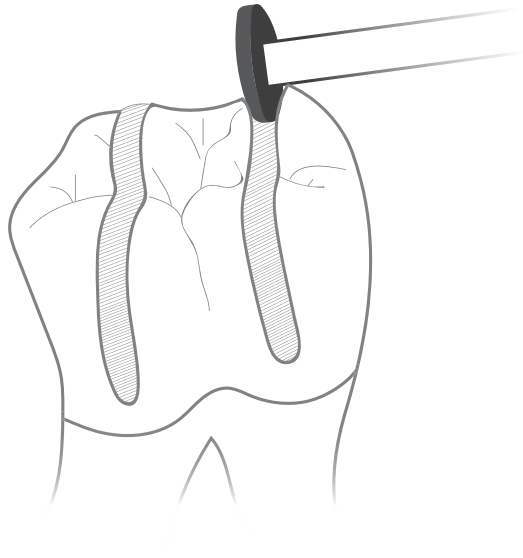
818

REF	ISO	L mm //	0,6	0,6
818	806.314.041.524...		**047**	**050**

047 = max. 80 000 min^{-1}
050 = max. 80 000 min^{-1}

822

REF	ISO	L mm //	2,0	2,0
822	806.314.232.524...		008	009



824

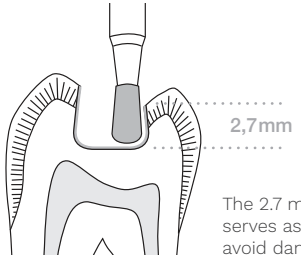
REF	ISO	L mm //	2,0	2,0
824	806.314.055.524...		**037**	**047**

037 = max. 100 000 min^{-1}
047 = max. 90 000 min^{-1}

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



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

827

REF	ISO	L mm // 4,2
827C	806.314.464.504...	018

833

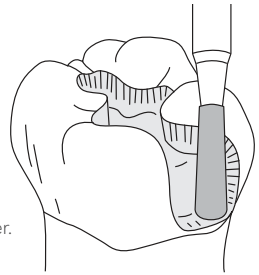
REF	ISO	L mm // 3,5
827C	806.314.466.504...	**031**
833F	806.314.466.514...	**031**

031 = ↻ max. 140 000 min⁻¹

830RLA

REF	ISO	L mm // 4,7
830RLA	806.314.237.524...	**032**

032 = ↻ max. 100 000 min⁻¹



Preparation of a cervical shoulder.



830

REF	ISO	L mm // 2,7	2,7	2,7	2,7	2,7
830	806.314.233.524...	009	010	012	014	016
830G	806.314.233.534...		010	012	014	016



830L

REF	ISO	L mm // 4,0	4,0	5,0	5,0	5,0
830L	806.314.234.524...	010	012	014	016	018
830L SG	806.314.234.544...			014		
830L G	806.314.234.534...		012	014	016	018



835

REF	ISO	L mm // 3,0	3,0	3,0	4,0	4,0	4,0	4,0	4,0
835	806.104.107.524...				010				
	806.204.107.524...				010	012			
	806.314.107.524...	006	008	009	010	012	014	016	018
835G	806.314.107.534...			009	010	012	014		
835F	806.314.107.514...				010		014		

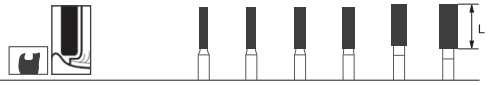


835KR

REF	ISO	L mm // 3,0	4,0	4,0	4,0	4,0	4,0
835KR	806.314.156.524...	008	010	012	014	016	018
835KR G	806.314.156.534...		010	012	014		

– = ISO 524 without ring 105 - 120 µm
G = ISO 534 green ring 126 - 150 µm
U = ISO 494 white ring 10 µm
SG = ISO 544 black ring 180 µm
C = ISO 494 yellow ring 25 µm
F = ISO 494 red ring 46 µm

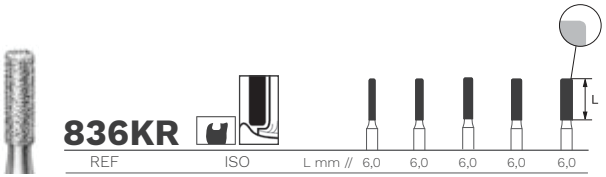
836



REF	ISO	L mm //	6,0	6,0	6,0	6,0	6,0	6,5
836	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					

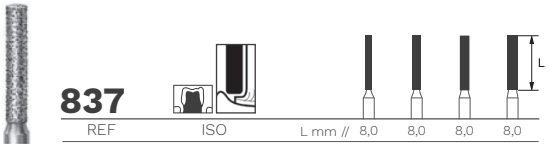
027 = ↻ max. 160 000 min⁻¹

836KR



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

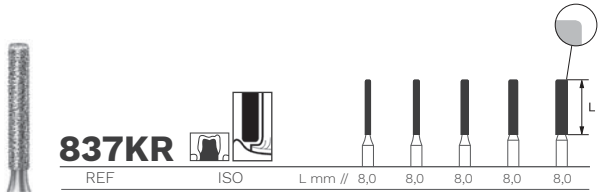
837



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

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

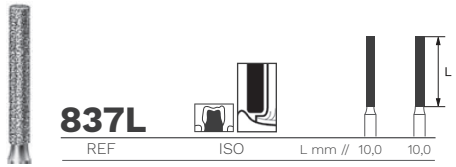
837KR



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

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

837L



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

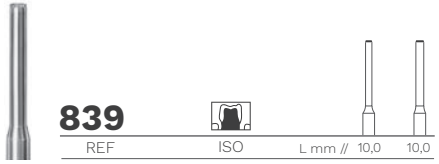
012 = ↻ max. 300 000 min⁻¹
014 = ↻ max. 300 000 min⁻¹

838



REF	ISO	L mm //	3,0	3,0	4,0	4,0	4,0
838	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	ISO	L mm //	10,0	10,0
839	806.**314**.150.524...		**010**	**012**

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



845

REF	ISO	L mm //	3,0	4,0	4,0	4,0	4,0
845	806.314.168.524...		008	010	012		016
■ 845 G	806.314.168.534...				012	014	



845KR

REF	ISO	L mm //	4,0	4,0	4,0	4,0
845KR	806.314.544.524...		014	016	018	**025**
■ 845KR F	806.314.544.514...			016	018	**025**

025 = ⟳ max. 160 000 min⁻¹



846

REF	ISO	L mm //	6,0	6,0	6,0	6,0
846	806.314.171.524...		012	014	016	018
■ 846 G	806.314.171.534...		012		016	



846KR

REF	ISO	L mm //	6,0	6,0	6,0
846KR	806.314.545.524...		012	014	016
■ 846KR G	806.314.545.534...				016



847

REF	ISO	L mm //	8,0	8,0	8,0	8,0	8,0
847	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



847KR

REF	ISO	L mm //	8,0	8,0	8,0	8,0
847KR	806.314.546.524...		**012**	014	016	018
■ 847KR G	806.314.546.534...				016	018

012 = ⟳ max. 300 000 min⁻¹

– = ISO 524 without ring 105 - 120 µm
G = ■ ISO 534 green ring 126 - 150 µm
U = □ ISO 494 white ring 10 µm
SG = ■ ISO 544 black ring 180 µm
C = ■ ISO 494 yellow ring 25 µm
F = ■ ISO 494 red ring 46 µm



848

REF	ISO	L mm //	10,0	10,0	10,0	9,0	9,0
848	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			

014 = ↻ max. 300 000 min^{-1} **018** = ↻ max. 300 000 min^{-1}
016 = ↻ max. 300 000 min^{-1} **021** = ↻ max. 300 000 min^{-1}
023 = ↻ max. 300 000 min^{-1}



849

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



850

REF	ISO	L mm //	10,0	10,0	10,0	10,0	10,0	10,0
850	806.**104**.199.524...					016	018	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		

