Alpen™ ROTARY INSTRUMENTS

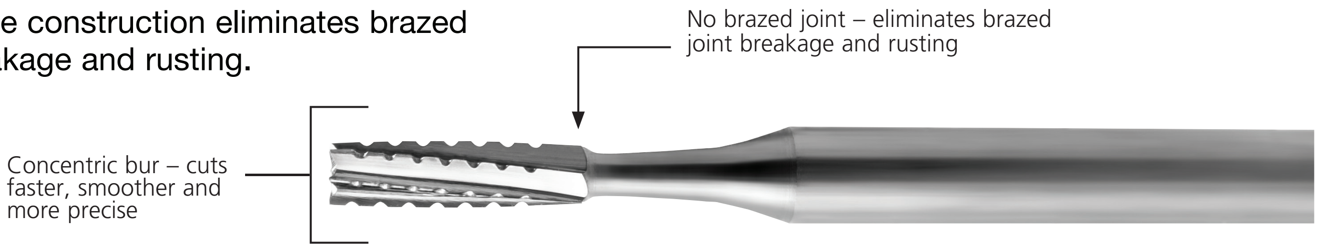
High Performance Rotary Instruments

Four Reasons to Switch to Alpen One-Piece Carbides

The majority of carbides sold today are based on 60-year old, two-piece construction. The new Alpen Carbides provide dentists with a comprehensive line of advanced one-piece carbides.

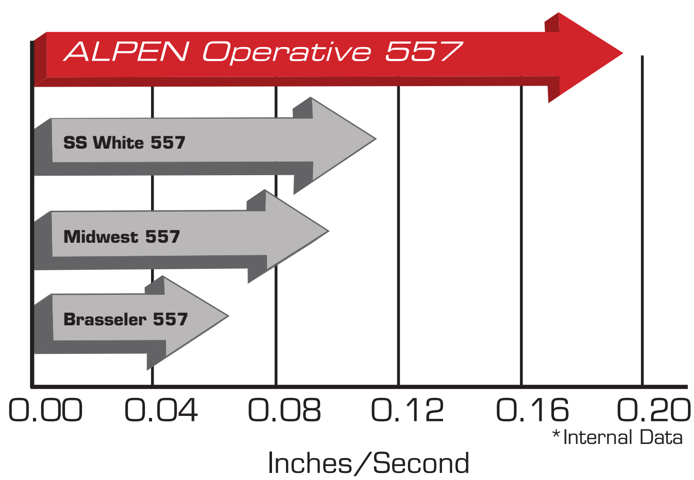
1. Eliminates Joint Breakage

One-piece construction eliminates brazed joint breakage and rusting.



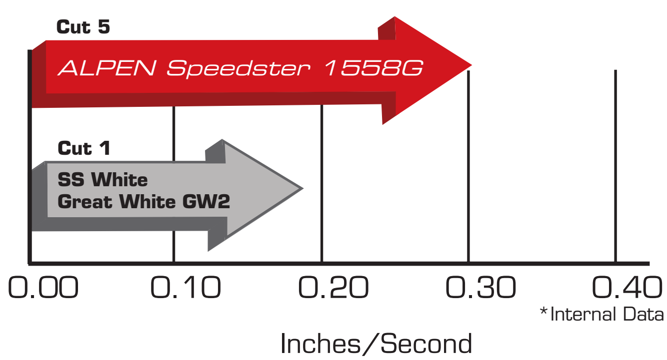
2. Cuts Faster

Alpen Carbides cut up to 4x faster than the competition.*



3. Lasts Longer

Even after 5 cuts Alpen Carbides outperform most competitors' first cuts.*



4. Quality Guaranteed

Quality you would expect from Coltène/Whaledent.

Notes: SS White, SS White Great White GW2, Midwest & Brasseler are not trademarks of Coltène/Whaledent Inc.

* Internal testing performed using bur cutting 3.8" in Macor, an enamel-like material. Macor is not a registered trademark of Coltène/Whaledent Inc.

Why is Concentricity Important?

