



RUBY 
ROTARY BOUTIQUE

Company Profile

Ruby is a privately owned Manufacturer of high quality, highly specialized electroplated Diamond tools.

Our advanced manufacturing methods and strict quality control process keep us placed at the very forefront of technology in the dental world at any given moment.

A Tradition Of Innovation

In order to maintain our technological edge in the marketplace, we carry long standing relationships and many ongoing collaborations with selected Universities and Faculties, leading doctors and institutions from across the globe.

Master The Elements Of Your Trade

We live and breathe our industry. We identify the modern trends and challenges our clients are faced with every day and offer the most accurate, specialized and comprehensive tool selection, with numerous possible applications assuring that our customers are best equipped for any task.

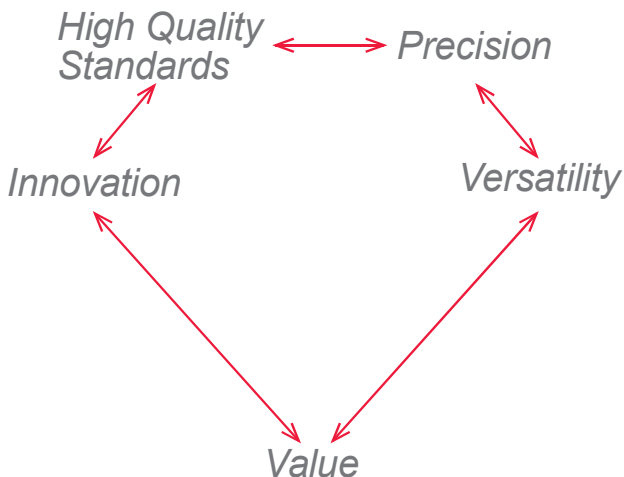
A True Passion For Precision

At Ruby, we continuously introduce new products as well as improvements to our wide range of existing products. Our products are sold in over 60 countries worldwide.

Ruby also offers a comprehensive line of rotary instruments including Diamond burs, Carbide burs, polishers, brushes, discs and more.

Setting Industry Standards And Raising The Benchmark On Quality

Ruby products hold up to the highest industry standards as we strive for perfection in everything we do. We operate under the ISO 9001, ISO 14001, and ISO 13485 quality systems and our dental tools meet rule 93/42 EU and are CE certified.



FG Diamond Burs***4******Cera-Burs******22******Gold Line******23******Sterilized Diamond Burs******25******Bur Kits******27******Tungsten Carbide******40******Polishing Products******52******Laboratory Products******63******Bur Blocks******69******Instruction For Use******70***

FG Diamond Burs

The quality which makes us who we are.

At Ruby we take exceptional pride in our non-compromising quality control process. As a result, our FG Burs meet and surpass the industry's most rigorous and demanding standards.

Each and every one of our burs is microscopically tested as part of our strict quality control policy.

This meticulous, costly process is deeply rooted in our company's DNA. It allows us to offer our clients a product to meet the highest expectations, made to clinical precision of unparalleled reliability.

We use top quality stainless steel blanks, all hardened, turned and ground for maximum precision and minimum vibration.



Cavity preparation



Preparation of palatal areas



Crown and bridge preparation



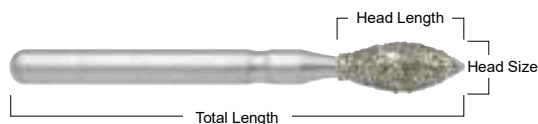
Separation



Occlusal reduction



Depth cutting



Egg/Football



Code	368-023	International shape: shape - head size
ISO No.	257-023	
Head Size	023	1/10 mm
Head Length	5.3	mm
Total Length	20	mm
S. Fine	Yellow arrow	
Fine	Red arrow	
Medium	Blue arrow	
Coarse	Green arrow	
S. Coarse	Black arrow	

ISO No.:

This is the short ISO number.
The long one is combined of 5 groups:

806	314	257	534	023
Type	Length	Shape	Grit	Head size

Diamond ISO length:

- 313 – FG Short shank – smaller than 18 mm
- 314 – FG Standard shank – 18-20 mm
- 315 – FG Long shank – 20-23 mm
- 316 – FG Extra-Long shank – 23 mm and up
- 204 – RA Standard shank – 22 mm
- 104 – HP Standard shank – 44,5-48,5 mm

Icon	Description	μ	ISO
	Extra extra fine burs marked with purple colour ring	15μ	494
	Super fine burs are marked with yellow colour ring	30μ	504
	Fine burs are marked with red colour ring	50μ	514
	Medium burs are neutral.	107-120μ	524
	Coarse burs are marked with green colour ring	150-180μ	534
	Super Coarse burs are marked with black colour ring	180-250μ	544

All sizes are in mm. All drawings are 1:1. All measurements are for reference only.

FG Diamond Reference Guide

Code	Profile	Shape	ISO	Page
Barrel		811, 811L, 811R,	038, 038R, 039	7
Composite Finishing Burs		Selection of Composite finishing burs		17
Cylinder Rounded Shoulder		835KR, 836KR, 837KR, 881KS	146, 156, 157, 158	10
Depth Cutting		834	552	19
Depth Marker		828		19
Double Inverted Cone		806, 813	019, 032	7
Egg/Football		368, 369, 379	243, 257, 277	9
End Cutting		839, 840	150	18
Endo Access		802L	494	20
Flame		390, 860, 861, 862, 863	247, 248, 249, 250, 254, 297, 298	24
Flat End Cylinder		835, 836, 837	108, 109, 110, 111	23
Flat End Taper		845, 846, 847, 848	169, 170, 171, 172, 173	25
Gingival Curettage		877K, 878K, 879K	297, 298	14
Gross Reduction		651, 652, 654, 655	511, 512, 513, 517, 519	8
Inter Proximal		392	465	9
Inverted Cone		805, 807	010, 225	7
Knife Edge		825	304	8
Minimal Invasive Burs		801, 830	008, 009, 010, 012, 014, 016	20

Code	Profile	Shape	ISO	Page
Needle		852, 858, 859, 859L, 889	160, 170, 171, 172, 173	13
Occlusal		901R, 905R		19
Orthodontic Burs		465, 852, 858	164, 165, 833	21
Pear		830, 830L	237, 238, 239	8
Periodontic Burs		839L, 849	150L, 196	21
Pointed Cylinder		884, 885, 886	129, 130, 131	15
Round		801	001	6
Round + Neck		802	002	6
Surgical Length Round		801L, 801XL	001(316)	7
Round End Cylinder		838, 881	139, 141	10
Round End Taper		849, 850, 850L, 855, 855L, 856, 856L	196, 197, 198, 199	10
Round Wheel		909	066, 067, 068	8
Safe End		851	220	18
Safe End - Guide Pin		998	508	18
Separation		889	169, 540	15
Short Shank Diamond Burs		Selection of short shank burs		16
Specials - Cool Cut		T368, T850, T855, T856L, T862, T863	T197, T199, T249, T257	18
Taper Rounded Shoulder		845KR, 846KR, 847KR	544, 545, 546	11
Torpedo Cylinder		877, 878, 879	288, 289, 290	15
Wheel		818	041, 042	16
X-Mas Tree		852	164, 165, 166, 540	13

Round

										
Code	801-008	801-009	801-010	801-012	801-014	801-016	801-018	801-022	801-032	801-050
ISO No.	001-008	001-009	001-010	001-012	001-014	001-016	001-018	001-022	001-032	001-050
Head Size	008	009	010	012	014	016	018	022	032	050
Head Length										
Total Length	19	19	19	19	19	19	19	19	19	18
S. Fine										
Fine										
Medium										
Coarse										
S. Coarse										

Round RA

	
Code	801-050
ISO No.	001-050
Head Size	047
Head Length	
Total Length	22
S. Fine	
Fine	
Medium	
Coarse	
S. Coarse	

Round + Neck

							
Code	802-009	802-012	802-014	802-016	802-018	802-022	802-032
ISO No.	002-009	002-012	002-014	002-016	002-018	002-022	002-032
Head Size	009	012	014	016	018	022	032
Head Length	2.3	2.5	2.7	2.3	3.1	3.5	4.5
Total Length	19	19	19	19	19	19	19
S. Fine							
Fine							
Medium							
Coarse							
S. Coarse							

Extra Long Surgical

			
Code	801XL-014	801XL-018	801XL-022
ISO No.	001-014	001-018	001-022
Head Size	014	018	022
Head Length			
Total Length	28	28	28
S. Fine			
Fine			
Medium			
Coarse			
S. Coarse			

Extra Long Surgical



Surgical Length Round

					
Code	801L-012	801L-014	801L-018	801L-022	801L-032
ISO No.	001-012	001-014	001-018	001-022	001-032
Head Size	012	014	018	022	032
Head Length					
Total Length	24	24	24	24	24
S. Fine					
Fine					←
Medium	←	←	←	←	←
Coarse	←	←	←	←	←
S. Coarse		←	←	←	←

Inverted Cone

								
Code	805-009	805-012	805-014	805-016	805-018	807-014	807-016	807-018
ISO No.	010-009	010-012	010-014	010-016	010-018	225-014	225-016	225-018
Head Size	009	012	014	016	018	014	016	018
Head Length	0.9	1.3	1.5	1.4	1.6	3	4	5
Total Length	19	19	19	19	19	19	19	19
S. Fine					←			←
Fine			←	←	←	←		←
Medium	←	←	←	←	←	←	←	←
Coarse	←	←	←	←	←	←	←	←
S. Coarse								

Double Inverted Cone

								
Code	806-009	806-012	806-014	813-014	813-016	806-016S	806-016	813-018
ISO No.	019-009	019-012	032-014	032-014	032-016	032-016	019-016	032-018
Head Size	009	012	014	014	016	016	016	018
Head Length	2.5	3	2	1.3	1.3	2.5	3	2.1
Total Length	18.5	19	19	19	16	19	19	17
S. Fine								
Fine								
Medium	←	←	←	←	←	←		←
Coarse	←	←	←	←	←	←	←	←
S. Coarse								

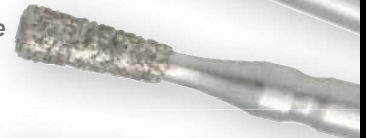
Barrel

				
Code	811-033	811R-033	811-037	811L-037
ISO No.	038-033	038R-033	038-037	039-037
Head Size	033	033	037	037
Head Length	5.5	5.5	5.5	7.6
Total Length	21	21	21	20
S. Fine				
Fine				
Medium	←	←	←	←
Coarse	←		←	←
S. Coarse	←		←	

Surgical Length Round



Inverted Cone



Double Inverted Cone



Barrel



Round Wheel

				
Code	909-037	909-040	909-048	909-054
ISO No.	066-037	066-040	067-048	068-054
Head Size	037	040	048	054
Head Length	1	1.3	1	2.3
Total Length	19	17.5	15	19
S. Fine				
Fine				
Medium				
Coarse				
S. Coarse				

Wheel

			
Code	818-030	818-040	818-050
ISO No.	042-030	041-040	041-050
Head Size	030	040	050
Head Length	0.8	0.7	0.7
Total Length	19	19	19
S. Fine			
Fine			
Medium			
Coarse			
S. Coarse			

Gross Reduction

				
Code	651-016	654-016	655-018	652-018
ISO No.	511-016	517-016	519-018	513-018
Head Size	016	016	018	018
Head Length	6	6	8	8
Total Length	17.5	18.5	20.5	19.5
S. Fine				
Fine				
Medium				
Coarse				
S. Coarse				

Pear

									
Code	830-010	830-012	830-014	830-016	830L-012	830L-014	830L-018	830L-021	830L-032
ISO No.	237-010	237-012	237-014	237-016	239-012	239-014	239-018	239-021	239-032
Head Size	010	012	014	016	012	014	018	021	032
Head Length	2.8	2.7	2.5	2.5	3.9	4.1	5.1	5	5.1
Total Length	18.5	18.5	17	19	18.5	19	19	19.5	19
S. Fine									
Fine									
Medium									
Coarse									
S. Coarse									

Knife Edge

			
Code	825-023	825-040	825-053
ISO No.	304-023	304-040	304-053
Head Size	023	040	053
Head Length	0.8	1.5	1.5
Total Length	19	17	17
S. Fine			
Fine			
Medium			
Coarse			
S. Coarse			



Egg / Football



Code	368-010	368-016	368-018	368-023	368-032	379-016	379-018	379-023	369-023
ISO No.	243-010	257-016	257-018	257-023	257-032	277-016	277-018	277-023	277-023
Head Size	010	016	018	023	032	016	018	023	023
Head Length	3.5	3.3	4.5	5.3	5	3.4	3.6	4.4	5.1
Total Length	19	20	18.5	20	19	19	19	19	19
S. Fine		Yellow Arrow	Yellow Arrow	Yellow Arrow	Yellow Arrow	Yellow Arrow	Yellow Arrow	Yellow Arrow	Yellow Arrow
Fine	Red Arrow	Red Arrow	Red Arrow	Red Arrow		Red Arrow	Red Arrow	Red Arrow	Red Arrow
Medium	Blue Arrow	Blue Arrow	Blue Arrow	Blue Arrow	Blue Arrow	Blue Arrow	Blue Arrow	Blue Arrow	Blue Arrow
Coarse	Green Arrow	Green Arrow	Green Arrow	Green Arrow	Green Arrow	Green Arrow	Green Arrow	Green Arrow	Green Arrow
S. Coarse				Black Arrow			Black Arrow	Black Arrow	