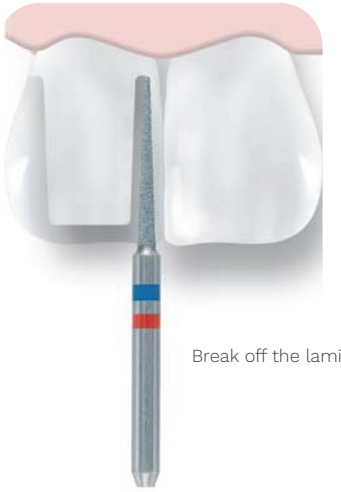
011 = ↻ max. 160 000 min^{-1} **016** = ↻ max. 300 000 min^{-1}
012 = ↻ max. 300 000 min^{-1} **018** = ↻ max. 300 000 min^{-1}
014 = ↻ max. 300 000 min^{-1} **023** = ↻ max. 300 000 min^{-1}



850SMF

REF	ISO	L mm //	10,0
■■ 850S MF	806.**314**.199.XXX...		**011**

011 = ↻ max. 160 000 min^{-1}



Break off the lamina



851

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

012 = ↻ max. 300 000 min^{-1}



852

REF	ISO	L mm //	6,0	6,0	6,0	6,0
852	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

REF	ISO	L mm //	8,0	8,0	8,0	8,0	8,0
855	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 **023** = ↻ max. 300 000 min⁻¹



856

REF	ISO	L mm //	8,0	8,0	8,0	8,0	8,0	8,0	9,0
856	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 **023** = ↻ max. 300 000 min⁻¹
021 = ↻ max. 300 000 min⁻¹ **033** = ↻ max. 160 000 min⁻¹



856P

REF	ISO	L mm //	8,0	8,0
856P	806.314. ... .524...		018	021
856P G	806.314. ... .534...		018	021
856P F	806.314. ... .514...		018	021

018 = ↻ max. 160 000 min⁻¹
021 = ↻ max. 160 000 min⁻¹





858

REF	ISO	L mm //	8,0	8,0
858	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
855 C	806.314.165.504...			014

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



859

REF	ISO	L mm //	11,0	9,0	12,0	10,0	10,0
859	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 **015** = ↻ max. 160 000 min⁻¹
014 = ↻ max. 300 000 min⁻¹ **016** = ↻ max. 300 000 min⁻¹
018 = ↻ max. 300 000 min⁻¹

– =	ISO 524 without ring	105 - 120 µm	U = □	ISO 494 white ring	10 µm
G = ■	ISO 534 green ring	126 - 150 µm	SG = ■	ISO 544 black ring	180 µm
C = ■	ISO 494 yellow ring	25 µm	F = ■	ISO 494 red ring	46 µm



860

REF	ISO	L mm // 2,5	4,0	5,0	5,0
860	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

REF	ISO	L mm // 8,0	8,0	8,0	8,0	8,0
862	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**			
859 G	806.**314**.249.534...		**012**	014	016	
859 F	806.**314**.249.514...	**010**	**012**	014		
859 C	806.**204**.249.504...			014		
	806.**314**.249.504...	**010**	**012**	014	016	
859 U	806.**314**.249.494...		**012**			

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



863GK

REF	ISO	L mm // 10,0
860GK C	806.**314**.2565.504...	**012**

012 = ↻ max. 300 000 min^{-1}



863

REF	ISO	L mm // 10,0	10,0	10,0	10,0	10,0
863	806.**104**.250.524...	012		016		025
	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}



864

REF	ISO	L mm // 12,0	12,0
864	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

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

012 = ↻ max. 300 000 min^{-1}



875

REF	ISO	L mm // 3,0
875	806.314.535.524...	**009**

009 = ↻ max. 300 000 min⁻¹



876K

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



877

REF	ISO	L mm // 6,0	6,0
877	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



877K

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



878

REF	ISO	L mm // 6,0	6,0	6,0	6,0
878	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



878K

REF	ISO	L mm // 8,0	8,0	8,0	8,0	8,0	8,0
878 K	806.314.298.524...	**012**	014	016	018	**021**	
■ 878K SG	806.314.298.544...			016			
■ 878K G	806.314.298.534...	**012**	014	016	018	**021**	**023**
■ 878K 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

REF	ISO	L mm // 10,0	10,0	10,0
879	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 **014** = ↻ max. 300 000 min⁻¹
016 = ↻ max. 300 000 min⁻¹



879K

REF	ISO	L mm // 10,0	10,0	10,0	10,0	10,0	10,0
878	806.314.299.524...	**012**	**014**	**016**	**018**	**021**	
■ 878 G	806.314.299.534...	**010**	**012**	**014**	**016**	**021**	**023**

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

– =	ISO 524 without ring	105 - 120 µm	U = □	ISO 494 white ring	10 µm
G = ■	ISO 534 green ring	126 - 150 µm	SG = ■	ISO 544 black ring	180 µm
C = ■	ISO 494 yellow ring	25 µm	F = ■	ISO 494 red ring	46 µm



880

REF	ISO	L mm //	6,0	6,0	6,0	6,0
880	806.104.140.524...				016	027
	806.314.140.524...		012	014	016	
■ 880G	806.314.140.534...		012	014		
■ 880F	806.314.140.514...		012			



881

REF	ISO	L mm //	8,0	8,0	8,0	8,0
881	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

REF	ISO	L mm //	10,0	10,0
882	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

REF	ISO	L mm //	3,0
■ 883 G	806.314.539.534...		**010**

010 = ↻ max. 300 000 min^{-1}



884

REF	ISO	L mm //	6,0
884	806.314.129.524...		**012**
■ 884 G	806.314.129.534...		**012**
■ 884 F	806.314.129.514...		**012**



885

REF	ISO	L mm //	8,0	8,0	8,0
885	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

REF	ISO	L mm //	10,0	10,0	10,0
886	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}



888

REF	ISO	L mm // 8,0
888	806.314.496.524...	012

012 = max. 300 000 min⁻¹



889

REF	ISO	L mm // 3,5	4,0
889	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

REF	ISO	L mm // 10,5
898	806.314.213.524...	016

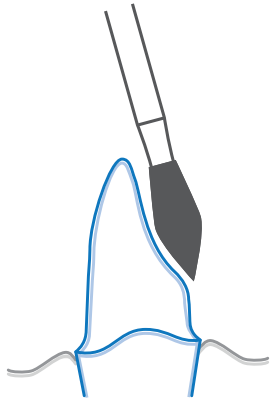
016 = max. 300 000 min⁻¹



899

REF	ISO	L mm // 6,5	7,0	7,0
899	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

REF	ISO	L mm // 1,0	1,0	2,0
909	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

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

008 = max. 300 000 min⁻¹



956

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



957

REF	ISO	L mm // 3,0
957 F	806.314.159.514...	009



972

REF	ISO	L mm // 4,0
972 C	806.314.XXX.504...	020



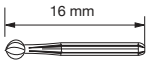
973

REF	ISO	L mm // 4,7
973 F	806.314.XXX.514...	021
972 C	806.314.XXX.504...	021

– = ISO 524 without ring 105 - 120 µm
G = ■ ISO 534 green ring 126 - 150 µm
U = □ ISO 494 white ring 10 µm
SG = ■ ISO 544 black ring 180 µm
C = ■ ISO 494 yellow ring 25 µm
F = ■ ISO 494 red ring 46 µm

diamond instruments FG short

313 · FG short



Ø 1,60 mm



801

REF	ISO		
801	806.313.001.524...	012	014
■ 801 G	806.313.001.534...		014



835

REF	ISO	L mm // 3,0	3,0	4,0	4,0
835	806.313.107.524...	008	009	010	012



856

REF	ISO	L mm // 8,0	8,0
■ 856 G	806.313.198.534...	016	018



878

REF	ISO	L mm // 8,0	8,0
878	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



878K

REF	ISO	L mm // 8,0
878K	806.313.298.524...	016

ZD diamond abrasives

ZrO_2 – Diamond abrasives for work on zirconium oxide

The popularity of tooth coloured restorations is constantly on the increase. Zirconium oxide has proven to be the perfect material for this application due to its reliable and durable properties, however, the great hardness of this material makes it very difficult to grind with conventional instruments.

Thanks to a special bonding and specially chosen diamond grains, these abrasive instruments facilitate efficient material reduction while creating a perfect surface finish without dark friction marks.

For optimal results we recommend to use the instruments in the red contra-angle at an optimal speed of 160,000 rpm.