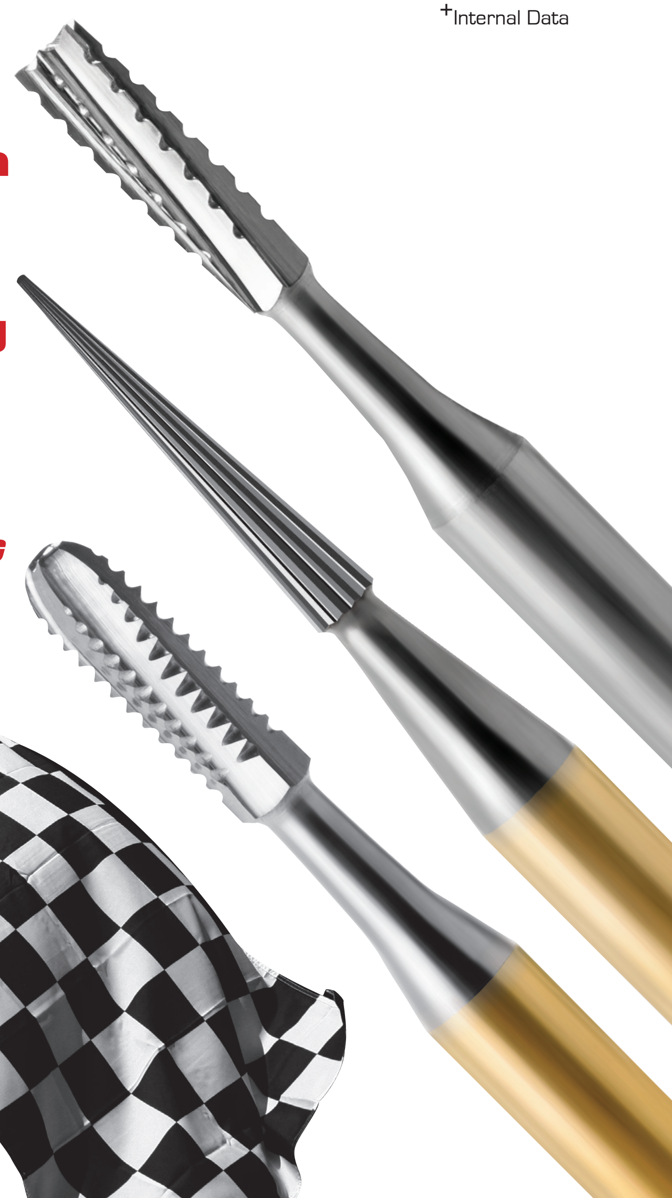
A highly concentric bur results in a faster, smoother and more precise cut. Concentricity relates to the rotational alignment of the bur. The trueness helps ensure that there is consistent contact between the cutting edge and cutting surface.

Total Indicated Run-Out (T.I.R.) measures the concentricity of a bur. A lower T.I.R. measurement indicates higher concentricity.

Average T.I.R. Comparison+

Brand	T.I.R.	Variance
Alpen	0.0002"	
Midwest	0.0018"	9x Higher than Alpen
SS White	0.0016"	8x Higher than Alpen
Brasseler	0.0015"	8x Higher than Alpen

+Internal Data



Operative & Surgical Length

Trimming & Finishing

Speedster™
METAL CUTTING

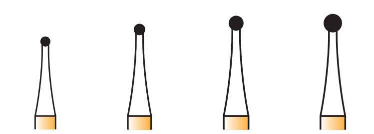
Speedster™ Alpen CARBIDE INSTRUMENTS

Rapid Reduction

> Designed to rapidly cut amalgam, porcelain, metal, enamel and dentin.
> Cuts freely and aggressively without stalling or clogging.
> Reduces prep and chair time.

Speedster Sizes & Shapes

Round

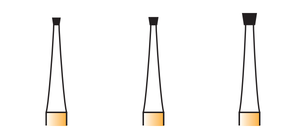


US. No.	2G	4G	6G	8G
DIA. (mm)	1.00	1.40	1.80	2.30
FG 10pk	R40002G	R40004G	R40006G	R40008G
FG 100pk		R40004GC		
FGSS 10pk				

Cross Cut Fissure

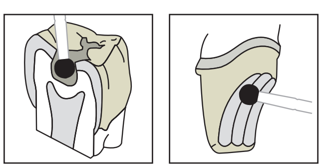
US. No.	556G	557G	558G
DIA. (mm)	0.90	1.00	1.20
FG 10pk	R40556G	R40557G	R40558G
FG 100pk		R40557GC	
FGSS 10pk		R40557GSS	

Inverted Cone



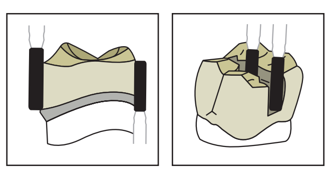
US. No.	34G	35G	37G
DIA. (mm)	0.80	1.00	1.40
FG 10pk	R40034G	R40035G	R40037G
FG 100pk			
FGSS 10pk			

Additional Indications for use



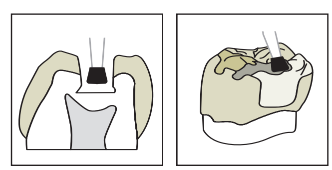
Round

Used for initial cavity preparations, retention grooves, and to create an initial depth mark for prosthetic preparations.