Inter Proximal



Code	392-016
ISO No.	465-016
Head Size	016
Head Length	5
Total Length	19
S. Fine	Yellow Arrow
Fine	Red Arrow
Medium	Blue Arrow
Coarse	Green Arrow
S. Coarse	

Flat End Cylinder



Code	835S-010	835-008	835-010	835-012	835-016	836-010	836-012	836-014	837-010	837-012	837-014	837-016	837-018
ISO No.	108-010	109-008	109-010	109-012	109-016	110-010	110-012	110-014	111-010	111-012	111-014	111-016	111-018
Head Size	010	008	010	012	016	010	012	014	010	012	014	016	018
Head Length	3	4	4	4	4	6	5.6	6	8	8	8	8	8
Total Length	19	19	19	19.5	19	21	21	21	21.5	21.5	21	21.5	21.5
S. Fine													
Fine		Red Arrow	Red Arrow								Red Arrow	Red Arrow	Red Arrow
Medium	Blue Arrow	Blue Arrow	Blue Arrow	Blue Arrow	Blue Arrow	Blue Arrow	Blue Arrow	Blue Arrow	Blue Arrow	Blue Arrow	Blue Arrow	Blue Arrow	Blue Arrow
Coarse	Green Arrow	Green Arrow	Green Arrow	Green Arrow	Green Arrow	Green Arrow	Green Arrow	Green Arrow	Green Arrow	Green Arrow	Green Arrow	Green Arrow	Green Arrow
S. Coarse											Black Arrow		

Inter Proximal

Egg/Football

Flat End Cylinder



Cylinder Rounded Shoulder

							
Code	835KR-010	836KR-012	836KR-014	837KR-012	837KR-014		881KS-014
ISO No.	156-010	157-012	157-014	158-012	158-014		146-014
Head Size	010	012	014	012	014		014
Head Length	4	6	6	8	8		7.5
Total Length	20	21	21	21.5	21.5		21
S. Fine							
Fine		←	←		←		←
Medium	←	←	←	←	←		←
Coarse	←	←	←	←	←		←
S. Coarse							←

Round End Cylinder

						
Code	838-010	838-012	881-010	881-014	881-016	
ISO No.	139-010	139-012	141-010	141-014	141-016	
Head Size	010	012	010	014	016	
Head Length	4	4	7.5	8	8	
Total Length	19.5	19.5	21	21	22	
S. Fine						
Fine				←	←	
Medium	←	←	←	←	←	
Coarse	←	←	←	←	←	
S. Coarse				←	←	

Flat End Taper

														
Code	845-022	845-012	845-014	845-016	845-023	846-023	846-016	846-016	846-018	847-010	847-012	847-014	847-016	
ISO No.	169-022	170-012	170-014	170-016	170-023	170-023	171-016	171-016	171-018	172-010	173-012	172-014	172-016	
Head Size	022	012	014	016	023	023	016	016	018	010	012	014	016	
Head Length	2.5	4.2	4.4	4.3	4	5	6	7.2	7	8	8	8	8	
Total Length	16	19	18.5	18.5	20	18.5	21	18.8	19.5	21.5	21.5	21.5	21.5	
S. Fine														
Fine							←	←	←	←	←	←	←	←
Medium	←	←	←	←	←	←	←	←	←	←	←	←	←	←
Coarse	←	←	←	←	←	←	←	←	←	←	←	←	←	←
S. Coarse									←					←



Cylinder Rounded Shoulder

Round End Cylinder

Flat End Taper

Flat End Taper

									
Code	847-018	847-018	848-010	848-012	848-014	848-016	848-018	848-021	
ISO No.	172-018	172-018	173-010	173-012	173-014	173-016	173-018	173-021	
Head Size	018	018	010	012	014	016	018	021	
Head Length	8	8.5	10	10	10	10	10	10	
Total Length	21.5	21	23	23	24	22.5	22.5	22	
S. Fine									
Fine									
Medium									
Coarse									
S. Coarse									

Flat End Taper

Taper Rounded Shoulder

						
Code	845KR-018	845KR-025	846KR-016	847KR-016	847KR-018	
ISO No.	544-018	544-025	545-016	546-016	546-018	
Head Size	018	025	016	016	018	
Head Length	4	4	6	8	8	
Total Length	19	19	21	21.5	21.5	
S. Fine						
Fine						
Medium						
Coarse						
S. Coarse						

Taper Rounded Shoulder



Round End Taper

										
Code	849-010	849-025	855-020	855-012	855-014	855-016	855-018	855-018	855-025	856-010
ISO No.	197-010	196-025	196-020	197-012	197-014	197-014	197-018	197-018	197-025	198-010
Head Size	010	025	020	012	014	016	018	018	025	010
Head Length	4	4	5	6.3	6.3	6.5	7	7	7	8
Total Length	21	19.5	19	21	21	21	19.5	19	21	21.5
S. Fine										
Fine										
Medium										
Coarse										
S. Coarse										

Round End Taper

Round End Taper

										
Code	856-012	856-014	856-016	856-025	855-027	856L-014	856L-016	856L-018	856L-018	856L-020
ISO No.	198-012	198-014	198-016	197-025	197-027	199-014	199-016	198-018	198-018	198-020
Head Size	012	014	016	025	027	014	016	018	018	020
Head Length	8	8	8	8	8	9	9	9	9	9
Total Length	21	21	21	21.5	21	22	22	21.5	21	22
S. Fine										
Fine										
Medium										
Coarse										
S. Coarse										

Round End Taper

									
Code	850-010	850-012	850-014	850-016	850-016	850-018	850-021	850L-012	850L-024
ISO No.	199-010	199-012	199-014	199-016	199-016	199-018	199-021	199-012	199-024
Head Size	010	012	014	016	016	018	021	012	024
Head Length	10	10	10	10	10	10	10	11	11
Total Length	24	24	24	22	22.5	22.5	22	24	23.5
S. Fine									
Fine									
Medium									
Coarse									
S. Coarse									



Needle

												
Code	889-012	852-012	852-014	858-010	858-012	858-014	858-015	858-016	859-010	859-012	859-014	
ISO No.	540-012	164-012	164-014	165-010	165-012	165-014	165-015	165-016	166-010	166-012	166-014	
Head Size	012	012	014	010	012	014	015	016	010	012	014	
Head Length	4	5.6	7	8	8	8	8	8	10	10	10	
Total Length	20	19	21	22	22	21	20.5	22.5	23.5	22.5	23	
S. Fine	←	←		←	←	←	←		←	←	←	
Fine	←	←		←	←	←	←		←	←	←	
Medium	←	←	←	←	←	←	←		←	←	←	
Coarse	←	←		←	←	←	←	←	←	←	←	
S. Coarse								←				

Needle

				
Code	859-016	859L-016	859-017	859-018
ISO No.	166-016	167-016	166-017	166-018
Head Size	016	016	017	018
Head Length	10	10.5	10	10
Total Length	23	23.5	22.5	22.5
S. Fine	←	←	←	←
Fine	←	←	←	←
Medium	←	←	←	←
Coarse	←	←	←	←
S. Coarse		←		

X-Mas Tree

	
Code	825-038
ISO No.	164-038
Head Size	038
Head Length	7
Total Length	21
S. Fine	
Fine	
Medium	←
Coarse	←
S. Coarse	



X-Mas Tree

Needle

Flame

															
Code	390-018	860-010	860-012	860-013	861-014	862-010	862-012	862-013	862-014	862-016	862-018	863-023	863-016		
ISO No.	254-018	247-010	247-012	247-013	248-014	249-010	249-012	249-013	249-014	249-016	249-018	249-023	250-016		
Head Size	018	010	012	013	014	010	012	013	014	016	018	023	016		
Head Length	3	4	5	5.2	6	8	8	8	8	8	8	9	9.5		
Total Length	19	19	19	19	20	21	21	20	21	21	23.5	21	22		
S. Fine	←	←	←	←	←	←	←	←	←	←		←	←		
Fine	←	←	←	←	←	←	←	←	←	←		←	←		
Medium	←	←	←	←	←	←	←	←	←	←	←	←	←		
Coarse	←	←	←	←	←	←	←	←	←	←	←	←	←		
S. Coarse							←		←	←		←	←		



Flame

Gingival Curettage

Flame

				
Code	863-010	863-012	863-014	863-018
ISO No.	250-010	250-012	250-014	250-018
Head Size	010	012	014	018
Head Length	10	10	10	10
Total Length	24	23.5	24	23.5
S. Fine		←	←	
Fine	←	←	←	←
Medium	←	←	←	←
Coarse	←	←	←	←
S. Coarse				

Gingival Curettage

															
Code	877K-014	877K-016	877K-018	878K-012	878K-014	878K-016	878K-018	878K-020	878K-022	879K-014	879K-016	879K-018			
ISO No.	297-014	297-016	297-018	298-012	298-014	298-016	298-018	298-020	298-022	299-014	299-016	299-018			
Head Size	014	016	018	012	014	016	018	020	022	014	016	018			
Head Length	6.5	6.5	6.5	7.5	8	8	8	8	8	9.5	9.5	9.5			
Total Length	19	18.5	19	22	21	20.5	20	20.5	20.5	22	22	22			
S. Fine		←			←					←	←				
Fine	←	←	←		←	←	←	←	←	←	←	←			
Medium	←	←	←	←	←	←	←	←	←	←	←	←			
Coarse	←	←	←	←	←	←	←	←	←	←	←	←			
S. Coarse							←	←	←			←			

Torpedo Cylinder

					
Code	877-012	879-012	878-012	878-014	879-012
ISO No.	288-012	289-012	289-012	289-014	290-012
Head Size	012	012	012	014	012
Head Length	6	8	8	8	10
Total Length	21	22	22	22	23.5
S. Fine					
Fine	←	←	←		←
Medium	←	←	←	←	←
Coarse	←	←	←	←	←
S. Coarse					

Separation

		
Code	889-008	889-010
ISO No.	169-008	540-010
Head Size	008	010
Head Length	3	4
Total Length	24	23
S. Fine	←	
Fine	←	←
Medium	←	←
Coarse	←	←
S. Coarse		

Pointed Cylinder

								
Code	884-010	884-012	885-010	885-012	885-016	886-012	879-014	886-016
ISO No.	129-010	129-012	130-010	130-012	130-016	131-012	131-014	131-016
Head Size	010	012	010	012	016	012	014	016
Head Length	6	6	8	8	8	10	10	10
Total Length	21.5	21	21.5	21	24	24	23	24
S. Fine				←				
Fine	←		←	←			←	
Medium	←	←	←	←	←	←	←	←
Coarse	←	←	←	←	←	←	←	←
S. Coarse				←				



Pointed Cylinder

Torpedo Cylinder

Separation



Short Shank Diamond Burs

Ruby's short shank Diamond burs are a tailor made solution specifically selected to answer the need of both pediatric dentistry and for patients with reduced mouth opening.

Other shapes are available upon request.

Round Wheel

Round End Cylinder

Pear

	Round	Double Inverted Cone	Round Wheel	Knife Edge	Gross Reduction	Pear				
										
Code	801-012SS	801-018SS	813-016	813-018	909-040	909-048	825-040	825-053	651-016	830-014
ISO No.	001-012	001-018	032-016	032-018	066-040	067-048	304-040	304-053	511-016	237-014
Head Size	012	018	016	018	040	048	040	053	016	014
Head Length			1.3	2.1	1.3	1	1.5	1.5	6	2.5
Total Length	16	16	16	17	17.5	15	17	17	17.5	17
Fine										
Medium										
Coarse										
S. Coarse										

	Flat End Taper	Football/ Egg	Flat End Cylinder	Cylinder Rounded Shoulder	Round End Cylinder	Round End Taper	Needle	Torpedo Cylinder	Separation
									
Code	845-022	368-018SS	835-010SS	837KR-014SS	881-014SS	855-016SS	855-014SS	878-014SS	889-008SS
ISO No.	169-022	257-018	109-010	158-014	141-014	197-016	172-014	289-014	540-010
Head Size	022	018	010	014	014	016	014	014	008
Head Length	2.5	4.5	4	8	8	6	8	8	4.7
Total Length	16	16	16	17.5	17.5	16.5	17.5	17.5	17
Fine									←
Medium	←	←	←	←		←		←	←
Coarse	←	←			←	←	←		
S. Coarse									

Composite Finishing Burs

Ruby's Composite finishing burs are designed to simplify and remove all risk elements from the incredibly tricky task of Composite finishing, resulting in a shorter procedure with excellent clinical results.

The Ruby burs will enable the dentist to polish the Composite without the need to use disc, paste or polisher.



Composite Finishing kits are available on page 28.



Extra Extra Fine = 15μ

										
Code	801-018	801-022	811R-033	368-023	379-023	889-012	390-018	860-013	862-014	863-023
ISO No.	001-018	001-022	038R-033	257-023	277-023	170-012	254-018	247-013	249-014	298-023
Head Size	018	022	033	023	023	012	018	013	014	023
Head Length	---	---	5.5	5.3	4.4	4	3	5.2	8	9
Total Length	19	19	21	20	19	20	19	19	21	21
XX Fine	←	←	←	←	←	←	←	←	←	←

Composite Super Finish

			
Code	811R-033	379-023	863-023
ISO No.	038R-033	277-023	249-023
Head Size	033	023	023
Head Length	5.5	4.4	9
Total Length	21	19	21
SH2	←	←	←



Safe End & End Cutting Burs

Special burs designed to work selectively on one area (preparation wall / end line).