ZD801

REF	ISO		
ZD801	806.314.	014	023



ZD856

REF	ISO	
ZD856	806.314.	018



ZD881

REF	ISO	
ZD881	806.314.	016



ZD379

REF	ISO	
ZD379	806.314.	023



ZD850

REF	ISO	
ZD850	806.314.	016



ZD880CC

REF	ISO	
ZD880CC	806.314.	012

Crown cutter

– =	ISO 524 without ring	105 - 120 µm	U = □	ISO 494 white ring	10 µm	C =	ISO 494 yellow ring	25 µm
G =	ISO 534 green ring	126 - 150 µm	SG =	ISO 544 black ring	180 µm	F =	ISO 494 red ring	46 µm

titanium nitride (TiN) coated instruments



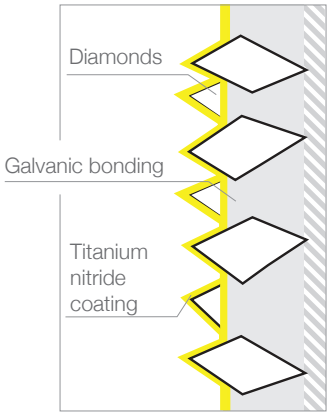
T368

REF	ISO	L mm // 2,2	5,0
T368	806.314. ... .524...		023
■ T368 G	806.314. ... .534...	020	023
■ T368 F	806.314. ... .514...	020	023



T379

REF	ISO	L mm // 4,2
T379	806.314. ... .524...	023
■ T379 G	806.314. ... .534...	023
■ T379 F	806.314. ... .514...	023





T801

REF	ISO		
T801	806.314. ... .524...	014	
■ T801 G	806.314. ... .534...	014	023



T830L

REF	ISO	L mm // 4,0	5,0	5,0	5,0
T830L	806.314. ... .524...	012	014	016	
■ T830L G	806.314. ... .534...	012	014	016	018



T835KR

REF	ISO	L mm // 4,0
T835KR	806.314. ... .524...	012
■ T835KR G	806.314. ... .534...	012



T837KR

REF	ISO	L mm // 8,0
T837KR	806.314. ... .524...	014
■ T837KR G	806.314. ... .534...	014



T847

REF	ISO	L mm // 8,0
■ T847 G	806.314. ... .534...	016



T848

REF	ISO	L mm // 8,0
■ T848 G	806.314. ... .534...	**018**

018 = ↻ max. 160 000 min^{-1}



T850

REF	ISO	L mm // 10,0	10,0	10,0
T850	806.314. ... .524...	012	014	
T850 G	806.314. ... .534...	012	014	016
T850 F	806.314. ... .514...	012		



T855

REF	ISO	L mm // 7,0
T855 G	806.314. ... .534...	025



T856

REF	ISO	L mm // 8,0	8,0	8,0	8,0
T856	806.314. ... .524...			016	018
T856 G	806.314. ... .534...	014	016	018	021



T862

REF	ISO	L mm // 8,0	8,0
T862 G	806.314. ... .534...	012	014
T862 F	806.314. ... .514...	012	



T863

REF	ISO	L mm // 10,0	10,0	10,0
T863 G	806.314. ... .534...	012	014	016
T863 F	806.314. ... .514...	012	014	016



T878

REF	ISO	L mm // 8,0	8,0	8,0
T878	806.314. ... .524...		012	014
T878 G	806.314. ... .534...	010	012	014
T878 F	806.314. ... .514...			014



T878K

REF	ISO	L mm // 8,0	8,0	8,0
T878K	806.314. ... .524...			018
T878K G	806.314. ... .534...	014	016	018



T879

REF	ISO	L mm // 10,0	10,0	10,0
T879	806.314. ... .524...		014	016
T879 G	806.314. ... .534...	012	014	016
T879 F	806.314. ... .514...		014	016



T879K

REF	ISO	L mm // 10,0	10,0
T879K G	806.314. ... .524...	016	018



T880

REF	ISO	L mm // 6,0	6,0
T880 G	806.314. ... .534...	012	014



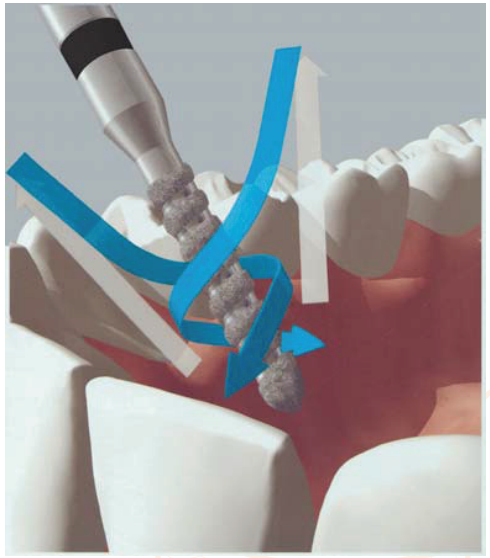
T881

REF	ISO	L mm // 8,0	8,0	8,0
T881	806.314. ... .524...	012		
T881 G	806.314. ... .534...	012	014	016
T881 F	806.314. ... .514...	012	014	016

– = ISO 524 without ring 105 - 120 µm
G = ISO 534 green ring 126 - 150 µm
U = ISO 494 white ring 10 µm
SG = ISO 544 black ring 180 µm
C = ISO 494 yellow ring 25 µm
F = ISO 494 red ring 46 µm

InteC instruments

super-coarse · 180 µm





i368

REF	ISO	L mm // 4,5
■ i368 SG	806.314. ... .544...	018

018 = ↻ max. 300 000 min⁻¹



i850

REF	ISO	L mm // 10,0	10,0
■ i850	806.314. ... .544...	**016**	**018**

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



i855

REF	ISO	L mm // 6,0
■ i855 SG	806.314. ... .544...	016



i856

REF	ISO	L mm // 8,0	8,0	8,0	8,0
■ i856 SG	806.314. ... .544...	014	016	018	**021**

021 = ↻ max. 160 000 min⁻¹



i862

REF	ISO	L mm // 8,0
■ i862 SG	806.314. ... .544...	014



i863

REF	ISO	L mm // 10,0
■ i863 SG	806.314. ... .544...	**014**

014 = ↻ max. 300 000 min⁻¹

i878

REF	ISO	L mm // 8,0	8,0
■ i878 SG	806.314. ... .544...	**012**	014

012 = ↻ max. 300 000 min⁻¹



i879

REF	ISO	L mm // 10,0	10,0	10,0
■ i879 SG	806.314. ... .544...	**012**	**014**	**016**

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



i880

REF	ISO	L mm // 7,0	7,0
■ i880 SG	806.314. ... .544...	012	014

diamond finishing strips



SD25F
SD25M
SD25G



B mm // 2,5

REF	SD25F	SD25M	SD25G
grit	fine	medium	coarse
thickness	0,08 mm	0,10 mm	0,13 mm
length	148 mm	148 mm	148 mm

SD37F
SD37M
SD37G

B

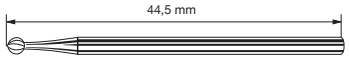
B mm // 3,7

REF	SD37F	SD37M	SD37G
grit	fine	medium	coarse
thickness	0,08 mm	0,10 mm	0,13 mm
length	148 mm	148 mm	148 mm

– = ISO 524 without ring 105 - 120 µm
G = ISO 534 green ring 126 - 150 µm
U = ISO 494 white ring 10 µm
SG = ISO 544 black ring 180 µm
C = ISO 494 yellow ring 25 µm
F = ISO 494 red ring 46 µm

diamond tools
for laboratory application

104 · handpiece



Ø 2,35 mm



801

REF	ISO									
801	806.104.001.524...	008	010	012	014	016	018	021	**023**	027	**033**

023 = ↻ max. 300 000 min⁻¹ **033** = ↻ max. 120 000 min⁻¹



805

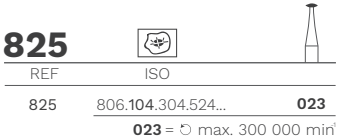
REF	ISO	L mm //	1,5	1,5	1,5	2,3	2,5	2,5	3,0
805	806.104.010.524...		012	014	016	018	021	**025**	027