Cross Cut Fissure

Used to create butt-joint margins and to enhance the proximal box of preparations for ceramic inlays/onlays and crowns.



Inverted Cone / Double Cone

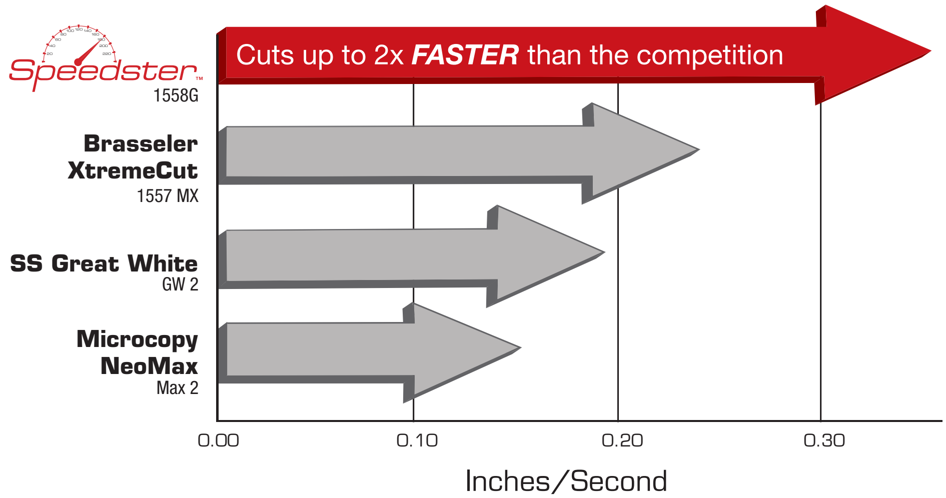
Ideal for removal of amalgams. It may also be used to contour the occlusal anatomy of final restorations.

Notes: SS White Great White GW2, Brasseler XtremeCut 1557mx and Microcopy NeoMax Max 2 are not trademarks of Coltène/Whaledent Inc.
* Internal testing performed using bur cutting 3.8" in Macor, an enamel-like material. Macor is not a registered trademark of Coltène/Whaledent Inc.

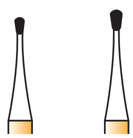
Shank Key | FG = Friction Grip | FGSS = Friction Grip Short Shank | FGOS = Friction Grip Surgical Length | RA = Right Angle Latch Type | HP = Handpiece Straight shank

Faster to the Finish

Cutting Performance Comparison*



Pear



US. No.	330G	331G
DIA. (mm)	0.80	1.00
FG 10pk	R40330G	R40331G
FG 100pk	R40330GC	R40331GC
FGSS 10pk	R40330GSS	R40331GSS

Cross Cut Tapered Fissure

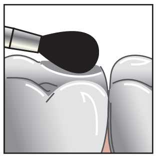
US. No.	701G	702G
DIA. (mm)	1.20	1.60
FG 10pk	R40701G	R40702G
FG 100pk		
FGSS 10pk		

Round End Cross Cut Fissure

US. No.	1557G	1558G
DIA. (mm)	1.00	1.20
FG 10pk	R41557G	R41558G
FG 100pk	R41557GC	R41558GC
FGSS 10pk	R41557GSS	R41558GSS

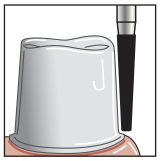
Amalgam Prep

US. No.	245G
DIA. (mm)	0.80
FG 10pk	R40245G
FG 100pk	R40245GC
FGSS 10pk	R40245GSS



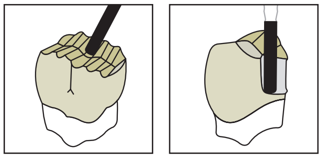
Pear

Recommended to prepare an anatomical occlusal, cavity preparation and amalgam removal.



Cross Cut / Tapered Fissure

Tapered with a 90° gingival finish line, this shape is ideal for all-ceramic crowns for margin strength and esthetics.



Round End Cross Cut Fissure

Ideal for creating deep chamfer crown preparations for ceramic restorations. Larger diameters may be used to create occlusal depth grooves.