Safe End



Code	851-019
ISO No.	220-019
Head Size	019
Head Length	10.2
Total Length	22
S. Fine	
Fine	
Medium	←
Coarse	
S. Coarse	

Guide Pin



Code	P850-025	P856-030
ISO No.	508-025	508-030
Head Size	025	030
Head Length	10.2	9.2
Total Length	22.5	22.5
S. Fine		
Fine		
Medium	←	←
Coarse		
S. Coarse		

End Cutting



Code	839-010	840-010
ISO No.	150-010	150-010
Head Size	010	010
Head Length		
Total Length	22	22
S. Fine		
Fine	←	
Medium		←
Coarse		
S. Coarse		

Safe End

Guide Pin

Cool Cut Burs

End Cutting



Spiral Burs

These Ruby burs are designed with a spiral groove along the active zone (the Diamond coated area)

The cooling water is delivered by the spiral groove directly to the contact point between the burr and tooth and by and by doing so - decreases the grinding temperature and enables faster and more aggressive grinding.

Specials - Cool Cut



Code	T368-023	T855L-018	T855-025	T856-016	T856L-020	T850-016	T850-018	T862-014	T863-016
ISO No.	T257-023	T197-018	T197-025	T198-016	T198-020	T199-016	T199-018	T249-014	T249-016
Head Size	023	018	025	016	020	016	018	014	016
Head Length	5.3	7	7	8	9	10	10	8	9.5
Total Length	20	19	21	21	22	22	22	21	22
S. Fine									
Fine									
Medium	←	←	←	←	←	←	←	←	←
Coarse									
S. Coarse									

Precision Markers

Depth Cutting

Code	834-016	834-019	834-026	
ISO No.	552-016	552-019	552-026	
Head Size	016	019	026	
Head Length	0.9X3	1X3	0.7X3	
Total Length	20	20	22	
For Depth (mm)	0.3	0.5	0.7	
S. Fine				
Fine				
Medium	←	←	←	
Coarse				
S. Coarse				



Occlusal Depth Marker

Code	828-014	828-015	
ISO No.	1.5	2.0	
Head Size	014	015	
Head Length	1.5	2	
Total Length	16.5	17	
Coarse *	←	→	



Porcelain Laminate kits are available on pages 35.

Occlusal Reduction burs

Uniquely designed, the occlusal reduction burs stop at the exact designated depth.

These burs have a coarse Diamond grit which allows quick cutting through the structure.

The burs are designed for occlusal reduction in all crown preparations (PFM, PFZ and All Ceram).

*The color identification of these burs does not represent the grit size, and is aimed to offer better size differentiation.



Buccal Depth Marker

Code	828-022	828-026	828-030	828-037
ISO No.	0.3	0.5	0.7	1.0
Head Size	022	026	030	037
Head Length	1.1	1.2	1.3	1.4
Total Length	22.5	22.5	22.5	22.5
Fine *	←	←	→	←

Veneer Depth Marker

The Ruby veneer and anterior crowns depth marker burs have a unique design feature: A special stopper that allows the dentist to easily and accurately achieve the desired depths of any veneer or crown preparation.



Endo Access Burs

A specially designed 2 in 1 endodontic bur combining a round bur for the initial penetration stage with a Diamond plated long taper to widen the pulp chamber and the canal walls.

Endo access




Code	802L-016
ISO No.	464-016
Head Size	012/016
Head Length	10
Total Length	23
S. Fine	
Fine	
Medium	
Coarse	←
S. Coarse	

Occlusal Burs

This line of Ruby special burs was designed for smooth and easy Composite sculpturing.

The burs have a built-in safe edge which prevents over-carving as well as preventing nicking of Enamel.

Occlusal






Code	909R-015	901R-026	825R-027
ISO No.	Special	Special	164R-027
Head Size	015	026	027
Head Length	0.7	1.1	4
Total Length	19	19	19.5
XX Fine			←
S. Fine			
Fine	←	←	
Medium			
Coarse			



Kit is available on page 29.

Minimal Invasive Burs

Using finesse where needed is easy with these high quality Diamond burs designed specifically for minimal invasive opening of fissures and for endodontic use.

Minimal Invasive






Code	801-009	801-012	801-014	801-016
ISO No.	001-009	001-012	001-014	001-016
Head Size	9	12	14	16
Head Length				
Total Length	21	22	22	22
Grit size	←	←	←	←

Minimal Invasive




Code	830-008	830-010
ISO No.	237-008	237-010
Head Size	8	10
Head Length	2.5	2.5
Total Length	19	19
Grit size	←	←

Endo access

Occlusal

Minimal Invasive

Orthodontic Burs

An advanced product line designed for minimizing the risk of damaging Enamel.

Particularly well Suited for preventing separation during interproximal reduction.

Orthodontic

			
Code	465-031	858-005	852-005
ISO No.	833-031	165-005	164-005
Head Size	---	---	---
Head Length	5	3.4	7
Total Length	20	22	23.5
ø for IPR SF (mm)	Min	0.30	0.20
	Max	0.30	0.45
ø for IPR PF (mm)	Min	0.40	0.30
	Max	0.40	0.50



Orthodontic kits are available on page 38.

Periodontic Burs

Laser marked end and side cutting bur which enable an easy and precise crown lengthening.

Periodontic

						
Code	Special	Special	839L-015	839L-010	849-014	849-016
ISO No.	Special	Special	150L-015	150L-010	196-014	196-016
Head Size	012	012	015	010	014	016
Head Length	2	2			2	4
Total Length	24	24	24	24	23.5	23.5
XX Fine						
Medium						

Orthodontic

Periodontic



Cera-Burs

Many dentists nowadays are all too familiar with the challenges posed by working with Porcelain and Ceramic.

Using traditional Diamond burs forces a slow and tedious process. The dentists are faced with the risk of fracturing the crown looming overhead and threatening to take them back to square one.

Micro fractures are also an ever-present concern on the modern dentists mind as they compromise the integrity of completed crowns and bridges after their application.

This Ruby Cera-Burs kit was especially developed for the task and removes these risky elements from the process.

Removing the risk of chipping makes adjusting Porcelain and Ceramic just as easy as working with Composite.

A special manufacturing method allows fast adjustments on all types of PFM crowns, Ceramic and Zirconia crowns and bridges as well Procad®, Vita® and max® Ceramic crowns.

This kit was designed in collaboration with leading dentists to include all necessary burs for:

- ♦ Adjusting the marginal ridge, and the incisors lingual / palatal surfaces
- ♦ Trimming excess material
- ♦ Ceramic crown and bridge removal
- ♦ Endo Access thru the Ceramic part of Crown and Bridges



Cera-Burs

													
Code	801-018PF	801-022PF	807-018PF	368-023PF	379-023PF	856L-018PF	856-025PF	889-012PF	858-012PF	390-018PF	862-014PF	878K-022PF	885-012PF
ISO No.	001-018	001-022	225-018	257-023	277-023	198-018	197-025	170-012	172-012	254-018	249-014	298-022	130-012
Head Size	018	022	018	023	023	018	025	012	012	018	014	022	012
Head Length	---	---	5	5.3	4.4	9	8	4	8	3	8	8	8
Total Length	19	19	19	20	19	21	21.5	20	22	19	21	20.5	21



Cera-Burs kits are available on pages 36-37.

HP Burs for Cera-Burs

					
Code	H13PF	H19RPF	H27RPF	H37PF	H24PF
Head Size	019	024	033	023	024
Head Length	---	10	9.3	8	6.9
Total Length	44.5	44.5	44.5	44.5	44.5

Gold Line

Specially made Diamond burs designed for vital tooth preparation with offer high durability a longer product lifespan and a lower operating temperature.

The Ruby gold burs have a highly homogeneous spread of a specially selected Diamond Grit which enables smoother work with less vibration and better surface finishing.



Round



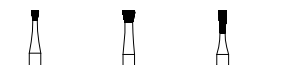
Code	P801-012	P801-014	P801-018	P801-022
ISO No.	001-012	001-014	001-018	001-022
Head Size	012	014	018	022
Head Length				
Total Length	19	19	19	19

Barrel



Code	P811-033	P811-037
ISO No.	038-033	038-037
Head Size	033	037
Head Length	5.5	5.5
Total Length	21	21

Inverted Cone



Code	P805-012	P805-018	P807-014	P807-018
ISO No.	010-012	010-018	225-014	225-018
Head Size	012	018	014	018
Head Length	1.3	1.6	3	5
Total Length	19	19	19	19

Egg / Football



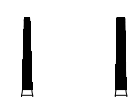
Code	P368-023	P379-023
ISO No.	257-023	277-023
Head Size	023	023
Head Length	5.3	4.4
Total Length	20	19

Flat End Cylinder



Code	P835-010
ISO No.	109-010
Head Size	010
Head Length	4
Total Length	19

Flat End Taper



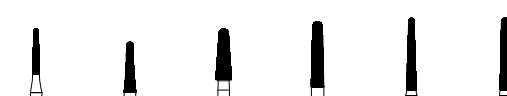
Code	P848-016	P848-018
ISO No.	173-016	173-018
Head Size	016	018
Head Length	10	10
Total Length	22.5	22.5

Needle



Code	P852-012	P858-014	P859-014	P859L-016
ISO No.	171-012	172-014	173-014	173-016
Head Size	012	014	14	016
Head Length	5.6	8	10	10.5
Total Length	19	21	23	23.5

Round End Taper



Code	P855-014	P855L-018	P855-025	P856L-020	P850-016	P850-018
ISO No.	197-014	197-018	197-025	198-020	199-016	199-018
Head Size	014	018	025	020	016	018
Head Length	6.3	7	7	9	10	10
Total Length	21	19	21	22	22.5	22.5



Flame



Code	P862-014	P863-016
ISO No.	249-014	249-016
Head Size	014	016
Head Length	8	9.5
Total Length	21	22

Gingival Curettage



Code	P879K-016
ISO No.	298-016
Head Size	016
Head Length	9.5
Total Length	22

Pointed Cylinder



Code	P885-012
ISO No.	130-012
Head Size	012
Head Length	8
Total Length	21

Special Gold Line

Spiral Round End Taper



Code	T/P856-016	T/P856L-020	T/P850-016
ISO No.	198-016T	198-020T	199-016T
Head Size	016	020	016
Head Length	8	9	10
Total Length	21	22	22

Bur with a spiral groove that enables smoother work in even lower temperature.

This unique spiral design brings about the fast removal of debris allowing for a quicker procedure.

Guide Pin



Code	P850-025	P856-030
ISO No.	508-025	508-030
Head Size	025	030
Head Length	10.2	9.2
Total Length	22.5	22.5

Our safe end gold burs features a guide post specially designed for depth cutting.

The post should be placed in the sulcus while the bur will reach the exact depth without damaging the gingival.

Round



Code	P801-050
ISO No.	001-050
Head Size	050
Head Length	
Total Length	18

An extra-large round bur specially designed for Occlusal reduction.



Sterilized Single Patient FG Diamond Burs

Offering 100% sterilization is not a matter of question.

In our dedication to offer the most comprehensive solutions to all challenges facing today's dentists, we are happy to introduce our line of Gamma sterilized burs.

The pre sterilized Diamond burs offer you the opportunity to work, switch and operate at any situation or under changing working conditions.

All burs are colour coded.



Round

			
Code	S801-012C	S801-014C	S801-018C
ISO No.	001-012	001-014	001-018
Head Size	012	014	018
Head Length			
Total Length	19	19	19

Round End Taper

											
Code	S855-012C	S855-014C	S855-018C	S856-025C	S856-012C	S856-014C	S856-016C	S856-018C	S850-014C	S850-016C	S850-018C
ISO No.	197-012	197-014	197-018	197-025	198-012	198-014	198-016	198-018	199-014	199-016	199-018
Head Size	012	014	018	025	012	014	016	018	014	016	018
Head Length	6.3	6.3	7	8	8	8	8	9	10	10	10
Total Length	21	21	19	21.5	21	21	21	21	24	22.5	22.5

Flat End Taper

					
Code	S847-014C	S847-016C	S847-018C	S848-016C	S848-018C
ISO No.	172-014	172-016	172-018	173-016	173-018
Head Size	014	016	018	016	018
Head Length	8	8	8.5	10	10
Total Length	21.5	21.5	21	22.5	22.5

Flat End Cylinder

			
Code	S835-010C	S836-012C	S837-014C
ISO No.	109-010	110-012	111-014
Head Size	010	012	014
Head Length	4	5.6	8
Total Length	19	21	21

Football / Egg


Code	S368-016C	S368-023C	S379-018C	S379-023C
ISO No.	257-016	257-023	277-018	277-023
Head Size	016	023	018	023
Head Length	3.3	5.3	3.6	4.4
Total Length	20	20	19	19

Flame


Code	S862-010C	S862-012C	S862-014C
ISO No.	249-010	249-012	249-014
Head Size	010	012	014
Head Length	8	8	8
Total Length	21	21	21

Needle


Code	S858-014C	S859-016C
ISO No.	172-014	173-016
Head Size	014	016
Head Length	8	10
Total Length	21	23



- ◆ Packed in box of 25 burs
- ◆ All sterilized burs are in Coarse grit
- ◆ Other sizes and grit sizes are available upon request

Gross Reduction


Code	S652-018C	S655-018C
ISO No.	513-018	519-018
Head Size	018	018
Head Length	8	8
Total Length	19.5	20.5

Barrel


Code	S811-033C
ISO No.	039-033
Head Size	033
Head Length	5.5
Total Length	21

Gingival Curettage


Code	S878K-014C	S878K-016C	S878K-018C	S879K-014C	S879K-016C	S879K-018C
ISO No.	298-014	298-016	298-018	298-014	298-016	298-018
Head Size	014	016	018	014	016	018
Head Length	8	8	8	9.5	9.5	9.5
Total Length	21	20.5	20	22	22	22

Pointed Cylinder


Code	S885-012C
ISO No.	130-012
Head Size	012
Head Length	8
Total Length	21

Round End Cylinder


Code	S881-014C
ISO No.	141-014
Head Size	014
Head Length	8
Total Length	21

Inverted Cone


Code	S805-012C	S805-016C
ISO No.	010-012	010-016
Head Size	012	016
Head Length	1.3	1.4
Total Length	19	19





BUR KITS

*Specialized Boutique Solutions For Various Applications,
Procedures and Methods*

Giving You The Versatility To Deal With Any Challenge

As part of our ongoing process of streamlining the dentists' work, Ruby has put together a range of kits which combine several burs of different design and designation all geared towards a specific procedure.