033 = ↻ max. 120 000 min⁻¹



807

REF	ISO	L mm //	5,0	5,0	6,0
807	806.104.255.524...		018	023	025



825

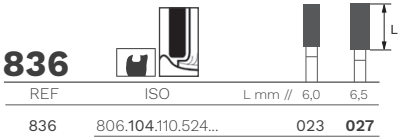
REF	ISO		
825	806.104.304.524...		**023**

023 = ↻ max. 300 000 min⁻¹



835

REF	ISO	L mm //	4,0
835	806.104.107.524...		010



836

REF	ISO	L mm //	6,0	6,5
836	806.104.110.524...		023	**027**

027 = ↻ max. 160 000 min⁻¹



837

REF	ISO	L mm //	8,0	8,0
837	806.104.111.524...		014	016



842R

REF	ISO	L mm //	12,0
842R	806.104.143.524...		018



847

REF	ISO	L mm // 8,0
847	806.104.172.524...	023

023 = ↻ max. 300 000 min⁻¹



848

REF	ISO	L mm // 10,0	9,0
848	806.104.173.524...	016	023

023 = ↻ max. 300 000 min⁻¹



850

REF	ISO	L mm // 10,0	10,0	10,0
850	806.104.199.524...	016	018	023

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



856

REF	ISO	L mm // 8,0	9,0
856	806.104.198.524...	018	033

033 = ↻ max. 300 000 min⁻¹



858

REF	ISO	L mm // 8,0
858	806.104165.524...	014

014 = ↻ max. 300 000 min⁻¹



859

REF	ISO	L mm // 10,0
859	806.104.166.524...	018

018 = ↻ max. 300 000 min⁻¹



862

REF	ISO	L mm // 8,0	8,0
862	806.104.249.524...	016	018



863

REF	ISO	L mm // 10,0	10,0	10,0
863	806.104.250.524...	012	016	025



880

REF	ISO	L mm // 6,0	6,0
880	806.104.140.524...	016	027



896

REF	ISO	L mm // 12,0
896	806.104.260.524...	060

060 = ↻ max. 50 000 min⁻¹

– =	ISO 524 without ring	105 - 120 µm	U = □ ISO 494 white ring	10 µm	C = ISO 494 yellow ring	25 µm
G =	ISO 534 green ring	126 - 150 µm	SG = ■ ISO 544 black ring	180 µm	F = ISO 494 red ring	46 µm

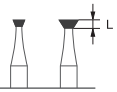
sintered diamonds

7801



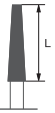
REF	ISO	
7801	807.104.001.524...	018

7805
76805



REF	ISO	L mm // 0,9	1,5
7805	807.104.014.524...	018	029
■ 76805	807.104.014.534...	018	029

7848



REF	ISO	L mm // 12,0
7848	807.104.174.524...	029

7856
76856



REF	ISO	L mm // 8,0	9,5
7856	807.104.198.524...	029	
■ 76856	807.104.198.534...		033

76859



REF	ISO	L mm // 9,0
■ 76859	807.104.166.534...	029

7862



REF	ISO	L mm // 9,0
7862	807.104.243.524...	029

76881



REF	ISO	L mm // 8,0
■ 76881	807.104.141.534...	029

76351



REF	ISO	L mm // 10,0
■ 76351	807.104.263.534...	**050**

050 = ⟳ max. 50 000 min⁻¹

76251

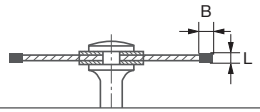


REF	ISO	L mm // 13,0
■ 76251	807.104.274.534...	**060**

060 = ⟳ max. 50 000 min⁻¹

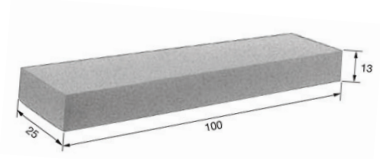


942F



REF	ISO	B mm //	2,0	2,0	2,0
		L mm // 0,17	fine		
■ 942F	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



S1000

REF S1000

Cleaning stone for diamonds

Diamond disc with continuous diamond-coated periphery and round perforations

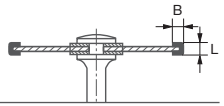
- good vision



Rigid —— coated on both sides

for ceramics

- separating and grinding on both sides
- good vision



910P

REF	ISO	B mm //	1,5
			medium
910P	806.104.332.524...	L mm // 0,60	220

220 = ↻ max. 20 000 min^{-1}

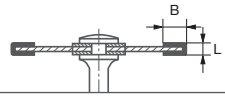
Diamond disc with continuous diamond-coated periphery



Hyperflexible —— coated on both sides

for ceramics

- initial separating and contouring



911HF
911HC

REF	ISO	B mm //	2,0	3,0	3,0
				fine	
911HF	806.104.355.514...	L mm // 0,17	180	200	220
911HC	806.104.355.504...	L mm // 0,10	180	200	220

180 = ↻ max. 25 000 min^{-1} **200** = ↻ max. 20 000 min^{-1} **220** = ↻ max. 20 000 min^{-1}

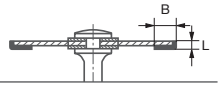
Diamond disc with continuous diamond-coated periphery



Hyperflexible —— coated on the lower side

for ceramics

- initial separating and contouring



911HHF

REF	ISO	B mm //	3,0
			fine
911HHF	806.104.356.514...	L mm // 0,15	220

220 = ↻ max. 20 000 min^{-1}

Diamond disc with oval perforations

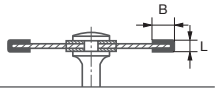
- good vision
- optimal flexibility



Hyperflexible —— coated on both sides

for ceramics and acrylic veneers

- initial separating and contouring



911HPC

REF	ISO	B mm //	3,0
			extra fine
911HPC	806.104.317.504...	L mm // 0,15	220

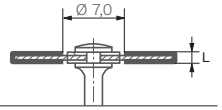
220 = ↻ max. 20 000 min^{-1}

– = ISO 524 without ring 105 - 120 µm
G = ISO 534 green ring 126 - 150 µm
U = ISO 494 white ring 10 µm
SG = ISO 544 black ring 180 µm
C = ISO 494 yellow ring 25 µm
F = ISO 494 red ring 46 µm

Diamond discs coated on both sides

Flexible ——— coated on both sides

for ceramics
- separating and rough contouring



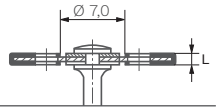
918BF

REF	ISO		fine	
■ 918BF	806.104.345.514...	L mm // 0,30	**200**	**220**
			200 = ↻ max. 20 000 min⁻¹	**220** = ↻ max. 20 000 min⁻¹

Diamond discs coated on both sides with round perforations

Flexible ——— coated on both sides

for ceramics
- round grinding and separating
- contouring



918PB

REF	ISO		fine
■ 918PB	806.104.350.524...	L mm // 0,30	**220**
			220 = ↻ max. 20 000 min⁻¹

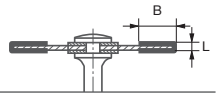
Diamond discs with serrations with a special angle for working in ceramics

these serrations assure
- minimal heat generation
- optimal chip removal
- high cutting efficiency



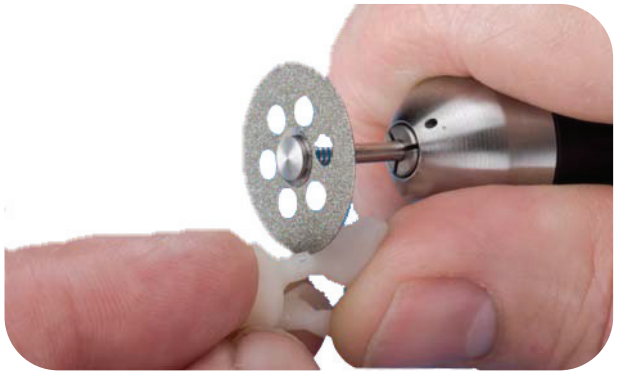
Flexible ——— coated on both sides

for ceramics
- separating



937F

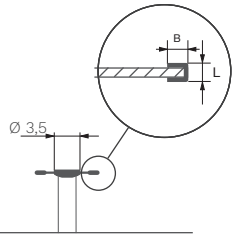
REF	ISO	B mm //	5,0
			fine
■ 937F	806.104. ... .514...	L mm // 0,25	**200**
	clockwise rotation only		**200** = ↻ max. 20 000 min⁻¹