Alpen™ CARBIDE INSTRUMENTS

Operative & Surgical Length

	Round										Amalgam Prep				Pear				End Cutting	
US. No.	1/4	1/2	1	2	3	4	5	6	7	8	245	246	256	257	329	330	331	332	956	957
DIA. (mm)	0.50	0.70	0.80	1.00	1.20	1.40	1.60	1.80	2.10	2.30	0.80	1.20	0.80	1.00	0.60	0.80	1.00	1.20	0.80	1.00
FG 10pk	R1001/4	R1001/2	R100001	R100002	R100003	R100004	R100005	R100006	R100007	R100008	R100245	R100246	R100256	R100257	R100329	R100330	R100331	R100332	R100956	R100957
FG 100pk	R1001/4C	R1001/2C	R100001C	R100002C	R100003C	R100004C	R100005C	R100006C	R100007C	R100008C	R100245C	R100246C		R100257C	R100329C	R100330C	R100331C	R100332C	R100956C	
FGSS 10pk	R3001/4	R3001/2	R300001	R300002	R300003	R300004	R300005	R300006	R300007	R300008	R300245				R300329	R300330	R300331		R300956	R300957
FGSS 100pk																R300330C				
FGOS 10pk	R5001/4	R5001/2	R500001	R500002	R500003	R500004		R500006		R500008										
RA 10pk	R2001/4	R2001/2	R200001	R200002	R200003	R200004	R200005	R200006	R200007	R200008	R200245					R200330		R200332		
RA 100pk						R200004C				R200008C										
HP 10pk	R6001/4	R6001/2	R600001	R600002	R600003	R600004	R600005	R600006	R600007	R600008										

	Inverted Cone							Round End Cross Cut Tapered Fissure			Fissure						Round End Cross Cut Fissure		
US. No.	33 1/2	34	35	36	37	38	39	1701	1702	1703	55	56	57	58	58L	59	1556	1557	1558
DIA. (mm)	0.70	0.80	1.00	1.20	1.40	1.60	1.80	1.20	1.60	2.10	0.80	0.90	1.00	1.20	1.20	1.40	0.90	1.00	1.20
FG 10pk	R1331/2	R100034	R100035	R100036	R100037	R100038	R100039	R101701	R101702		R100055	R100056	R100057	R100058	R10058L	R100059	R101556	R101557	R101558
FG100pk	R1331/2C	R100034C	R100035C	R100036C	R100037C							R100056C	R100057C	R100058C		R100059C		R101557C	R101558C
FGSS 10pk	R3331/2	R300034	R300035									R300056	R300057	R300058				R301557	R301558
FGOS 10pk									R501702									R501557	R501558
RA 10pk	R2331/2	R200034	R200035		R200037							R200056	R200057					R201557	R201558
HP 10pk	R6331/2	R600034	R600035	R600036	R600037			R601701	R601702	R601703		R600056	R600057		R60058L	R600059	R601556	R601557	R601558

	Round End Fissure				Cross Cut Fissure					Round End Tapered Fissure				Long Cross Cut Tapered Fissure			Long Tapered Fissure		
US. No.	1155	1156	1157	1158	556	557	558	559	560	1169	1170	1171	1172	700L	701L	702L	169L	170L	171L
DIA. (mm)	0.80	0.90	1.00	1.20	0.90	1.00	1.20	1.40	1.60	0.90	1.00	1.20	1.60	1.00	1.20	1.60	0.90	1.00	1.20
FG 10pk	R101155	R101156	R101157	R101158	R100556	R100557	R100558	R100559	R100560	R101169	R101170	R101171	R101172	R10700L	R10701L	R10702L	R10169L	R10170L	R10171L
FG100pk		R101156C	R101157C	R101158C	R100556C	R100557C	R100558C		R100560C	R101169C	R101170C	R101171C					R10169LC		
FGSS 10pk		R301156	R301157	R301158	R300556	R300557	R300558												
FGOS 10pk				R501158	R500556	R500557	R500558	R500559											
RA 10pk					R200556	R200557													
HP 10pk			R601157	R601158	R600556	R600557	R600558	R600559	R600560		R601170	R601171	R601172	R60700L	R60701L	R60702L	R60169L	R60170L	R60171L

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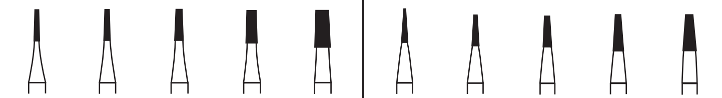
Alpen™ CARBIDE INSTRUMENTS