These meticulously planned and assembled kits are long standing favorites among our clients worldwide as they showcase the optimal tools, carefully crafted and compiled for the challenges ahead.

Pro Composite Finishing Kit

This set is designed to simplify the tough task of Composite finishing by shortening the procedure, increasing efficiency and delivering excellent clinical results.

This set enables the dentist to polish the Composite without the need to use disc, paste or polisher.



CAT#: SH12SET-RBY

Code	Profile	Application
863-0231		Buccal, cervical & Interproximal Composite finishing step 1
379-0231		Palatal Composite finishing step 1
811R-0331		Occlusal Composite finishing step 1
863-0232		Buccal, cervical & Interproximal Composite finishing step 2
379-0232		Palatal Composite finishing step 2
811R-0332		Occlusal Composite finishing step 2

Composite Finishing Kit

The most popular Composite finishing kit contains super fine and extra-extra fine burs.

Designed to overcome any obstacle and make any tough or daunting procedure a modern and efficient, smooth experience through the use of mixture of specialized tools.

Code	Profile	Application
801-022SF		Fine finishing and polishing of the marginal ridge
860-013SF		Fine finishing and polishing of Composite excess restoration margins
862-014SF		Fine finishing and polishing of Composite restoration margins
368-023SF		Fine polishing of palatal/lingual surface
390-018SF		Fine finishing of the Occlusal surface
877K-016SF		Fine finishing of Composite excess at margins
801-018XXF		Very fine polishing of the marginal ridge
801-022XXF		Very fine polishing of the marginal ridge
860-013XXF		Very fine polishing of Composite excess at margins
862-014XXF		Very fine polishing of Composite excess at margins
368-023XXF		Very fine polishing of palatal/lingual surface
390-018XXF		Very fine polishing of the Occlusal surface



CAT#: COMSET1-RBY

Composite Sculpting Kit

This special kit offers a smooth and easy Composite sculpturing experience.

A great selection of sculpting burs all of which featuring a built-in safe edge which prevents over-carving as well as preventing nicking of Enamel.

This system is especially suited for the new generation of Composites.

Code	Profile	Application
909R-015		Small occlusinator
901R-026		Big occlusinator
825R-027		Final Composite finishing bur



CAT#: OCLKIT1-RBY

Endodontic Kit

A unique and comprehensive kit providing specialized solutions for endodontic dentistry.

Code	Profile	Application
801-022PF		Safe Ceramic penetration without microfractures
FGB331		Easy & fast Metal penetration
FG-ENDOZ152		Pulp chamber opening without perforation risk
889-008M		Metal post removal/Metal screw weakening cementation
889-008F		Safe search of canal entrance/span
801L-012M		Finding the canal entrance/span
801-022LM		Pulp chamber opening
390-018SF		Middling Composite polishing
390-018XFX		Gentle Composite polishing & finishing
801-022SF		Middling Composite polishing
801-022XFX		Gentle Composite polishing & finishing

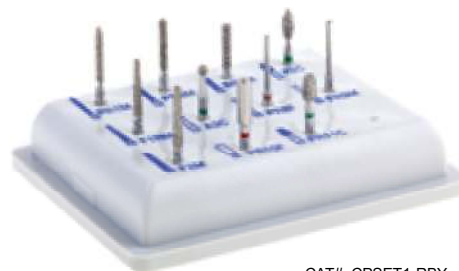


CAT#: ENDOSET1-RBY

Crown Preparation Kit

A kit designed specifically to face the challenge of crown and bridge preparation.

Code	Profile	Application
879-012M		Chamfer preparation & finishing line.
879-014M		135° preparation & finishing line (long bevel).
652-018M		Massive reduction and producing depth cut.
368-023C		Lingual & palatal reduction.
850-016M		Interproximal reduction and creation of proximal finish line.
801-018C		Occlusal reduction of posterior teeth.
839-010F		Narrow shoulder finish line.
840-010M		Broad shoulder finish line.
848-018M		Supra-gingival shoulder finish line.
828-014		Depth precision marker.
845-023C		Occlusal and Incisal edge reduction.



CAT#: CPSET1-RBY

A complete starter kit for crown and bridge preparation.

Code	Profile	Application
859L-016M		Separation & Interproximal
859-012M		Separation & Interproximal
856-016M		Chamfer preparation & finishing line for posterior tooth
850-016M		Chamfer preparation & finishing line for anterior tooth
850-016F		Chamfer preparation & finishing line for anterior & posterior tooth
878K-018M		Chamfer finishing line
879K-018M		Chamfer finishing line
879-012M		Chamfer finishing line
885-012M		Chamfer finishing line
379-023M		Lingual / Palatal preparation
811-037M		Occlusal Reduction
839-010F		Narrow shoulder finish line



CAT#: CPSET2-RBY

Crown Preparation Kit

This comprehensive kit was designed to face the increasing demands for tooth preparation in PFM crowns.

The finishing line is a medium chamfer that was tested over many crowns and bridges and was proven to be both the most clinically efficient and user friendly.

Code	Profile	Application
859-014C		Separation & Interproximal
368-023PF		Lingual / Palatal preparation for Porcelain & all Ceram
379-023C		Lingual / Palatal preparation
811-037C		Occlusal preparation
879K-018SC		Preliminary quick reduction by very rough bur chamfer
879K-018C		Continuance of reduction by coarse bur chamfer
879K-018M		Continuance of reduction by medium bur chamfer
879K-018F		Chamfer polishing & finishing line for anterior & posterior tooth
879K-018SF		Chamfer very smooth polishing & finishing
834-026M		0.7 mm Depth marker bur



CAT#: KIS-SET1-RBY

All Ceramic Crown Preparation Kit

This exceptional set provides the dentist with a precise and proven step by step technique. Suitable for Zirconia and Alumina all-Ceram restorations.

The set contains all the required burs for getting a perfect esthetic restoration.

Code	Profile	Application
P801-050		Occlusal reduction
P855-014		Proximal reduction
P855-025		Buccal & Lingual reduction
P856L-020		Proximal reduction
P850-018		Buccal & Lingual reduction
P379-023		Palatal reduction - Incisors/Canine
P850-025		Proximal (Mesial & Distal) - Depth Cutter
P856-030		Buccal & Lingual - Depth Cutter
P811-037		Occlusal reduction - Premolars
FGPS1W		Finishing - Alpine Stone



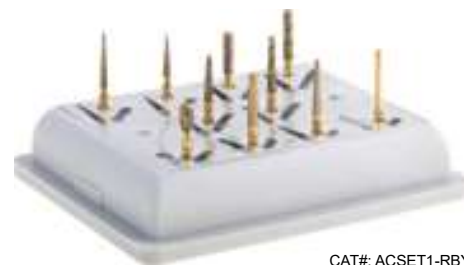
CAT#: 40211ACSET-RBY

This kit addresses all challenges associated with Ceramic crown preparations.

The set is designed for a quick, reliable and reproducible anterior and posterior preparation.

The set contains 3 spiral burs for fast and cool preparation.

Code	Profile	Application
652-018C		Bulk reduction
P858-014/C		Interproximal separation for posterior teeth
P859-014/M		Interproximal separation for anterior teeth
T850-016SP/PR		Axial reduction For anterior teeth
850-016F		Chamfer smooth polishing & finishing
856L-020F		Chamfer smooth polishing & finishing
T856L-020/PR		Axial reduction For anterior teeth
P379-023		Occlusal reduction
T856-016/PR		Axial reduction For anterior teeth
839-010F		Narrow shoulder finish line

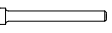


CAT#: ACSET1-RBY

Inlay / Onlay Kit

The Ruby Inlay / Onlay restoration kit enables a micro invasive approach, which can eliminate the need for a root canal treatment, structure, and crown.

The kit contains all the necessary burs for a well planned, intelligent preparation and the final Ceramic adjustments.

Code	Profile	Application
828-014C		1.5 mm depth marker
828-015C		2 mm depth marker
FGB330		Sharp x Metal cutter – removal of an old restoration
840-010M		End cutter for proximal floor adjustments
845KR-018M		1.8 mm bur for a divergent walls preparation
845KR-025M		2.5 mm short bur for a divergent walls preparation
818-050M		Wheel bur for cusp cutting
845KR-018F		1.8 mm bur for a divergent walls preparation
FG7206		12 blade bur for a divergent walls smoothing
379-023PF		Ceramic bur for bite adjustments
RA6		Caries removal RA bur
RA8		Caries removal RA bur



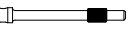
CAT#: INONKIT1-RBY

Code	Profile
RD-RA-E14M	
RD-RA-E14F	

Crown Lengthening Kit

The new Ruby Crown Lengthening kit is designed to be used in an orderly sequence and guide the clinician towards achieving the desired outcome precisely, predictably and safely.

This kit features special custom made burs with laser depth markings.

Code	Profile	Application
801-022LC		Round Diamond bur
A3LC		Round Diamond bur
MR10L2M		Side cutting Diamond bur (narrow)
MR10L3M		Side cutting Diamond bur (narrow)
FG957		End cutting Carbide bur
MR015LM		End cutting Diamond bur
MR010LM		End cutting Diamond bur
C2411S/M		Tapered, side cutting Diamond bur
C2411S/XXF		Tapered, side cutting Diamond bur
C244/XXF		Tapered, final polishing Diamond bur



CAT #: PERIOKIT1-RBY

Porcelain Laminate Veneer Preparation Kits

The kit contains provides the dentist with a precise and proven step by step technique. Containing all necessary burs for getting a perfect aesthetic Porcelain laminate veneer.

Code	Profile	Application
801-018F		Creating Finish Line
C08F		Retention slot
862-014PF		Proximal Separation
850-016F		Buccal reduction / Creating Finish Line
850-018F		Buccal reduction / Creating Finish Line
850-018M		Buccal reduction / Creating Finish Line Incisal reduction
818-050M		Incisal reduction
834-026M		0.7mm Depth marker bur
FGPS1W		Refining the Preparation – alpine stone
RPRA16W		Polishing the Preparation



CAT#: 40211PLSET-RBY

The kit was designed to address the challenge of Porcelain laminate veneer preparation.

Code	Profile	Application
834-019M		Producing 0.5mm depth cut.
834-016M		Producing 0.3mm depth cut.
801-009F		Defining the finish line.
889-012SF		Finishing and polishing margins.
889-012XXF		Fine polishing of margins.
368-023SF		Occlusal adjustment of the Incisal or palatal side.
368-023XXF		Finishing and polishing of the Incisal or palatal side.
845-023C		Occlusal and Incisal edge reduction.
850-016M		Labial and Interproximal reduction and creation of the finish line around the preparation.



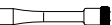
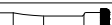
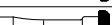
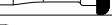
CAT#: PLSET1-RBY

Precision Markers kit

A 2 stage kit for easy and accurate depth cutting for laminates.

This Ruby kit contains 3 wheels burs to mark the 3 grooves with a constant set distance between the grooves.

A single wheel angled depth marker has been included in order to achieve the accurate depth regardless of the angle used.

Code	Profile	Application
828-022		Depth cutting 0.3 mm single
828-026		Depth cutting 0.5 mm single
828-030		Depth cutting 0.7 mm single
828-037		Depth cutting 1.0 mm single
834-016		Depth cutting 0.3 mm triple
834-019		Depth cutting 0.5 mm triple
834-026		Depth cutting 0.7 mm triple



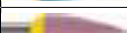
CAT #: PMSET1-RBY

Cera-Burs - Porcelain Adjustment Kit

A complete specialized kit compiled to face all Porcelain bite adjustments.

Ruby's handpicked, perfectly designed burs for fast & smooth grinding of Porcelain will make short work of any task.

Known worldwide as the safest, fastest, and the smoothest crown & bridge adjustment application.