REF 918PB. 104.220

Miniatur — coated on both sides

for ceramics
- fine separating
- shaping in the interdental area
- use disk-guard



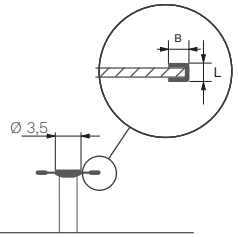
943C

REF	ISO	B mm //	1,0	1,0	1,0
				extra fine	
943C	806.104.361.504...	L mm // 0,15	**065**	**080**	**100**
	806.204.361.504...	L mm // 0,15		**080**	**100**

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

Miniatur — coated on both sides

diamond disks for bone-lid method
- **application:** apicetomy in the molar area, osteoplastic surgery of the maxilar sinus
- use disk-guard



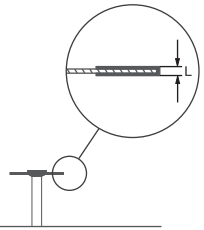
943CH

REF	ISO	B mm //	0,5
943CH	806.204.361.524...	L mm // 0,29	**080**

080 = ↻ max. 35 000 min⁻¹

Miniatur — coated on both sides

for ceramics
- fine separating



945BC

REF	ISO		
			extra-fine
945BC	806.104.362.504...	L mm // 0,15	**100**

100 = ↻ max. 30 000 min⁻¹



Miniature diamond discs for working on ceramics

- due to smaal 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

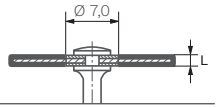
– =	ISO 524 without ring	105 - 120 µm	U = □	ISO 494 white ring	10 µm	C =	ISO 494 yellow ring	25 µm
G =	ISO 534 green ring	126 - 150 µm	SG =	ISO 544 black ring	180 µm	F =	ISO 494 red ring	46 µm

Diamond disc with slots featuring a special angle



Flexible ——— coated on both sides

for ceramics
- rough separating and contouring



982F

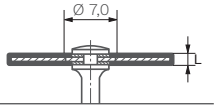
REF	ISO		5,0
			medium
■ 982F	806.104.389.514...	L mm // 0,25	**220**

220 = ↻ max. 20 000 min^{-1}

Diamond disc with curved perforations

Hyperflexible —— coated on both sides

for ceramics
- rough separating and contouring



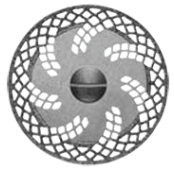
983C

REF	ISO	B mm //	2,0
			extra fine
■ 983C	806.104.401.504...	L mm // 0,10	**220**

clockwise rotation only

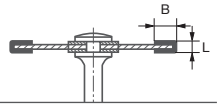
220 = ↻ max. 20 000 min^{-1}

Spiral reinforced meshed disc



Flexible ——— coated on both sides

for ceramics and plastics
- rough separating and contouring



990

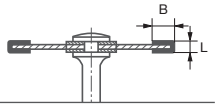
REF	ISO	B mm //	3,0	3,0
			medium	
■ 990	806.104.	L mm // 0,27	**180**	**220**

180/220 = ↻ max. 20 000 min^{-1}

Spiral reinforced meshed disc

Flexible ——— coated on both sides

for plaster
- rough separating and contouring



990

REF	ISO	B mm //	3,0
			medium
■ 990	806.104.	L mm // 0,25	**400**

400 = ↻ max. 20 000 min^{-1}

tungsten carbide

Burs


ROUND


PEAR


CYLINDER ROUND


TAPERED ROUND


INVERTED CONE


CYLINDER


TAPERED


CYLINDER, END CUTTING ONLY

Crown Cutters


CYLINDER ROUND


TAPERED ROUND

Amalgam Remover


CYLINDER ROUND

Adhesive Remover


CYLINDER ROUND

Fishing Instruments


ROUND


FLAME


TAPERED ROUND


EGG


B FISHING INSTRUMENTS


BUD


POINTED


TORPEDO


GRENADE


PEAR


NEEDLE-SHAPED


TORPEDO TAPERED


DF FINISHED INSTRUMENTS

Surgical Instruments


ROUND


CYLINDER


TAPERED


TAPERED ROUND

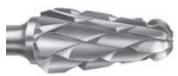

BONE CUTTER

Intra-oral work on Titanium





Tungsten Carbide Cutters





Milling Technique





Auxiliaries



overview

30 burs
33 crown cutter
35 finishing instruments
38 DF finishing instruments
39 B finishing instruments
40 intra-oral work on titanium
42 surgical instruments
44 bone cutters

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).

burs



CB1

REF	ISO	US No. //			1/4	1/2	-	1	-	2	3	4	5	6	7	8	
CB1	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	027
	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}



CB1S

REF	ISO										
CB1S	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...	008	010	012	014	016	018	021	**023**		

023 = ↻ max. 300 000 min^{-1}



CB1SN

REF	ISO									
CB1SN	500.**204**.001.003...	010	012	014	016	018	021	023	027	029
	500.**205**.001.003...	010		014		018		023		

↻ max. 100 000 min^{-1}

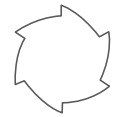


CB1SX

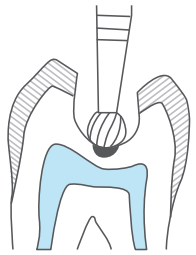
REF	ISO									
CB1SX	500.**204**.001.XXX...	010	012	014	016	018	021	023	025	027	029



Cross section of the **CB1S**



Cross section of the **CB1SX**



Excavating with the **CB1S** / **CB1SX**

CB2

REF	ISO	L mm //	0,5	0,9	1,1	1,2	1,4	1,6	1,8
		US No. //	33$^{1/2}$	34	35	36	37	38	
CB2	500.**204**.010.001...			008	010	012	014	016	018
	500.**314**.010.001...		006	008	010	012	014	016	018

CB30

REF	ISO	L mm //	0,5	0,9	1,0	1,1	1,2	1,4	1,6	1,8
		US No. //	L33$^{1/2}$	L34	L34$^{1/2}$	L35	L36	L37	L38	L39
CB30	500.**104**.010.175...		006	008	009	010	012	014	016	018



CB7

REF	ISO	L mm //	1,2	1,6	1,7	1,7	1,8
		US No. //	329	330	-	331	332
CB7	500.204.232.001...			008		010	
	500.314.232.001...		006	008	009	010	012



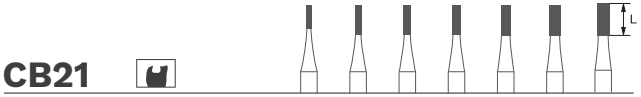
CB7L

REF	ISO	L mm //	3,8	4,2
		US No. //	331L	332L
CB7L	500.314.234.006...		010	012



CB7SM

REF	ISO	L mm //	2,7
■ CB7SM	500.314. XXX		009



CB21

REF	ISO	L mm //	3,4	4,2	4,2	4,2	4,4	4,4	4,4
		US No. //	55	56	57	58	59		
CB21	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	014		



CB21L

REF	ISO	L mm //	5,2	6,0	6,0	6,0
		US No. //	56L	57L	58L	59L
CB21L	500.104.110.006...		009	010	012	014
	500.314.110.006...			010	012	014



CB21MX

REF	ISO	L mm //	4,2
		US No. //	558E
CB21MX	500.104.107.019...		012



CB21R

REF	ISO	L mm //	4,2	4,2
		US No. //	1157	1159
CB21R	500.104.137.006...		010	014
	500.314.137.006...		010	014



CB23

REF	ISO	L mm //	3,4	4,2	4,2	4,2
		US No. //	168	169	170	171
CB23	500.104.168.006...		008		010	012
	500.314.168.006...			009	010	012



CB23L

REF	ISO	L mm //	5,2	6,0	6,0	6,0
		US No. //	169L	170L	171L	172L
CB23L	500.104.171.006...		008	010	012	
	500.314.171.006...		009	010	012	016



CB23R

REF	ISO	L mm //	4,2	4,2	4,4
		US No. //	1170	1171	1172
CB23R	500.104.194.006...		010	012	016
	500.204.194.006...		010	012	016
	500.314.194.006...		010	012	016