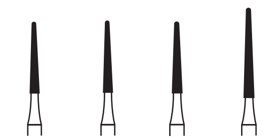
Operative & Surgical Length



	Cross Cut Tapered Fissure					Tapered Fissure				
US. No.	699	700	701	702	703	167	168	169	170	171
DIA. (mm)	0.90	1.00	1.20	1.60	2.10	0.70	0.80	0.90	1.00	1.20
FG 10pk	R100699	R100700	R100701	R100702	R100703	R100167	R100168	R100169	R100170	R100171
FG 100pk	R100699C	R100700C	R100701C	R100702C			R100168C	R100169C	R100170C	R100171C
FGSS 10pk	R300699	R300700	R300701					R300169	R300170	R300171
FGOS 10pk			R500701	R500702	R500703					R500171
RA 10pk	R200699	R200700							R200170	
HP 10pk	R600699	R600700	R600701	R600702	R600703			R600169	R600170	R600171

Endodontic Access

Endodontic Access burs are ideal for creating access in the pulp chamber.
The burs are available with a safe-end or end cutting.



US. No.	152EZ	219EZ	199Z	151Z
DIA. (mm)	1.40	1.40	1.60	1.60
FG 10pk	R4152EZ	R4219EZ	R40199Z	R40151Z
	Safe End	Safe End		

Cuts up to 4x Faster than the Competition*

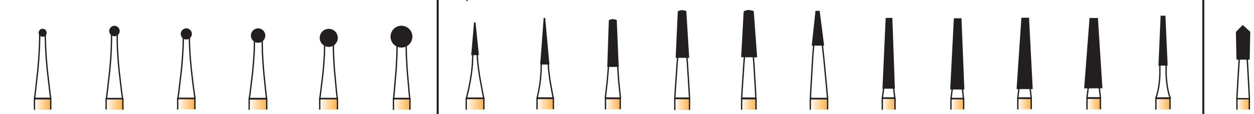
*Internal Data

Shank Key | FG = Friction Grip | FGSS = Friction Grip Short Shank | FGOS = Friction Grip Surgical Length | RA = Right Angle Latch Type | HP = Handpiece Straight Shank

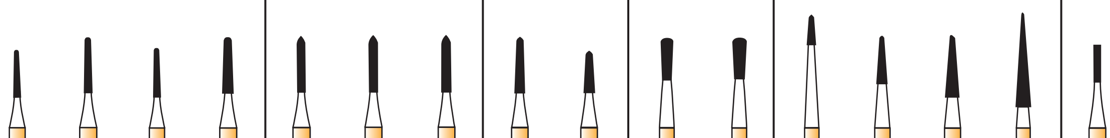
Alpen™ CARBIDE INSTRUMENTS

Trimming & Finishing

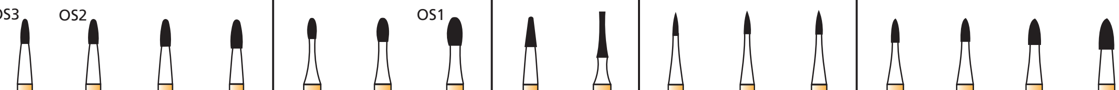
All Trimming & Finishing burs are available in FG 5pks.



	Round						Tapered											Chamfering
US. No. #12	7002	7003	7004	7006	7008	7009	7611	7612	7702	7713	7714	7114	7204	7205	7206	7214	7375-4	7345
US. No. #30			9004	9006	9008						9714					9214		
DIA. (mm)	1.00	1.20	1.40	1.80	2.30	2.70	1.00	1.40	1.00	1.20	1.40	0.90	1.40	1.60	1.80	1.20	1.40	1.50
12 flutes	R707002	R707003	R707004	R707006	R707008	R707009	R707611	R707612	R707702	R707713	R707714	R707114	R707204	R707205	R707206	R707214	R7375-4	R707345
30 flutes			R909004	R909006	R909008						R909714					R909214		
																Safe End		



	Round End Taper				Parallel Bevel			Currettage		Long Pear		Composite Trimming				Straight Cylinder
US. No. #12	7642	7653	7664	7675	7283-2	7283-4	7284-4	7283K6	7282K6	7303	7304	EF3	EF4	EF6	EF9	7572
US. No. #30	9642											UF3	UF4	UF6	UF9	9572
DIA. (mm)	1.00	1.20	1.40	1.60	1.20	1.40	1.40	1.60	1.60	1.20	1.40	0.80	1.00	1.40	1.40	1.20
12 flutes	R707642	R707653	R707664	R707675	R7283-2	R7283-4	R7284-4	R7283K6	R7282K6	R707303	R707304	R700EF3	R700EF4	R700EF6	R700EF9	R707572
30 flutes	R909642											R9EF3UF	R9EF4UF	R9EF6UF	R9EF9UF	R909572