Code	Profile	Application
801-018PF		Round FG Ceramic bur for adjustments / Endo access
801-022PF		Round FG Ceramic bur for adjustments / Endo access
862-014PF		Flame FG Ceramic bur for adjustments / crown cutting
885-012PF		Pointed cylinder FG Ceramic bur for adjustments / crown cutting
368-023PF		Football FG Ceramic bur for adjustments
889-012PF		Needle FG Ceramic bur for adjustments / detailing
390-018PF		Flame FG Ceramic bur for adjustments
878K-022PF		Gingival curettage FG Ceramic bur for adjustments
RDRA16C		Flame coarse Diamond polisher for Porcelain contouring
RDRA16M		Flame medium Diamond polisher for Porcelain smoothing
RDRA16F		Flame fine Diamond polisher for Porcelain polishing



CAT#: MagicT2-RBY

Other shapes of Diamond polishers are available.
Please see pages 22.

Cera-Burs - Zirconia Adjustment Kit

A complete kit compiled especially for Zirconia and E-MAX® bite adjustments.

Ruby's leading burs for fast & smooth grinding of Zirconia and E-Max® are the safest and smoothest crown & bridge adjustment application.

Code	Profile	Application
801-018PF		Round FG Ceramic bur for adjustments / Endo access
801-022PF		Round FG Ceramic bur for adjustments / Endo access
862-014PF		Flame FG Ceramic bur for adjustments / crown cutting
885-012PF		Pointed cylinder FG Ceramic bur for adjustments / crown cutting
856L-018PF		Round end taper FG Ceramic bur for adjustments / crown cutting
368-023PF		Football FG Ceramic bur for adjustments
379-023PF		Egg shape FG Ceramic bur for adjustments
889-012PF		Needle FG Ceramic bur for adjustments / detailing
390-018PF		Flame FG Ceramic bur for adjustments
878K-022PF		Gingival curettage FG Ceramic bur for adjustments
RDRAZ16F		Flame fine Diamond polisher for Zirconia polishing
RDRAZ16M		Flame medium Diamond polisher for Zirconia smoothing



CAT#: MagicT3-RBY

Cera-Burs - Ceramic Bite Adjustments Kit

A basic set of our top quality burs, compiled by Ruby's clinical advisors for Ceramic bite adjustments.

Code	Profile	Application
801-018PF		Ceramic - adjustments / Endo access
801-022PF		Ceramic - adjustments / Endo access
862-014PF		Ceramic - adjustments / crown cutting
885-012PF		Ceramic - adjustments / crown cutting
368-023PF		Ceramic - adjustments
889-012PF		Ceramic - adjustments / detailing
390-018PF		Ceramic - adjustments
878K-022PF		Ceramic - adjustments



CAT#: MAGICT1-RBY

Cera-Burs - Cerec Restoration Kit

A complete and versatile kit compiled by Ruby clinical advisors for Cerec restoration E-MAX® and Zirconia adjustments.

Code	Profile	Application
801-018PF		Ceramic - adjustments / Endo access
862-014PF		Ceramic - adjustments / Endo cutting
379-023PF		Ceramic - adjustments
856L-018PF		Ceramic - adjustments / crown cutting
RDRAZ14M		Zirconia smoothing polisher
RDRAZ14F		Zirconia polishing polisher
RDRAE14M		Lithium Disilicate smoothing polisher
RDRAE14F		Lithium Disilicate polishing polisher



CAT#: CERECKIT1-RBY

Cera-Burs - Mini Introduction Kit

Code	Profile
856L-018PF	
801-022PF	
379-023PF	
878K-022PF	

Introductory kit for Ruby's specialized bur line.



CAT#: MINIMAGICT1-RBY

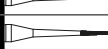
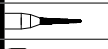
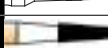
Full Orthodontic Kit

Ruby's cutting edge new Orthodontic kit is a precise tooth IPR and Composite attachment removal system.

This kit includes all of the necessary Diamonds, T&F 12 fluted Carbides and adhesive removal polishers.

Notably featured in this kit are unique and precise Diamond burs that contain special diameters ranging from 0.2 - 0.65 mm.

This allows the doctor to achieve the desired tooth IPR and contouring as quickly and accurately as possible.

Code	Profile	Application
465-031SF		Interproximal stripping Diamond bur - 0.3 mm
465-031PF		Interproximal stripping Diamond bur - 0.4 mm
858-005/SF		Interproximal stripping Diamond bur - 0.45 mm
858-005/PF		Interproximal stripping Diamond bur - 0.5 mm
392-016F		Interproximal stripping Diamond bur
852-005/SF		Interproximal stripping Diamond bur - 0.55 mm
852-005/PF		Interproximal stripping Diamond bur - 0.65 mm
FG-EF6		FG - bond removal 12 blades Carbide bur
FG7902		FG - bond removal 12 blades Carbide bur
FG-M31SF		FG - bond removal 12 blades Carbide bur
RA7006		RA - bond removal 12 blades Carbide bur
RA-K2RSF		RA - bond removal 12 blades Carbide bur
RORTHORA17C		Bond removal polisher
RORTHORA16C		Bond removal polisher



CAT#: ORTHOKIT1-RBY

IPR Stripping Kit

This kit includes all of the necessary Diamonds for IPR stripping.

Incorporated in this kit are unique and precise Diamond burs that contain special diameters ranging from 0.2 - 0.65 mm.

This level of accuracy allows the doctor to achieve the desired tooth IPR and contouring as quickly and accurately as possible.

Code	Profile	Application
465-031SF		Interproximal stripping Diamond bur - 0.3 mm
465-031PF		Interproximal stripping Diamond bur - 0.4 mm
858-005/SF		Interproximal stripping Diamond bur - 0.45 mm
858-005/PF		Interproximal stripping Diamond bur - 0.5 mm
392-016F		Interproximal stripping Diamond bur
852-005/SF		Interproximal stripping Diamond bur - 0.55 mm
852-005/PF		Interproximal stripping Diamond bur - 0.65 mm



CAT#: IPRKIT1-RBY

Crown Preparation Carbide Kit

Long, specially shaped Carbide burs for crown preparation.

Code	Profile
368-023	
847-012	
847-014	
847-016	
856-012	
856-014	
856-016	



CAT #: BUKIT1-RBY

RA Carbide Introductory Kit

RA Carbide burs - introductory kit.

Code	Profile
RA1/4	
RA1/2	
RA1	
RA2	
RA3	
RA4	
RA5	
RA6	
RA7	
RA8	



CAT #: RAKIT1-RBY

Crown Removal Kit

A complete kit for Zirconia / Lithium Disilicate / Porcelain crown removal.

Code	Profile
856L-018PF	
862-014PF	
856L-018C	
FGB1558	
FGB331	
FG-C11	



CAT #: CRCUT1-RBY

Tungsten Carbide Burs

The value of Precision

A prime example of Ruby's long standing tradition of exceeding market standards and expectations is our highly accurate, incredibly well made single piece Tungsten Carbide bur. This bur offers zero vibration, superior durability and optimal cutting efficiency.

Blades sharpness and specific configurations result in optimal cutting, efficient finishing and outstanding durability.

Shank Types

					
FG-SS	FG	FG-OS	RA	RA-OS	HP
Ø 1.6	Ø 1.6	Ø 1.6	Ø 2.35	Ø 2.35	Ø 2.35
L=16 mm	L=19 mm	L=24 mm	L=22 mm	L=26 mm	L=44.5 mm

6 Blades Operative & Surgical

Round

										
Code	1/4	1/2	1	2	3	4	5	6	7	8
ISO No.										
Head Size	005	007	008	010	012	014	016	018	021	023
Head Length	0.4	0.6	0.6	0.8	1	1.1	1.2	1.5	1.9	1.9
FG	←	←	←	←	←	←	←	←	←	←
FGSS				←		←		←		←
FGOS	←	←	←	←	←	←		←		←
RA	←	←	←	←	←	←	←	←	←	←
RAOS		←	←	←	←	←		←		←
HP	←	←	←	←	←	←	←	←	←	←

Round

Pear

Amalgam Prep

Pear

				
Code	329	330	331	332
ISO No.				
Head Size	006	008	010	012
Head Length	2	2	2	2
FG	←	←	←	←
FGSS		←		
FGOS				
RA		←		

Amalgam Prep

				
Code	245	246	256	257
ISO No.				
Head Size	008	012	010	012
Head Length	3	3.9	3	5.5
FG	←	←	←	←
FGSS	←			
FGOS				
RA	←			

End Cutting

Inverted Cone

							
Code	33 1/2	34	35	36	37	38	39
ISO No.							
Head Size	007	008	010	012	014	016	018
Head Length	0.7	1	1.2	1.4	1.4	1.6	1.9
FG	←	←	←	←	←	←	←
FGSS			←				
FGOS							
RA	←	←	←		←		

End Cutting

		
Code	956	957
ISO No.		
Head Size	008	010
Head Length	3.9	4.2
FG	←	←
FGSS	←	←
FGOS		
RA		

Inverted Cone

6 Blades Operative & Surgical

Round End Cross Cut Fissure

			
Code	1556	1557	1558
ISO No.			
Head Size	009	010	012
Head Length	4.1	4.1	4.1
FG	←	←	←
FGSS		←	
FGOS		←	←
RA			

Round End Fissure

				
Code	1155	1156	1157	1158
ISO No.				
Head Size	008	009	010	012
Head Length	4.1	4.1	4.1	4.1
FG	←	←	←	←
FGSS				←
FGOS				←
RA				

Round End
Tapered Fissure

Round End
Fissure

Round End
Cross Cut
Fissure

Round End Tapered Fissure

				
Code	1169	1170	1171	1172
ISO No.				
Head Size	009	010	012	016
Head Length	4.1	4.1	4.1	4.1
FG	←	←	←	←
FGSS				
FGOS				
RA				

Fissure

					
Code	56	57	58	58L	59
ISO No.					
Head Size	009	010	012	012	014
Head Length	4	4.4	4.5	5	4.5
FG	←	←	←	←	←
FGSS					
FGOS					
RA		←			

Round End Cross Cut Tapered Fissure

	
Code	1702
ISO No.	
Head Size	016
Head Length	4.1
FG	←
FGSS	
FGOS	←
RA	

Long Cross Cut Tapered Fissure

			
Code	700L	701L	702L
ISO No.			
Head Size	010	012	016
Head Length	5.5	5.5	5.5
FG	←	←	←
FGSS			
FGOS			
RA			

Fissure

Round End Cross Cut
Tapered Fissure

Long Cross Cut
Tapered Fissure

6 Blades Operative & Surgical

Tapered Fissure

				
Code	167	169	170	171
ISO No.				
Head Size	007	009	010	012
Head Length	4.1	4.1	4.1	4.1
FG	←	←	←	←
FGSS				←
FGOS				
RA				

Long Tapered Fissure

			
Code	169L	170L	171L
ISO No.			
Head Size	009	010	017
Head Length	5.5	5.7	5.7
FG	←	←	←
FGSS			
FGOS			
RA			

Cross Cut Fissure

					
Code	556	557	558	559	560
ISO No.					
Head Size	009	010	012	014	016
Head Length	4	4.5	4.5	4.5	4.5
FG	←	←	←	←	←
FGSS	←	←			
FGOS	←	←	←	←	
RA	←	←			
HP	←	←	←	←	←

Cross Cut Tapered Fissure

					
Code	699	700	701	702	703
ISO No.					
Head Size	009	010	012	016	021
Head Length	4	4	4.5	4.5	5
FG	←	←	←	←	←
FGSS					
FGOS			←	←	←
RA	←	←			
HP				←	←

Cross Cut Tapered Fissure



Cross Cut Fissure



Long Tapered Fissure



Tapered Fissure



12 / 30 Blades Trimming & Finishing

- ◆ 12 Blades: High Quality contouring and finishing
- ◆ 30 Blades: Final surface refinement and satin polishing

Produces a satin finish ready for final polishing.

Detailed finishing and texturizing of surface anatomy.