CB23 RMX

REF	ISO	L mm //	4,2
CB23RMX	500.104.196.019...		010



CB23RS

REF	ISO	L mm //	4,2	4,2	4,4
CB23RS	500.104.194.006...		008	009	010
	500.304.194.006...			009	



CB249M

REF	ISO	L mm //	2,7
CB49M	500.314. XXX		007



CB31

REF	ISO	L mm //	3,4	4,2	4,2	4,4	4,4
		US No. //	555	557	558	559	560
CB31	500.104.107.007...		008	010	012	014	016
	500.204.107.007...			010	012		
	500.314.107.007...			010	012	014	



CB31L

REF	ISO	L mm //	6,0	6,0	6,0
		US No. //	557L	558L	559L
CB31L	500.104.110.007...		010	012	014
	500.314.110.007...		010	012	



CB31R

REF	ISO	L mm //	4,2	4,2
		US No. //	1557	1558
CB31L	500.104.110.007...		010	
	500.314.110.007...		010	012



CB31RS

REF	ISO	L mm //	4,2	4,2
■ CB31RS	500.314.137.297...		010	012

CB349

laboratory

REF	ISO	L mm //	2,7
CB349	500.104.195.072...		005



CB33

REF	ISO	L mm //	4,2	4,2	4,2	4,4	4,8
		US No. //	699	700	701	702	703
CB33	500.104.107.007...		009	010	012	016	**021**
	500.204.107.007...			010	012	016	
	500.204.107.007...		009	010	012	016	**021**

021 = ↻ max. 300 000 min⁻¹



CB33L

REF	ISO	L mm //	5,2	6,0	6,0	6,0	7,5
		US No. //	699L	700L	701L	702L	703L
CB33L	500.104.171.007...		009	010	012	016	021
	500.314.171.007...		009	010	012		



CB33R

REF	ISO	L mm //	4,2	4,2	4,4
		US No. //	1700	1701	1702
CB33R	500.104.194.007...		010	012	
	500.314.194.007...			012	016



CB59

REF	ISO	L mm //	2,5
CB59	500.313. XXX		010
	500.314. XXX		010



CB97

REF	ISO	
CB97	500.104.468.373...	010
	500.314.468.373...	010



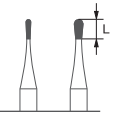
CB99

REF	ISO	L mm //	1,2
CB99	500.104.162.384...		008
	500.314.162.384...		008



CB207

REF	ISO	US No. //	957
CB207	500.314.150.001...		010



CB245

REF	ISO	L mm //	2,8	2,8
		US No. //	245	
CB245	500.314.233.006...		008	014

crown cutter

the all-rounder



CB5TR multifunctional

REF	ISO	L mm // 3,5	3,5
CB5TR	500.314.194.XXX...	012	014

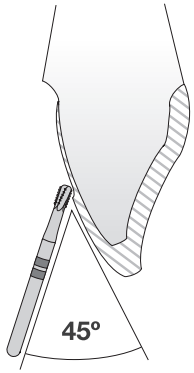
low fusion ceramic veneers and all conventional metal alloys



CB17 classic

REF	ISO	L mm // 2,2	2,6	3,0
CB17	500.314.237.293...	009	010	012

gold colored instruments





CB34 turbo

REF	ISO	L mm // 2,0	2,0
CB34	500.314.138.293...	010	012

gold colored instruments



CB34L turbo-L

REF	ISO	L mm // 3,5
CB34L	500.314.139.293...	012

gold colored instruments



CB35C economic

REF	ISO	L mm // 4,2	4,2
CB35C	500.314.	010	012

gold colored instruments



CB37R multifunctional

REF	ISO	L mm // 4,2	4,2
CB37R	500.314.137.293...	010	012

gold colored instruments



CB40AG aggressiv

REF	ISO	L mm // 4,0
CB40AG	500.314.139.008...	012

also available as a set.



100494 contents

REF		CB40 AG	ABB 15
ISO	500.314.	139.008 012	
		10	1



100494

crown cutter

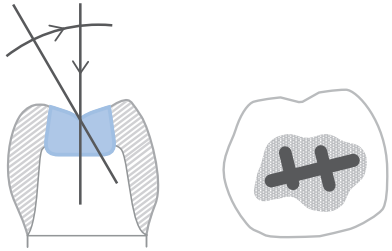
disposable crown cutter



100461 contents

REF		CBR31S
ISO	500.314.	137.292 012
		100

amalgam remover





CB21 RMX

REF	ISO	L mm // 4,2
		US No. // 1158
CB21RMX	500.314.137.006...	012

gold-colored instruments

adhesive remover



CB27

REF	ISO	L mm // 4,7
CB27	500.204.194.XXX...	016



finishing instruments



CF41

REF	ISO	US No. //	7004	7006	7008	7009
CF41	500.**204**.001.071...		014	018	023	027
	500.**314**.001.071...		014	018	**023**	

023 = ↻ max. 300 000 min^{-1}



CF46

REF	ISO	L mm //	3,5	3,5	3,8	4,6
		US No. //	7102	7104	7106	7108
CF46	500.**204**.254.072...				018	
	500.**314**.254.072...		012	014	018	**023**

023 = ↻ max. 300 000 min^{-1}



CF47L

REF	ISO	L mm //	4,2	4,4
		US No. //	7303	7304
CF47L	500.**314**.234.072...		012	014



CF132
CF132F
CF132UF

REF	ISO	L mm //	3,0	3,0	3,0
		blades //	8	16	30
CF132	500.**314**.699.071...		**008**		
■ CF132 F	500.**314**.699.041...	fine	**008**		
□ CF132 UF	500.**314**.699.031...	ultra-fine	**008**		

008 = ↻ max. 300 000 min^{-1}



CF48L

REF	ISO	L mm //	8,0	8,0
CF48L	500.**314**.249.072...		**010**	**012**

010 / 012 = ↻ max. 300 000 min^{-1}



CF133
CF133F
CF133UF

REF	ISO	L mm //	4,2	4,2	4,2
		blades //	8	16	30
CF133	500.**314**.159.071...		010		
■ CF133 F	500.**314**.159.041...	fine	010		
□ CF133 UF	500.**314**.159.031...	ultra-fine	010		



CF134
CF134F
CF134UF

REF	ISO	L mm //	6,0	6,0	6,0
		blades //	8	16	30
CF134	500.**314**.164.071...		014		
■ CF134 F	500.**314**.164.041...	fine	014		
□ CF134 UF	500.**314**.164.031...	ultra-fine	014		



CF135
CF135F
CF135UF

REF	ISO	L mm //	9,0	9,0	9,0
		blades //	8	16	30
CF135	500.**314**.166.071...		014		
■ CF135 F	500.**314**.166.041...	fine	014		
□ CF135 UF	500.**314**.166.031...	ultra-fine	014		

↻ max. 300 000 min^{-1}



CF246

REF	ISO	L mm //	3,6	3,6	3,6
		US No. //	7901	7902	7903
CF246	500.204.496.071...		009		
	500.314.496.071...		009	010	012



CF246UF

REF	ISO	L mm //	3,6
□ CF246 UF	500.314.496.031...	ultra-fine	009



CF247

REF	ISO	L mm //	3,2
		US No. //	7801
CF247	500.314.195.071...		009



CF247F

REF	ISO	L mm //	3,2
■ CF247 F	500.314.195.041...		009



CF282

REF	ISO	L mm //	6,0	6,0
CF282	500.314.288.072...		010	012



CF282K

REF	ISO	L mm //	6,0	6,0
CF282K	500.204.297.072...		014	016
	500.314.297.072...		014	



CF283

REF	ISO	L mm //	8,0	8,0	8,0
CF283	500.204.289.072...			012	
	500.314.289.072...		010	012	014

010 / 012 / 014 = ⟳ max. 300 000 min⁻¹



CF283K

REF	ISO	L mm //	8,0
CF283K	500.204.298.072...		016
	500.314.298.072...		016



CF283MX

REF	ISO	L mm //	8,0
CF283MX	500.104.289.080...		012
	500.314.289.080...		012

012 = ⟳ max. 300 000 min⁻¹



CF284

REF	ISO	L mm // 10,0
CF284	500.314.290.072...	**014**

014 = ↻ max. 300 000 min⁻¹



CF375R

REF	ISO	L mm //	8,0	8,0	8,0	8,0
		US No. //	7653	7664	7675	7686
CB375R	500.314.198.072...		**012**	**014**	016	018

012 / 014 = ↻ max. 300 000 min⁻¹



CF379

REF	ISO	L mm //	3,1	3,5	4,2
		US No. //	7404	7406	7408
CB379	500.204.277.072...		014	018	023
	500.314.277.072...		014	018	**023**