	Bullet				Egg Shape			Interproximal		Needle			Flame			
	OS3	OS2					OS1									
US. No. #12	7800	7801	7802	7803	7404	7406	7408	7103	7602	7901	7902	7903	7102	7104	7106	7108
US. No. #30	9800	9801	9802	9803	9404	9406	9408	9103	9602			9903				
DIA. (mm)	0.70	0.90	1.00	1.20	1.40	1.80	2.30	1.20	1.00	0.90	1.00	1.20	1.20	1.40	1.80	2.30
12 flutes	R707800	R707801	R707802	R707803	R707404	R707406	R707408	R707103	R707602	R707901	R707902	R707903	R707102	R707104	R707106	R707108
30 flutes	R909800	R909801	R909802	R909803	R909404	R909406	R909408	R909103	R909602			R909903				

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Alpen™

DIAMOND INSTRUMENTS

Four Reasons To Switch To Alpen Diamonds

1. Enhanced Cutting

Exclusive, multi-layer diamond application assures maximum, uniform crystal coverage for rapid, smooth and comfortable cutting.

2. Greater Durability

Only natural diamonds are used on all Alpen Diamond Instruments for superior cutting efficiency and long instrument life.

3. Selection

Don’t settle! Over 700 shapes and sizes available from your dental dealer:

TurboCut™ SuperCoarse spiral diamonds offer added cooling efficiency and effective debris removal for bulk reduction.

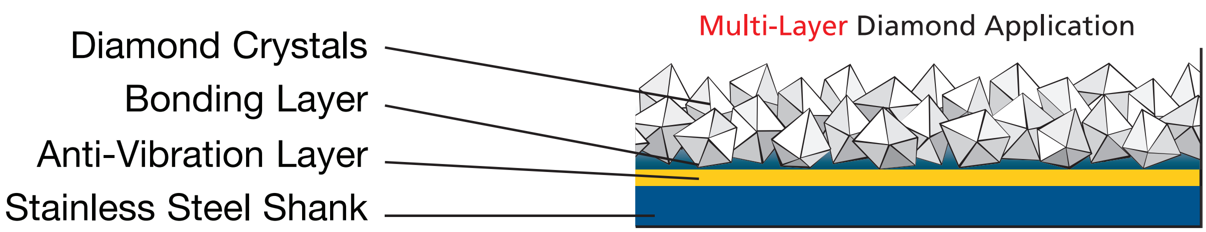
SuperCoarse and Coarse grits enable efficient reduction and shaping while producing a relatively smooth surface.

Fine, Extra-Fine and Ultra-Fine grits simplify adjustments, final contouring and finishing.

Short shanks offer easy access for posterior application.

4. Quality Guaranteed

Quality you would expect from Coltène/Whaledent.



Alpen Diamond Instruments undergo a unique, multi-layer production process, which secures complete and uniform coverage, even at the all important tip.

Quality Engineered

All Alpen Diamond Instruments are manufactured under ISO standards. The multi-layer, natural diamond application process provides maximum uniform crystal coverage for enhanced cutting and longevity.

Availability

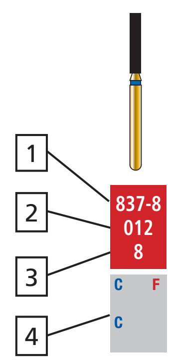
Alpen Diamond Instruments are available in a full line of shapes and grits, including spiral designs. In addition to course and super-course grits, Alpen Diamond Instruments are also available in fine, extra-fine and ultra-fine.

Finding the Instrument of Your Choice

Illustrations are easily identified as follows:

1. Shape number – If more than one length is available for the same shape and diameter, the length will be indicated as part of the shape number with a hyphen.

   Example: There are two 837 shapes with a 012 head diameter. One has a 7 mm head length and the other has an 8 mm length. Therefore, the shape numbers are 837-7 & 837-8. If only one length is available, length is not part of the number.
2. Head diameter in 1/10 mm.
3. Head length in mm.
4. Available grits – The first two lines indicate available friction grip (FG) grits, while the second two lines indicate available short shank (SS) grits.