Round

Code	7003	7004	7006	7008	7009
ISO No.	9004	9006	9008		
Head Size	012	014	018	023	027
Head Length	1.2	1.2	1.9	2.3	2.5
12 Flutes FG	←	←	←	←	←
30 Flutes FG		←	←	←	
12 Flutes RA			←		

* The head length refers to the 12 blades, there might be slight deviations for the 30 blades

Long Pear

Code	7303	7304
ISO No.		
Head Size	012	014
Head Length	5	5
12 Flutes FG	←	←
30 Flutes FG		

Interproximal

Code	7103
ISO No.	
Head Size	012
Head Length	4
12 Flutes FG	←
30 Flutes FG	

Tapered

12 Flutes	7611	7612	7702	7713	7714
30 Flutes					9714
Head Size	010	014	010	012	014
Head Length	4.3	6.2	5.5	5.5	8.5
12 Flutes FG	←	←	←	←	←
30 Flutes FG					←

12 / 30 Blades Trimming & Finishing



Needle

			
12 Flutes	7901	7902	7903
30 Flutes			9903
Head Size	009	010	012
Head Length	4	4.5	4.5
12 Flutes FG	←	←	←
30 Flutes FG			←

Parallel Bevel

	
12 Flutes	7283-2
30 Flutes	
Head Size	012
Head Length	8
12 Flutes FG	←
30 Flutes FG	

Chamfering

	
12 Flutes	7345
30 Flutes	
Head Size	015
Head Length	4.5
12 Flutes FG	←
30 Flutes FG	

Curettage

		
12 Flutes	7283k6	7282k6
30 Flutes		
Head Size	016	016
Head Length	8	6
12 Flutes FG	←	←
30 Flutes FG		

12 / 30 Blades Trimming & Finishing



Straight Cylinder

12 Flutes	7572
30 Flutes	
Head Size	012
Head Length	5.5
12 Flutes FG	←
30 Flutes FG	

Round End Taper

12 Flutes	7642	7653	7664	7675
30 Flutes				
Head Size	010	012	014	016
Head Length	6.5	8	8	9
12 Flutes FG	←	←	←	←
30 Flutes FG				

Tapered

12 Flutes	7114	7204	7205	7206	7214
30 Flutes					
Head Size	009	014	016	018	012
Head Length	3.5	9	9	9	5.5
12 Flutes FG	←	←	←	←	←
30 Flutes FG					



Composite Trimming

12 Flutes	EF3	EF4	EF6	EF9
30 Flutes	UF3	UF4	UF6	UF9
Head Size	008	010	014	014
Head Length	3.5	4.2	6	8.5
12 Flutes FG	←	←	←	←
30 Flutes FG	←	←	←	←



12 / 30 Blades Trimming & Finishing

Bullet

Flame

Egg Shape



Egg Shape

12 Flutes	7404	7406	7408
30 Flutes	9404	9406	9408
Head Size	014	018	023
Head Length	3.5	4	4
12 Flutes FG	←	←	←
30 Flutes FG	←	←	←

Flame

12 Flutes	7102	7104	7106	7108
30 Flutes				
Head Size	012	014	018	023
Head Length	3.5	3.5	4	4.5
12 Flutes FG	←	←	←	←
30 Flutes FG				

Bullet

12 Flutes	7801	7802	7803
30 Flutes	9801		9803
Head Size	009	010	012
Head Length	3.5	3.5	3.5
12 Flutes FG	←	←	←
30 Flutes FG	←		←

Orthodontic Burs

12 Flutes FG	FG-K2RSF	FG-M31SF	FG7006
12 Flutes RA	RA-K2RSF	RA-M31SF	RA7006
Head Size	023	016	018
Head Length	4.4	8	1.9



Sharp X Metal Cutting

Ruby's cutting edge one-piece solid Carbide bur offers a number of benefits:

- ♦ Great performance
- ♦ Cut through precious and non-precious Metals quick and easily
- ♦ Special cross-cuts reduce chatter, breakage and offer improved control
- ♦ No grabbing, stalling or breaking while cutting through Amalgam or Metals

Cross Cut Tapered Fissure

Code	B701	B702
Head Size	012	016
Head Length	4.1	4.1
FG		

Round

Code	B2	B4	B6	B8
Head Size	010	014	018	023
Head Length	0.8	1.1	1.5	1.9
FG				

Round End Cross Cut Fissure

Code	B1557	B1558
Head Size	010	012
Head Length	4.1	4.1
FG		

Cross Cut Fissure

Code	B556	B557	B558
Head Size	009	010	012
Head Length	4.1	4.1	4.1
FG			

Inverted Cone

Code	B34	B35	B37
Head Size	008	010	014
Head Length	0.7	1.1	1.1
FG			

Pear

Code	B330	B331	B245
Head Size	008	010	008
Head Length	2	2	2.8
FG			



Round End Cross
Cut Fissure

Round

Cross Cut
Tapered Fissure



SHARP X ULTRA Metal Cutting

Ruby's Tungsten Carbide burs are technologically designed to provide great improvements in:

- ♦ Implants processing
- ♦ Crown cutting
- ♦ Crown and bridge preparation

The one-piece solid Carbide construction results in a longer lasting, smoother cutting instrument.



Code	368-023	847-012	847-014	847-016	847-018	856-012	856-015	856-016	856-018
Description	Football	Flat End Taper				Round End Taper			
Head Length	4.5	8	8	8	8	8	8	8	8
Head Size	023	012	014	016	018	012	014	016	018

Round End Taper

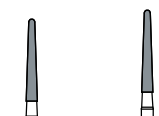
Flat End Taper

Football

Zekrya

A unique cutting tip and 6 helical flutes design.

- ♦ The ideal bur selection for sectioning an impacted wisdom tooth prior to its extraction
- ♦ Separating and removing roots



Code	Zekrya23	Zekrya28
Head Size	016	016
Head Length	11	11
Total Length	23	28
FG		

Zekrya

Lindemann

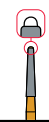
Endo Access

Endo Access

Endo Safe End Bur

A specially designed Carbide bur with a non-cutting safe-end tip.

- ♦ Safely widens the pulp chamber without perforation and ledging
- ♦ Creates a funnel shape to allow easier access to root canals
- ♦ Prevents penetration of the pulp chamber floor

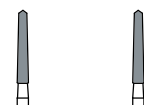


Code	EndoZ
Head Size	016
Head Length	9
Total Length	23
FG	

Lindemann

A Premium bur made from a single piece of Tungsten Carbide.

- ♦ Aggressive cutting of bone structure
- ♦ Unique geometrical design efficiently cutting hard tissue or bone tissue while removing the debris



Code	Lindemann161	Lindemann162
Head Size	016	016
Head Length	10	10
Total Length	25	25
FG		
RA		
Blade Geometry	Plain Cut	Cross Cut

Available in HP upon request

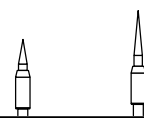
Soft Tissue Trimming

The Ceramic soft tissue trimmer bur is a rotary instrument offering an alternative to using other surgical instruments such as a scalpel, electro surgery and surgical blades.

- ♦ Using the tissue trimmer provides minimum bleeding
- ♦ The biocompatible hard oxide points are made to cut tissue without burning



Tissue Trimmer



Code	FG-CER	FG-CEROS
Head Size	015	015
Head Length	5	8
Total Length	22.5	25
FG		

Minimal Invasive Carbide

Minimally invasive Endodontic work and the opening of fissures is made easier with these Carbide RA Burs.

							
Code	RA2-MA-L	RA3-MA-L	RA4-MA-L	RA5-MA-L	RA6-MA-L	RA7-MA-L	RA8-MA-L
Head Size	10	12	14	16	18	21	23
Total Length	26	26	26	26	26	26	26
RAOS							



Trephine Bur

Surgical burs for bone grafting

Code	Size	Ø Outer	Ø Inner	Drilling Depth
TB3X4	040	4,0 mm	3,0 mm	max. 16,0 mm
TB4X5	050	5,0 mm	4,0 mm	max. 16,0 mm
TB5X6	060	6,0 mm	5,0 mm	max. 16,0 mm

- ♦ The burs are made from high quality surgical grade stainless steel
- ♦ Laser depth marking for easy identification
- ♦ Different shapes and sizes are available upon request



Polishing Products

Porcelain Polishers – RA

Ruby offers a comprehensive solution in the form of combining our CERA-burs with our Diamond Polishers:

- ♦ Adjust restorations in the clinic without the need of sending them back to the lab
- ♦ Porcelain adjustment kit enables precise adjustments
- ♦ Diamond polisher will bring back the high-lustre polish



Code	RD-RA-16F	RD-RA-16M	RD-RA-16C	RD-RA-17F	RD-RA-17M	RD-RA-17C	RD-RA-8F	RD-RA-8M	RD-RA-8C
Grit	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse
Size (mm)	4 x 10				6 x 7.5			11 x 2	
Shape	Flame				Cup			Wheel	
RPM	7.000 – 12.000 min-1 max. 20.000 min-1								









Code	RD-RA-14F	RD-RA-14M	RD-RA-14C	RD-RA-18F	RD-RA-18M	RD-RA-18C
Grit	Fine	Medium	Coarse	Fine	Medium	Coarse
Size (mm)	1.6 x 14				10 x 2.5	
Shape	Spiral				Lens	
RPM	7.000 – 12.000 min ⁻¹ max. 20.000 min ⁻¹					

Zirconia Polishers – RA

RA Diamond polisher for Zirconia – smoothing, polishing and giving a final shiny look











Code	RD-RA-Z16F	RD-RA-Z16M	RD-RA-Z17F	RD-RA-Z17M	RD-RA-Z18F	RD-RA-Z18M	RD-RA-Z14F	RD-RA-Z14M
Grit	Fine	Medium	Fine	Medium	Fine	Medium	Fine	Medium
Size (mm)	4 x 10		6 x 7.5		10 x 2.5		14 x 1.6	
Shape	Flame		Cup		Lens		Spiral	
RPM	7.000 – 12.000 min-1 max. 20.000 min-1							

Lithium Disilicate Polishers – RA

A specialized RA Diamond polisher for Lithium Disilicate – smoothing, polishing and giving a final shiny look.











Code	RD-RA-E16F	RD-RA-E16M	RD-RA-E17F	RD-RA-E17M	RD-RA-E18F	RD-RA-E18M	RD-RA-E14F	RD-RA-E14M
Grit	Fine	Medium	Fine	Medium	Fine	Medium	Fine	Medium
Size (mm)	4 x 10		6 x 7.5		10 x 2.5		14 x 1.6	
Shape	Flame		Cup		Lens		Spiral	
RPM	7.000 – 12.000 min-1 max. 20.000 min-1							

Composite Polishers – RA

A specialized RA Diamond polisher for Composite – smoothing, polishing and giving a final shiny look.












Code	RCP-RA-16F	RCP-RA-16M	RCP-RA-17F	RCP-RA-17M	RCP-RA-10F	RCP-RA-10M	RCP-RA-14F	RCP-RA-14M
Grit	Fine	Medium	Fine	Medium	Fine	Medium	Fine	Medium
Size (mm)	4 x 10		6 x 7.5		11 x 1.6		14 x 1.6	
Shape	Flame		Cup		Spiral		Spiral	
RPM	3.000 – 8.000 min-1 max. 20.000 min-1							

Composite Silicone Polishers – RA

A specialized RA Silicone polisher for Composite - smoothing, polishing and giving a final shiny look



Code	RSI-RA-16F	RSI-RA-16M	RSI-RA-11F	RSI-RA-11M	RSI-RA-17F	RSI-RA-17M	RSI-RA-9F	RSI-RA-9M
Grit	Fine	Medium	Fine	Medium	Fine	Medium	Fine	Medium
Size (mm)	5 x 10		3 x 7,5		7 x 10		11 x 2,5	
Shape	Flame		Flame		Cup		Lens	
RPM	5.000 – 8.000 min-1 max. 20.000 min-1							

Metal Polishers – RA

A thorough two step polishing system for pre-polishing and polishing Gold and Amalgam



Code	RM-RA-16F	RM-RA-16M	RM-RA-11F	RM-RA-11M	RM-RA-7F	RM-RA-7M	RM-RA-9F	RM-RA-9M
Grit	Fine	Medium	Fine	Medium	Fine	Medium	Fine	Medium
Size (mm)	5 x 10		3 x 7,5		7 x 10		11 x2,5	
Shape	Flame		Flame		Cup		Lens	
RPM	7.000 – 12.000 min-1 max. 20.000 min-1							

Metal Diamond Strips

Ruby Metal Diamond Strips are made from choice materials, of the highest possible quality and are available with and without perforations.

- ♦ All strips superbly crafted to highest quality
- ♦ All strips are single sided with gaps
- ♦ Reusable and autoclavable
- ♦ Length of 150mm

Code	SF	F	M	Width (mm)	Side	Perforated
DS-SG4X150	←	←	←	4	Single	No
DS-PSG4X150	←	←	←	4	Single	Yes
DS-PD4X150			←	4	Double	Yes
DS-SG6X150	←	←	←	6	Single	No
DS-PSG6X150	←	←	←	6	Single	Yes



Metal Abrasive Strips

Our Metal Abrasive strips are made to the highest standards.

- ♦ Strips available with and without gaps
- ♦ Single and double sided strips available
- ♦ Reusable and autoclavable
- ♦ Length of 150mm

Code	SF	F	M	C	Width (mm)	Side	Gap
RS-S2X150		←	←		2	Single	No
RS-S4X150	←	←	←	←	4	Single	No
RS-SG4X150	←	←	←	←	4	Single	Yes
RS-D4X150			←		4	Double	No
RS-DG4X150			←		4	Double	Yes
RS-S6X150	←	←	←	←	6	Single	No
RS-D6X150			←		6	Double	No
RS-S8X150			←	←	8	Single	No



Polyester Abrasive Discs

Flexible polishing discs coated with Aluminum oxide for scaling, buffing and polishing of Composites.

Also available as a kit:

SF-DISC Set10 / Disc 10 / 4x100 pieces – Code DA-10SET

SF-DISC Set14 / Disc 14 / 4x100 pieces – Code DA-14SET



Code 14mm	DA-14SF	DA-14F	DA-14M	DA-14C
Code 10mm	DA-10SF	DA-10F	DA-10M	DA-10C
Grit	Super Fine	Fine	Medium	Coarse
RPM	RPM 7.000 – 12.000 min-1 max. 20.000 min-1			



MNDR-RA-DA

ECO Polishers - RA

Universal polishers for shaping and smoothing Ceramic, Composite, Metal and Acrylic.



Code	RU-RA-16M	RU-RA-11M	RU-RA-7M	RU-RA-9M
Grit	Medium	Medium	Medium	Medium
Size (mm)	5 x 10	3 x 7,5	7 x 10	11 x 2,5
Shape	Flame	Flame	Cup	Lens
RPM	RPM 7.000 – 12.000 min-1 max. 20.000 min-1			

Spiral Introductory Kit



Introduction kit to the spiral polishers.