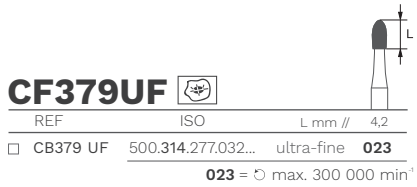
023 = ↻ max. 300 000 min⁻¹



CF379F

REF	ISO	L mm //	4,2
■ CB379 F	500.314.277.042...	fine	**023**

023 = ↻ max. 300 000 min⁻¹



CF379UF

REF	ISO	L mm //	4,2
□ CB379 UF	500.314.277.032...	ultra-fine	**023**

023 = ↻ max. 300 000 min⁻¹



CF379GK

REF	ISO	L mm //	3,1
□ CB379 GK	500.314.279.072...	ultra-fine	**014**



CF390

REF	ISO	L mm //	3,5
CB390	500.104.274.072...		016
	500.204.274.072...		016
	500.314.274.072...		016



CF390UF

REF	ISO	L mm //	3,5
□ CB390 UF	500.314.274.032...		016



CF284K

REF	ISO	L mm // 10,0
CF284K	500.314.299.072...	**018**

018 = ↻ max. 300 000 min⁻¹

CF297

REF	ISO	L mm // 8,0
CF297	500.314.158.072...	**012**

012 = ↻ max. 300 000 min⁻¹

DF finishing instruments



CF216DF

REF	ISO	L mm //	6,0
CB216DF	500.314. XXX . XXX...		018



CF217DF

REF	ISO	L mm //	10,0
CB217DF	500.314. XXX . XXX...		021



DF finishing instruments for shaping the crown core

- fine diamond toothing on the peripheral surface
- better cement retention due to controlled surface roughening with a defined roughness pf 5 - 8 µm
- smooth crown margin for perfect marginal seal



CF283DF

REF	ISO	L mm //	8,0	8,0
CB283DF	500.314. XXX . XXX...		012	014



CF284DF

REF	ISO	L mm //	10,0	10,0
CB284DF	500.314. XXX . XXX...		012	014



CF340DF

REF	ISO	L mm //	6,0	6,0
CB340DF	500.314. XXX . XXX...		016	020



CF341DF

REF	ISO	L mm //	10,0	10,0
CB341DF	500.314. XXX . XXX...		018	023



CF375RDF

REF	ISO	L mm //	8,0
CB375RDF	500.314. XXX . XXX...		018

B finishing instruments



CF48LB

REF	ISO	L mm //	8,0
■■ CF48LB	500.314. XXX . XXX...		012

max. 300 000 min^{-1}



CF246B

REF	ISO	L mm //	3,7
■■ CF246B	500.314. XXX . XXX...		009

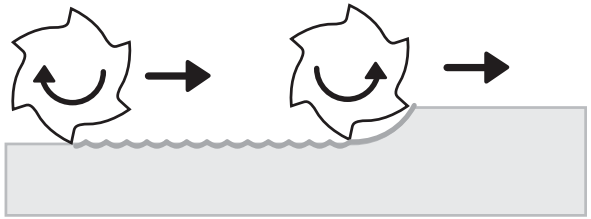
max. 300 000 min^{-1}



CF379B

REF	ISO	L mm //	4,2
■■ CF379B	500.314. XXX . XXX...		023

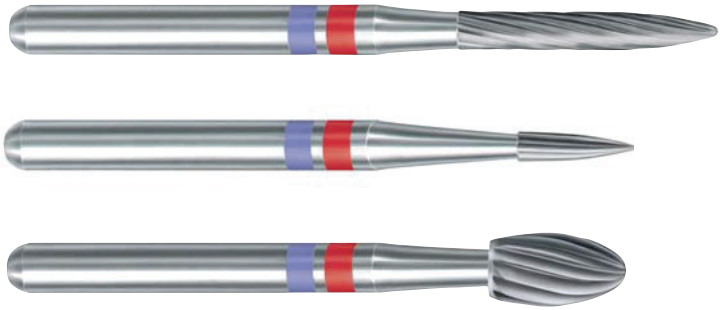
max. 300 000 min^{-1}



Most advanced production technologies - finishing instruments with combined toothing for working on plastic materials

Multifunctional use

- the combination finishing instruments for right-hand and left-hand rotation make it possible to trim and finish with only one instrument.



intra-oral work on titanium



We have developed new special tungsten carbide instruments for intra-oral corrections on titanium. (CB856G.314.018, CB847KRG.314.018).These are particulary suitable for effective work on titanium and should be followed by a final finishing step with a matching finisher (CF336.314.018, CF375R.314.018).

The advantages at a glance:

- coarse toothing with cross-cut, specially developed for intra-oral preparation of titanium
- allows treatment of though materials without clogging
- practice orientated shapes for preparation of abutments
- matching finishers available



586G

REF	ISO	L mm //	8,0
■ CB586G	500.**314**. XXX . XXX...		018

max. 450 000 min^{-1}



CB847KRG

REF	ISO	L mm //	8,0
■ CB847KRG	500.**314**. XXX . XXX...		018

max. 450 000 min^{-1}



CF375R

REF	ISO	L mm //	8,0
CF375R	500.**314**.198072...		018

max. 450 000 min^{-1}



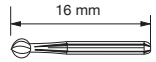
CF336

REF	ISO	L mm //	8,0
■ CF336	500.**314**.546072...		018

max. 450 000 min^{-1}

surgical instruments

316 · FG extra-long



Ø 1,60 mm



CB1

REF	ISO	US No. //	2	3	4	5	6	8
CB1	500.316.001.001...		**010**	**012**	**014**	**016**	**018**	**023**

010-023 = ↻ max. 100 000 min⁻¹



CB31

REF	ISO	L mm //	4,2	4,2	4,2
		US No. //	557	558	599
CB31	500.316.107.007...		**010**	**012**	**014**

010 / 012 / 014 = ↻ max. 300 000 min⁻¹



CB33

REF	ISO	L mm //	4,2	4,4
		US No. //	701	702
CB33	500.316.168.007...		**012**	**016**

012 / 016 = ↻ max. 300 000 min⁻¹



CB33L

REF	ISO	L mm //	6,0
		US No. //	700xL
CB33L	500.316.171.007...		**010**

010 = ↻ max. 300 000 min⁻¹



CB33R

REF	ISO	L mm //	4,2
		US No. //	1702
CB33R	500.316.194.007...		**016**

016 = ↻ max. 300 000 min⁻¹



CB254

REF	ISO	L mm //	6,0
		US No. //	700xxL
CB254	500.314.415.296...		**010**
	500.316.415.296...		**010**

010 = ↻ max. 80 000 min⁻¹



CB141

REF	ISO											
CB141	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



CB141A

REF	ISO									
CB141A	500.**104**.001.298...	010	014	018	023	027	031	035	**040**	**050**
	500.**205**.001.298...		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

bone cutters



CB161

REF	ISO	L mm // 9,0 D Ø // 011
CB161	500.**104**.408.295...	**016**
	500.**314**.408.295...	**016**

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



CB162

REF	ISO	L mm // 9,0 D Ø // 011
CB162	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



CB162A

REF	ISO	L mm // 9,0 D Ø // 011
CB162A	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