TC = TurboCut (150μm)
SC = SuperCoarse (150μm)
C = Coarse (125μm)
F = Fine (45μm)
EF = Extra Fine (25μm)
UF = Ultra Fine (15μm)

Order Number

Alpen order numbers start with an "R" followed by the shape number, grit, diameter and shank (FG or SS). Example: the bur to the right would be R8378C012SS in a coarse, short shank.

R	8378	C	012	SS
Prefix	Shape	Grit	Diameter	Shank

Alpen™ DIAMOND INSTRUMENTS

TurboCut™

Diamond free spiral provides for cooler, smoother, rapid cutting.

	Football		Flat End Cylinder						Flat End Taper								Occlusal
Shape #	368	379	836	836	836	837	837	837	846	847	847	847	847	848	848	848	811
Head Ø (1/10mm)	023	023	014	016	018	014	016	018	016	014	016	018	025	014	016	018	033
Head length (mm)	5	5	6	6	6	8	8	8	7	8	8	8	8	10	10	10	5
Grit FG	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC

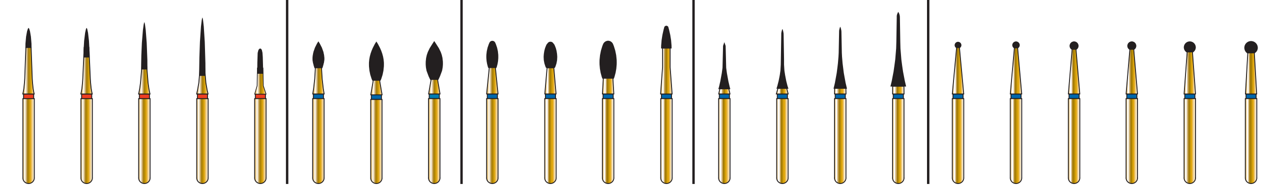
	Round End Taper											Long Round Taper		Flame	
Shape #	850	850	850-8	850-10	855	856	856-7	856-8	856	856	856	856L	856L	862	863
Head Ø (1/10mm)	014	016	018	018	014	014	016	016	018	021	025	016	018	016	016
Head length (mm)	10	10	8	10	6	8	7	8	8	9	7	10	11	8	10
Grit FG	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC

	Curettage/Beveled Taper												Beveled Cylinder			Round End Cylinder			
Shape #	877K	877K	877K	877K	878K	878K	878K	878K	879K	879K	879K	879K	879	885	886	880	881	881	882
Head Ø (1/10mm)	014	016	018	021	014	016	018	021	014	016	018	021	014	014	014	014	014	016	014
Head length (mm)	6	6	6	6	8	8	8	8	10	10	10	10	10	8	10	6	8	8	10
Grit FG	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC

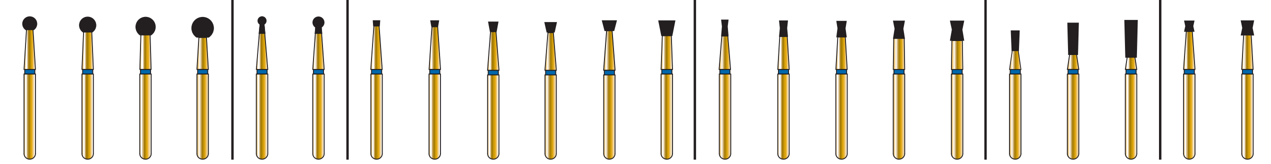
Grit Key | TC = TurboCut (150 mm) | Super Coarse (150 mm) | C=Coarse (125 mm) | F = Fine (45 mm) | EF = Extra Fine (25 mm) | UF = Ultra Fine (15 mm)