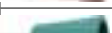
A complete kit that contains all the needed polishers for Composite, Porcelain, Lithium Disilicate and Zirconia. The polisher are self-adjusting to the tooth morphology.



Code	Profile	Application
RCP-RA-14M		Flexible spiral medium Diamond polisher for Composite smoothing
RCP-RA-14F		Flexible spiral fine Diamond polisher for Composite polishing
RD-RA-14C		Flexible spiral coarse Diamond polisher for Porcelain contouring
RD-RA-14M		Flexible spiral medium Diamond polisher for Porcelain smoothing
RD-RA-14F		Flexible spiral fine Diamond polisher for Porcelain polishing
RD-RA-E14M		Flexible spiral medium Diamond polisher for Lithium disilicate smoothing
RD-RA-E14F		Flexible spiral fine Diamond polisher for Lithium disilicate polishing
RD-RA-Z14M		Flexible spiral medium Diamond polisher for Zirconia smoothing
RD-RA-Z14F		Flexible spiral fine Diamond polisher for Zirconia polishing

Polishers Kits - RA

Metal Polishers Kit

Code	Profile
RM-RA-16M	
RM-RA-16F	
RM-RA-11M	
RM-RA-11F	
RM-RA-7M	
RM-RA-7F	
RM-RA-9M	
RM-RA-9F	



CAT#: RMRA-INTRO-RBY

Composite Silicon Polishers Kit

Code	Profile
RSI-RA-16M	
RSI-RA-16F	
RSI-RA-11M	
RSI-RA-11F	
RSI-RA-17M	
RSI-RA-17F	
RSI-RA-9M	
RSI-RA-9F	



CAT#: RSI-INTRO-RBY

ECO Polishers Kit

Code	Profile
RU-RA-11M	
RU-RA-7M	
RU-RA-9M	
RU-RA-16M	



3 of each
CAT#: RURA-INTRO-RBY

Porcelain Polishers – HP

Smart choices bring about superior results.

The Diamond polishers combined with Ruby's CERA-burs allows the dentist to make adjustments to Ceramics. Our Porcelain adjustment kit will make the adjustments and the polisher will bring back the high-lustre polish.



CONTAINS DIAMONDS

									
Code	RD-HP-2F	RD-HP-2M	RD-HP-2C	RD-HP-17F	RD-HP-17M	RD-HP-17C	RD-HP-26F	RD-HP-26M	RD-HP-26C
Grit	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse
Size (mm)	4 x 13			17 x 2.5			26 x 2		
Shape	Flame			Wheel			Disc		
RPM	7.000 – 12.000 min-1 max. 20.000 min-1								



CONTAINS DIAMONDS

Code	RD-HP-SP26F	RD-HP-SP26M	RD-HP-SP26C
Grit	Fine	Medium	Coarse
Size (mm)	26 x 2		
Shape	Spiral		
RPM	7.000 – 12.000 min-1 max. 20.000 min-1		

Zirconia Polishers – HP

HP Diamond polisher for Zirconia – smoothing, polishing and giving a final shiny look

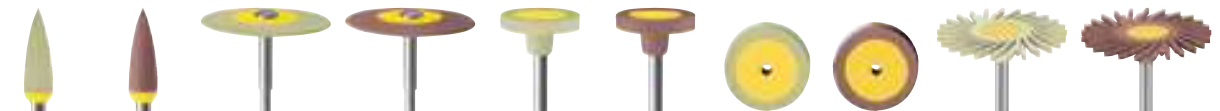


CONTAINS DIAMONDS

Code	RD-HP-Z2F	RD-HP-Z2M	RD-HP-Z17F	RD-HP-Z17M	RD-HP-Z26F	RD-HP-Z26M	RD-HP-SPZ26F	RD-HP-SPZ26M
Grit	Fine	Medium	Fine	Medium	Fine	Medium	Fine	Medium
Size (mm)	4 x 13		17 x 2.5		26 x 2		26 x 2	
Shape	Flame		Wheel		Disc		Spiral	
RPM	7.000 – 12.000 min-1 max. 20.000 min-1							

Lithium Disilicate Polishers – HP

HP Diamond polisher for Lithium Disilicate – smoothing, polishing and giving a final shiny look.



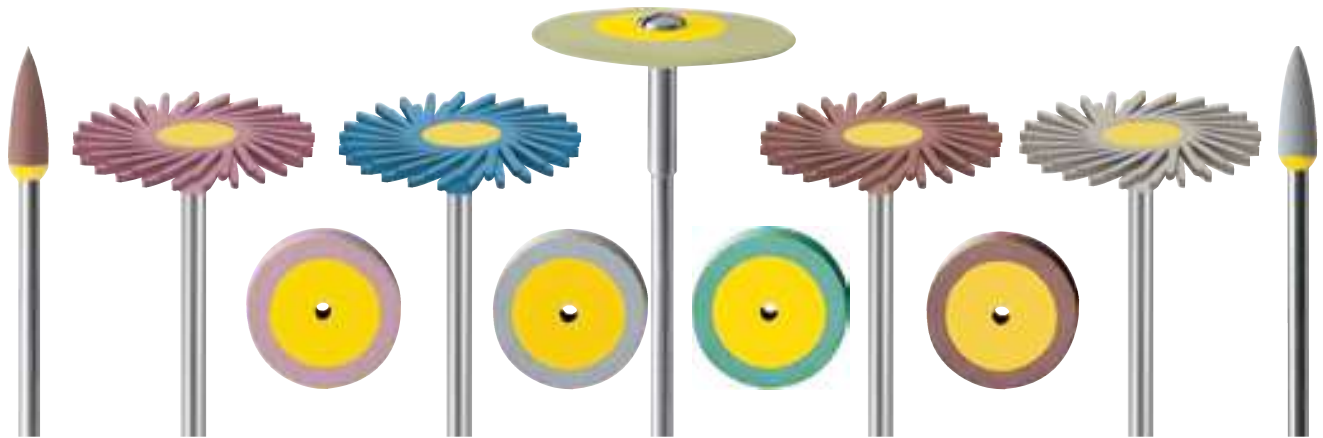
Code	RD-HP-E2F	RD-HP-E2M	RD-HP-E26F	RD-HP-E26M	RD-HP-E8F	RD-HP-E8M	RD-HP-E17F	RD-HP-E17M	RD-HP-SPE26F	RD-HP-SPE26M
Grit	Fine	Medium	Fine	Medium	Fine	Medium	Fine	Medium	Fine	Medium
Size (mm)	4 x 13		26 x 2		11 x 2		17 x 2.5			26 x 2
Shape	Flame		Disc		Wheel		Wheel			Spiral
RPM	7.000 – 12.000 min-1 max. 20.000 min-1									

ECO Polishers - HP

Polishers for shaping and smoothing Ceramic, Composite, Metal and Acrylic.



Code	RU-HP-17M	RU-HP-26M	RU-HP-7M
Grit	Medium	Medium	Medium
Size (mm)	22 x 3	22 x 4	7 x 20
Shape	Square-Edge wheel	Knife edge wheel	Barrel
RPM	7.000 – 10.000 min-1 max. 20.000 min-1		



Acrylic Polishers - HP

Three step polishing system for prosthetic Acrylics.



Code	RAC-HP-32SC	RAC-HP-32M	RAC-HP-32F	RAC-HP-34SC	RAC-HP-34M	RAC-HP-34F
Grit	Super Coarse	Medium	Fine	Super Coarse	Medium	Fine
Size (mm)	10 x 20			10 x 24		
Shape	Torpedo			Bullet		
RPM	5.000 – 7.000 min-1 max. 15.000 min-1					

Metal Polishers - HP

Two step polishing system for pre-polishing and polishing Gold and Amalgam.



Code	RM-HP-17F	RM-HP-17M	RM-HP-26F	RM-HP-26M	RM-HP-7F	RM-HP-7M
Grit	Fine	Medium	Fine	Medium	Fine	Medium
Size (mm)	22 x 3		22 x 4		7 x 20	
Shape	Square – Edge		Knife – Edge		Barrel	
RPM	7.000 – 10.000 min-1 max. 20.000 min-1					

Ceramic Grinders - HP

Two step polishing system for pre-polishing and polishing Gold and Amalgam.



Code	RD-HP-L22M	RD-HP-L13M	RD-HP-L14M	RD-HP-L17M
Grit	Medium	Medium	Medium	Medium
Size (mm)	22 x 4.5	3.5 x 11	4.8 x 13	15 x 3.5
Shape	Wheel	Flat end taper	Flat end taper	Wheel
RPM	15.000 – 25.000 min-1 max. 35.000 min-1			



Code	RD-HP-L2SC	RD-HP-L14SC	RD-HP-L8SC
Grit	Super coarse	Super coarse	Super coarse
Size (mm)	4 x 10	5 x 13	12 x 2
Shape	Flat end taper	Flat end cylinder	Wheel
RPM	15.000 – 25.000 min-1 max. 35.000 min-1		

Acrylic Polisher Kit - HP

Three step polishing system for prosthetic Acrylics.

Code	Profile
RM-RA-16M	
RM-RA-16F	
RM-RA-11M	
RM-RA-11F	
RM-RA-7M	
RM-RA-7F	



CAT#: RACHP-INTRO -RBY

Special Ceramic Grinders Kit - HP

Grinders for removing and shaping Ceramic and Metal.

Code	Profile
RD-HP-L14SC	
RD-HP-L2SC	
RD-HP-L8SC	



CAT#: RDHPL-INTRO -RBY

Diamond Polishing Paste

Paste contains Diamond particles to achieve high shine appearance.

The polishing paste can polish Ceramics, Metals and Composite restorations.
The Diamond polishing paste is recommended for lab or clinic use.
Each easy to use syringe contains 2.5 Grams.
The sets include 3 grit sizes and a leather buff for easy application.
To receive a bright shiny polish surface use all 3 grit sizes from fine to Extra Extra Fine.



STP/DENTAL-SET2

HP-L BUFF

Individual

- Super Fine 1 micron STP/DENTAL2.5-SF
- Fine – 2 micron STP/DENTAL2.5-F
- Extra Extra Fine 0.5 micron STP/DENTAL2.5-XXF

White Stone - FG

White Stones are designed for contouring and finishing of Enamel, Composites and Porcelains.



Code	RWA-FL2-12	RWA-CN1-12	RWA-RD1-12	RWA-RD2-12
Description	Flame	Needle	Round	Egg
Head Length	7	9	3.5	5
Head Diameter	2.5	2.5	3.5	2.5
Total Length	19	19	3.5	19

Metal Polishers - FG



Code	RM-FG-2C	RM-FG-3C	RM-FG-2M	RM-FG-3M	RM-FG-2F	RM-FG-3F
Grit	Coarse	Coarse	Medium	Medium	Fine	Fine
Size	3 x 6.5	6 x 8	3 x 6.5	6 x 8	3 x 6.5	6 x 8

Polishers for precious alloys, Amalgam and Composite.

Grey = 1st step: Shaping
Brown = 2nd step: Smoothing
Green = 3rd step: High lusture polishing

Applications:

Amalgam and Composites alloys, preparation and high lusture polishing.

Orthodontic Polishers - RA

Debonding of brackets adhesive.

Leaves a smooth surface.



Code	RA-ORTHO-16C	RA-ORTHO-17C
Grit	Coarse	Coarse
Size	5 x 10 mm	6 x 7,5 mm
Shape	Flame	Cup

Laboratory Products

HP Hand Pieces

This advanced Ruby HP product range is now commonly found in both dental laboratories and in the jewelry industry.

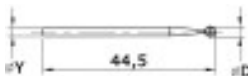
Measurements:

- ♦ Total length 44.5 mm
- ♦ Shank - 2.35 mm (3 mm is also available upon request)
- ♦ Grit Size: Medium (Other grit sizes are available upon request)

Round



Code	H11	H12	H13	H14	H14B
D1	1.3	1.8	2.0	2.9	5.0
D2					
T					

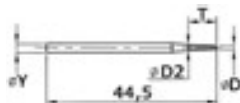


Flat End Taper



Code	H18	H19	H26	H27
D1	1.0	1.3	1.7	2.5
D2	1.6	2.1	2.1	3.3
T	4.6	7.7	4.6	9.4

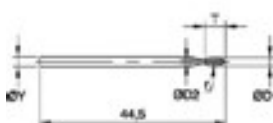
✱ Total length 48.5 mm.