CB163A

REF	ISO	L mm // 5,0 D Ø // 009
CB163A	500.**104**.408.298...	**014**
	500.**204**.408.298...	**014**

max. 100 000 min⁻¹



CB166

REF	ISO	L mm // 10,0 D Ø // 015
CB166	500.**104**.409.297...	**021**
	500.**204**.409.297...	**021**
	500.**205**.409.297...	**021**

max. 100 000 min⁻¹



CB166A

REF	ISO	L mm // 10,0 D Ø // 015
CB166A	500.**104**.409.298...	**021**
	500.**204**.409.298...	**021**
	500.**205**.409.298...	**021**

max. 100 000 min⁻¹



CB167

REF	ISO	L mm // 11,0 D Ø // 016
CB167	500.**104**.410.297...	**023**

max. 100 000 min⁻¹



CB255A

REF	ISO	L mm // 6,0
CB255A	500.**314**.415.298...	**012**
	500.**316**.415.298...	**012**

max. 100 000 min⁻¹



CB267

REF	ISO	L mm // 9,0
CB267	500.**314**.210.295...	**016**

max. 160 000 min⁻¹



CB269

REF	ISO	L mm // 11,0
CB269	500.**314**.199.295...	**016**

max. 160 000 min⁻¹



CB269GK

REF	ISO	L mm // 9,0
CB269GK	500.**314**.219.295...	**016**

max. 160 000 min⁻¹



CB 255 A

polishers



overview

45 - UNIVERSAL - set RE.RA 101
46 - DIAPOL - set RE.RA 305
47 - ECOCOMP - set RE.RA 210
48 - ECOCERAM - set RE.RA 160
49 - BRACKET - set RE.RA 430
50 - DIAPOL - DTW14

UNIVERSAL

OrthoPorcelain, Composite, Precious Metal, Amalgamdontics, Debonding



set RE.RA 101

Item No.: 9070

8 / pieces

For smoothing all dental materials
Soft silicone bonding adapts to the surface being processed
Silicon carbide abrasive

1 Smoothing



medium

7.000 – 10.000 min^{-1}
max. 20.000 min^{-1}

W11	W1	W2	W2B	Item:
1081	1071	1072	1092	Item No.:
3 x 7,5	5,5 x 15	4,5 x 12	5 x 10	Dimensions (mm):



fine

7.000 – 10.000 min^{-1}
max. 20.000 min^{-1}

W5	W7	W8	W9	Item:
1075	1077	1078	1079	Item No.:
9 x 8,5	7 x 10	11 x 2	11 x 2,5	Dimensions (mm):

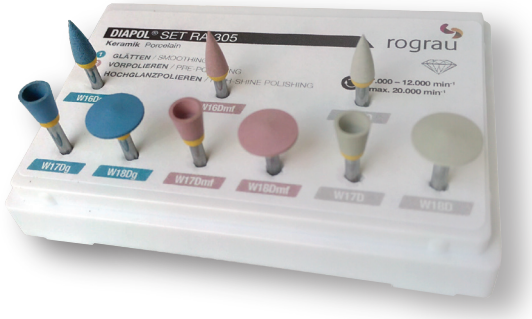
DIAPOL ®

Porcelain

set RE.RA305

Item No.: 9077

9 / pieces



3-step polishing system
for all porcelain materials

Diamond grit for highest e ciency

Surface corrections without
additional glazing

1. Smoothing
2. Pre-polishing
3. High-shine polishing



coarse

7.000 – 12.000 min^{-1}
max. 20.000 min^{-1}

W16Dg	W17Dg	W18Dg	Item:
7086	7087	7088	Item No.:
4 x 10	6 x 7,5	10 x 2,5	Dimensions (mm):



medium

7.000 – 12.000 min^{-1}
max. 20.000 min^{-1}

W16Dmf	W17Dmf	W18Dmf	Item:
7186	7187	7188	Item No.:
4 x 10	6 x 7,5	10 x 2,5	Dimensions (mm):



fine

7.000 – 12.000 min^{-1}
max. 20.000 min^{-1}

W16D	W17D	W18D	Item:
7286	7287	7288	Item No.:
4 x 10	6 x 7,5	10 x 2,5	Dimensions (mm):

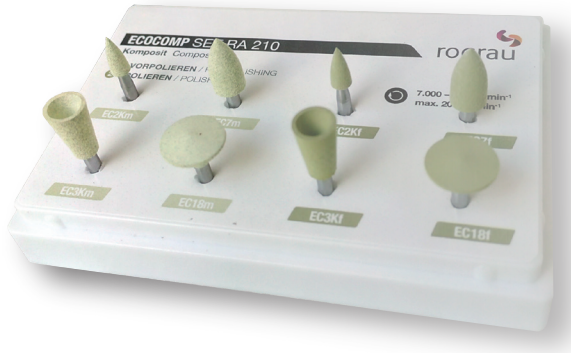
ECOCOMP

Composite

set RE.RA210

Item No.: 9071

8 / pieces



For efficient polishing of composite surfaces
Silicon carbide grit
Hard bonding for high durability

1 Pre-polishing 2 Polishing



medium

7.000 – 10.000 min^{-1}
max. 20.000 min^{-1}

	EC2Km	EC3Km	• EC7m	EC18m	
Item:	5172	5173	5177	5188	
Item No.:	3 x 6	6,5 x 9,5	5 x 10	10 x 2,5	
Dimensions (mm):					

• sold separately

EC7m 10 / pieces

EC7f 10 / pieces

EC3Kf 10 / pieces



fine

7.000 – 10.000 min^{-1}
max. 20.000 min^{-1}

	EC2Kf	• EC3Kf	• EC7f	EC18f	
Item:	5272	5273	5277	5288	
Item No.:	3 x 6	6,5 x 9,5	5 x 10	10 x 2,5	
Dimensions (mm):					

ECOCERAM

Porcelain

set RE.RA160

Item No.: 9076

6 / pieces

For finishing and polishing porcelain restorations
Silicone bonding adapts to the surface being processed
Silicon carbide abrasive

1 Smoothing 2 Pre-polishing 3 Polishing





coarse

7.000 – 15.000 min^{-1}
max. 25.000 min^{-1}

W2BVK	W7VK	Item:
1592	1577	Item No.:
5 x 10	7 x 10	Dimensions (mm):



medium

7.000 – 15.000 min^{-1}
max. 25.000 min^{-1}

W2BVK	W7VK	Item:
1692	1677	Item No.:
5 x 10	7 x 10	Dimensions (mm):



fine

7.000 – 15.000 min^{-1}
max. 25.000 min^{-1}

W2BSK	W7SK	Item:
1792	1777	Item No.:
5 x 10	7 x 10	Dimensions (mm):

BRACKET

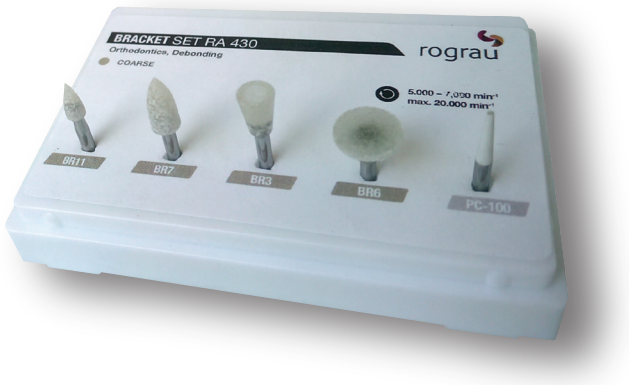
Orthodontics, Debonding

set RE.RA430

Item No.: 9079

5 / pieces

For removal of remnants after debonding
Does not harm the enamel
Subsequent tooth cleaning with Prophy TWIST (S. 39)





coarse

5.000 – 7.000 min^{-1}
max. 20.000 min^{-1}

PC-100	• BR11	• BR3	BR6	• BR7	Item:
8800	5381	5373	5376	5377	Item No.:
2,35 x 9	3 x 7,5	6 x 7,5	10 x 0,7	5 x 10	Dimensions (mm):

• sold separately

BR11 10 / pieces

BR3 10 / pieces

BR7 10 / pieces

DIAPOL®

Porcelain

Polishing system for all porcelain materials
Diamond grit for highest efficience
Surface corrections without additional glazing



1 / piece
coarse
7.000 – 12.000 min^{-1}
max. 20.000 min^{-1}

DT-W14Dg	Item:
7084	Item No.:
14 x 1,6	Dimensions (mm):



1 / piece
medium
7.000 – 12.000 min^{-1}
max. 20.000 min^{-1}

DT-W14Dmf	Item:
7184	Item No.:
14 x 1,6	Dimensions (mm):



1 / piece
fine
7.000 – 12.000 min^{-1}
max. 20.000 min^{-1}

DT-W14D	Item:
7284	Item No.:
14 x 1,6	Dimensions (mm):