Football



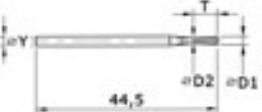
Code	H37
D1	2.3
D2	
T	8



Inverted Cone 25°



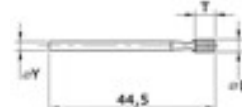
Code	H15	H16	H17
D1	1.5	2.6	2.3
D2	1.3	2.1	1.9
T	1.8	2.8	6.2



Cylindrical



Code	H20	H21	H22	H23	H23B
D1	1.6	1.9	2.5	3.5	4.9
D2					
T	4.6	5.0	5.2	5.8	7.4

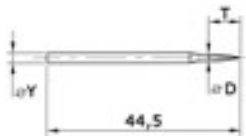


HP Hand Pieces

Flame



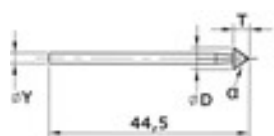
Code	H25
D1	1.8
D2	
T	8.5



Cone



Code	H24	H32
D1	2.5	5.1
D2		
T	6.4	4.3
α	16	70



Knife



Code	H31
D1	6.1
D2	
T	2.3



End Cut



Code	H35	H36
D1	6.2	8.2
D2		
T	3.1	3.3



Round End Taper



Code	H27R	H19R
D1	3.3	2.2
D2	2.6	1.3
T	9.4	10
r	1.5	



Wheel



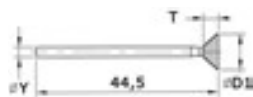
Code	H28	H29	H30
D1	5.3	5.4	6.4
D2			
T	0.8	2.0	2.0



Inverted Cone 75°



Code	H33	H34
D1	6.2	8.2
D2		
T	3.1	3.3



Diamond Discs

Ruby offers a wide spectrum of Diamond discs designed to tackle a multitude of tasks which include the fabrication, contouring, and shaping of dental restorative materials.

- ♦ Available in the most popular shapes and in 3 grit sizes
- ♦ Mounted on 2.35 mm shank mandrel
- ♦ Individually packed and color coded for easy identification



Double Sides

	top superfine, bottom coarse											
Code	DD/D350-210-017F	DD/D350-210-022F	DD/D350-220-017F	DD/D350-220-022F	DD/D355-190-017F	DD/D355-190-010SF	DD/D355-220-010SF	DD/D355-220-016SF+C	DD/D355-220-017SP/F	DD/D355-220-017F	DD/D355-220-019C	DD/D358-220-019C
Shape	350	350	350	350	355	355	355	355	355	355	355	358
Size	210	210	220	220	190	190	220	220	220	220	220	220
Grit	F	F	F	F	F	SF	SF	SF+C	F	F	C	C
Thickness	0.17	0.22	0.17	0.22	0.17	0.10	0.10	0.16	0.17	0.17	0.19	0.19

Double Sides

Code	DD/D358-220-019F	DD/D379-220-017F	DD/D379-220-022F	DD/D401-220-017SF	DD/D402-220-017F	DD/D402-220-022F	DD/D934-220-017M
Shape	358	379	379	401	402	402	934
Size	220	220	220	220	220	220	220
Grit	F	F	F	SF	F	F	M
Thickness	0.19	0.17	0.22	0.17	0.17	0.22	0.17

One Side

Code	DD/S351-210-010F	DD/S356-220-010F	DD/S356-190-010F	DD/S358-220-010C
Shape	351	356	356	358
Size	210	220	190	220
Grit	F	F	F	C
Thickness	0.10	0.10	0.10	0.10

Plaster Cut Disc

Diamond discs designed to cut Plaster or synthetic resins.

			
Code	DD/D368-400-028F		
Shape	368		
Size	40		
Grit	F		
Thickness	0.28		
Sides	Double		

Code	DD/D333-850-035F		
Shape	333		
Size	85		
Grit Size	F		
Thickness	0.35		
Hole (mm)	20		
Sides	Double		

Angled Discs

			
Code	H77BRSC	H76C	H75M
Shape	Angled disc	Angled disc	Angled disc
Size	210	190	160
Grit Size	SC	C	M
Sides	Single	Single	Single

Carbide Cutters

Carbide cutters - the ideal tool for trimming and shaping Titanium and non-precious Metals and Plaster, without clogging or chattering.

- ♦ High cutting efficiency
- ♦ Available in popular shapes and roughness levels
- ♦ Available on a 2.35 mm shank
- ♦ 44.5 mm length
- ♦ Individually packed and color coded for easy identification

Extra Extra Fine Super Fine



Code	CC141-023XXF
Shape	141
Size	023

Code	CC200-040SF	CC201-045SF	CC275-060SF
Shape	200	201	275
Size	040	045	060

Fine



Code	CC113-060F	CC141-023F	CC187-023F	CC198-016F	CC200-040F	CC201-040F	CC201-070F	CC275-060F	CC277-060F	CC289-023F
Shape	113	141	187	198	200	201	201	275	277	289
Size	060	023	023	016	040	040	070	060	060	023

Medium



Code	CC001-040M	CC001-050M	CC185-023M	CC186-060M	CC198-016M	CC200-045M	CC201-050M	CC201-060M	CC274-045M	CC275-060M
Shape	001	001	185	186	198	200	201	201	274	275
Size	040	050	023	060	016	045	050	060	045	060

Super Coarse



Code	CC200-040SC	CC201-070SC	CC275-060SC
Shape	200	201	275
Size	040	070	060

Coarse



Code	CC001-060C	CC113-060C	CC122-023C	CC186-060C	CC200-040C	CC201-060C	CC275-060C	CC292-060C
Shape	001	113	122	186	200	201	275	292
Size	060	060	023	060	040	060	060	060

Sintered Diamond HP Burs

Our highly specialized Sintered Diamond HP burs are most popular among dental technicians and laboratories.

These exceptional Instruments are made from the finest Industrial Diamonds available anywhere Impregnated in a unique process of Metal bonding.

- ♦ High concentration of Diamonds for a long lasting product lifespan
- ♦ Industry leading cutting performance with excellent surface finish results
- ♦ High durability
- ♦ Reliable, consistent performance over long terms usage



Code	2365-050	2366-031	2367-031	2368-031	2369-031	2370-031	2371-031	2571-050	2572-050	2573-050	2574-050	2575-050	2576-050	1020-100
Head Size (1/10 mm)	50	31	31	31	31	31	31	50	50	50	50	50	50	100
Head Length (mm)	2	5	10	10	10	10	10	10	10	10	10	10	10	2



Code	2573-050L13	2574-050L13	2575-050L13	30180	1012-120
Head Size (1/10 mm)	50	50	50	180	100
Head Length (mm)	13	13	13	0.3	1.2

Please specify the required grit while ordering.

* All items are available in all grit sizes except: 30180 - available only in green and yellow. 1012-120 - available only in blue and yellow.

Diamond Grit Size & Applications	
Processed material	Grit
Non precious and hard Metals (such as Chrome-Cobalt, Titanium)	Super Coarse
Non precious and hard Metals (such as Chrome-Cobalt, Nickel Chrome)	Coarse
Soft and hard Metals (such as Chrome-Cobalt, Nickel Chrome, Gold)	Fine
Ceramics, Porcelain	Medium
Ceramics, Porcelain, Zirconia, Alumina	Fine

Diamond Brushes

Special Diamond impregnated brushes for Ceramic and Composites.
Super fine finishing



HP Cat. No.	DBHP541-070SF	DBHP542-045SF	DBHP543-150SF
RA Cat. No.	DBRA541-070SF	DBRA542-045SF	
Shape	Cup	Flame	Disc
RPM	3.000 min-1		



Cutting Discs



Cat. No.	DFM22-02	DFM22-03	DFP22-02	DFP22-03	DFD22-02	DFD22-03
Dimensions (mm)	22 x 0.2	22 x 0.3	22 x 0.2	22 x 0.3	20 x 0.2	20 x 0.3
RPM	max. 25.000 min-1					
Material	Metal		Porcelain		Zirconia	



Soft Wheels



Cat. No.	HP-LBUFF-F	HP-LBUFF-M
Grit	Fine	Medium
Size (mm)	22 x 3	22 x 3
RPM	5.000 – 7.000 min-1 max. 10.000 min-1	



Bur Blocks

Plastic Bur Blocks

High quality autoclavable plastic bur blocks for FG burs. Organizes the burs in an easy to use, durable bur block – each procedure can have a separate block.

Cat. No.	Description
PKBBP12FG2	Plastic Bur block - 12 FG
PKBBP36FG2	Plastic Bur block - 36 FG
PKBBP72FG2	Plastic Bur block - 72 FG

The base of the block can be autoclaved in up to 135°C.



12FG Bur Block

PKBBP12FG2



36FG Bur Block

PKBBP36FG2



72FG Bur Block

PKBBP72FG2

Metal Bur Blocks

High quality autoclavable Metal bur blocks for FG, RA and HP burs. Organizes the burs in an easy to use, durable bur block – each procedure can have a separate block.

Cat. No.	Description
PKBBM10FG5RA2	Aluminum Bur block - 10 FG + 5 RA
PKBBM18FG9RA2	Aluminum Bur block - 18 FG + 9 RA
PKBBS10FG2	Aluminum Bur block - 10 FG
PKBBM14HP2	Aluminum Bur block - 14 HP

The block can be autoclaved in up to 135°C.



5RA + 10FG Bur Block

PKBBM10FG5RA2



9RA + 18FG Bur Block

PKBBM18FG9RA2



PKBBS10FG2



14HP Bur Block

PKBBM14HP2

Instruction For Use

- ◆ In order to insure user and patient safety it is highly recommended that only qualified dentists should work with dental burs
- ◆ Special attention should be paid to instrument use speed (RPM) in particular when operating with a large head diameter and coarse and super coarse grit sizes
- ◆ Using a bur with a higher than required RPM level could generate undesirable heat
- ◆ Do not force a bur into the turbine
- ◆ In case of difficult access, check both turbine and bur
- ◆ All Ruby dental burs are subject to a factory guarantee and shall be replaced if found defective or do not live up to Ruby production standards
- ◆ A special attention should be paid to reading and understanding instructions of use and maintenance of the turbine
- ◆ Ruby's dental Diamond and carbide burs were designed for repeated use and are autoclavable
- ◆ Please refer to marking on FG packaging for correct use of high speed turbine
- ◆ Be sure to use sufficient amount of water coolant while operating bur
- ◆ Apply a feather touch (up to 150 gram) while working with the bur
- ◆ Do not hold the bur still in a single spot. Maintain constant movement to prevent bur from burning

Single-use burs

- ◆ All sterile burs are delivered fully sterilized and may be used for a single use straight out of packaging
- ◆ Discard burs after single use
- ◆ In case package is damaged or not completely intact the bur is not sterilized. In such case do not use the bur

Reusable burs - Sterilization instruction

- ◆ Sterilize the burs before use
- ◆ Instructions for cleaning and sterilizing Diamond dental burs
- ◆ Disinfect and sterilize the burs before every use

Cleaning

- ◆ Clean burs by dipping them in specially designed disinfection solution that contains a corrosion inhibitor for a minimum of 10 minutes
- ◆ Apply brush for thorough cleaning - if necessary
- ◆ Rinse several times to remove all the disinfection solution

Ultrasonic cleaning

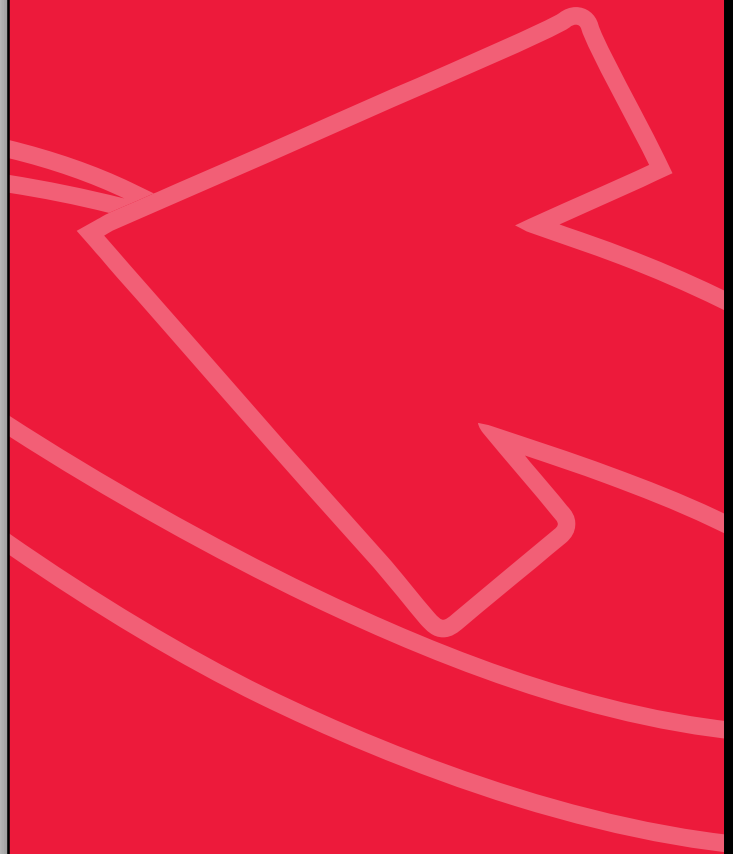
- ◆ Burs may be ultrasonically cleaned by inserting them in bur holders
- ◆ Recommended 5 minute cycles, 5 using a general purpose cleaner
- ◆ Rinse repeatedly

Sterilizing Diamond burs – autoclave

- ◆ Place the burs in sterilization bags
- ◆ Autoclave the burs for a minimum of 10 minutes at a temperature of 135°C.
Following sterilizing or cleaning methods, dry the burs and store in a clean and moisture free environment.

Note:

- ◆ Use sterilizing and cleaning devices and materials according to the manufacturers recommended procedure. It is the responsibility of the user to ensure that sterilization is effective.
- ◆ Sterilization of rubber polishers uses the same process as the reusable burs with one change - please use a specific disinfection solution designed for rubber polishers instead of the solution designed for dental burs





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