DIAMOND INSTRUMENTS Alpen™

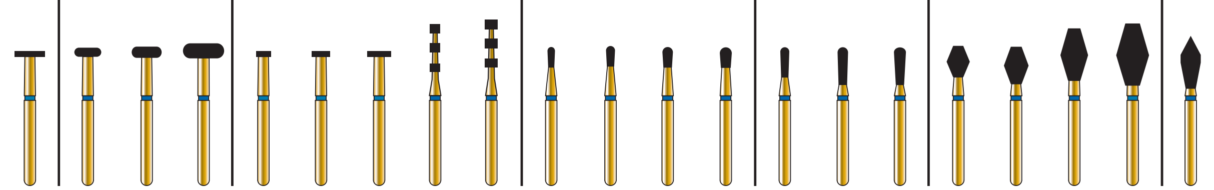
Comprehensive Shapes & Sizes



	Esthetic Finishing					Pointed Football			Football				Interproximal				Round					
Shape #	132	133	134	135	247	368	368	368	379	379	379	390	392-6	392-8	392	392	801	801	801	801	801	801
Head Ø (1/10mm)	008	010	014	014	009	016	020	023	016	018	023	014	016	016	018	021	009	010	012	014	016	018
Head length (mm)	3	4	6	9	3.2	3.5	5	5	3.5	3.5	5	3	6	8	8	10						
Grits FG	F EF UF	F EF UF	F EF UF	F EF UF	F EF UF	C SC F EF UF	C SC F EF UF	C SC F EF UF	C F EF	C SC F EF UF	C SC F EF UF	C F EF UF	C F EF	C F	C F EF	C F EF	C	C F	C	C F EF	C SC F	C SC F EF UF
Grits SS								C SC			C SC	C						C		C	C	C



	Round (cont.)				Round with Collar		Inverted Cone						Inverted Cone with Collar					Long Inverted Cone			Double Cone Amalgam Remover	
Shape #	801	801	801	801	802	802	805	805	805	805	805	805	806	806	806	806	806	807	807	807	813	813
Head Ø (1/10mm)	021	023	027	029	012	016	010	012	014	016	018	023	010	012	014	016	018	012	016	018	014	018
Head length (mm)					2.3	2.3	0.8	0.9	1.4	1.4	1.4	2.1	2.2	2.2	2.2	2.5	2.5	3.5	4	5	1.5	2
Grits FG	C SC F	C SC F EF UF	C	C SC F	C F	C F	C	C	C F	C SC	C	C	C	C	C SC	C	C	C	C	C	C	C
Grits SS								C						C							C	



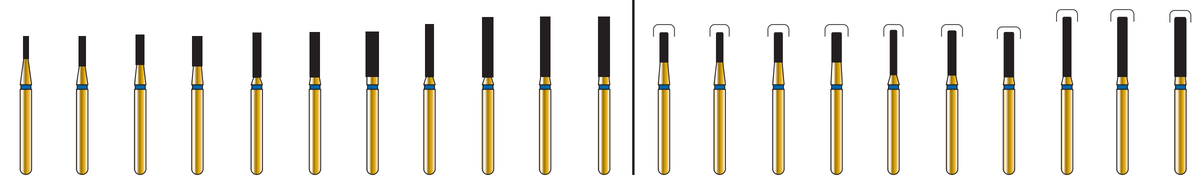
	Wheel	Round Wheel			Depth Marker 0.3 mm	0.5 mm	0.7 mm	0.3 mm	0.5 mm	Pear				Long Pear			Occlusal/Barrel				Occlusal Pointed Barrel
Shape #	818	909-1	909-1.5	909	828	828	828	834	834	830	830	830	830	830L	830L	830L	811	811	811	811	899
Head Ø (1/10mm)	050	040	040	055	022	026	030	016	021	010	012	014	016	012	014	016	031	033	037	048	027
Head length (mm)	0.7	1	1.5	2	1	1	1	6.8	6.8	2.7	2.7	2.7	2.7	4	5	5	4.2	5	7	8	7
Grits FG	C	C SC	C SC F	C	C	C	C	C	C	C	C F EF	C F EF	C	C F EF	C SC	C	C	C SC	C SC	C SC	C SC
Grits SS			C							C	C	C	C		C						

Grit Key | TC = TurboCut (150 mm) | Super Coarse (150 mm) | C=Coarse (125 mm) | F = Fine (45 mm) | EF = Extra Fine (25 mm) | UF = Ultra Fine (15 mm)

Alpen™
DIAMOND INSTRUMENTS

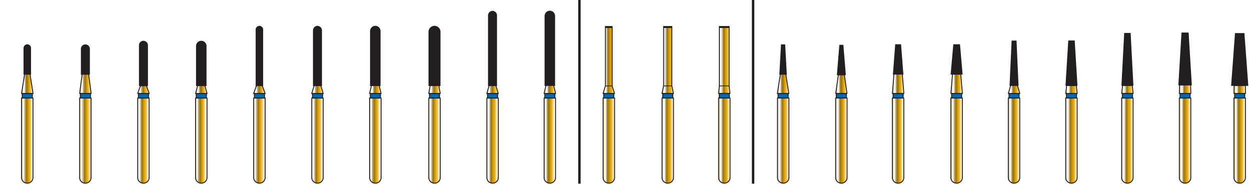
Comprehensive Shapes & Sizes

Flat End Cylinder / Modified End Cylinder



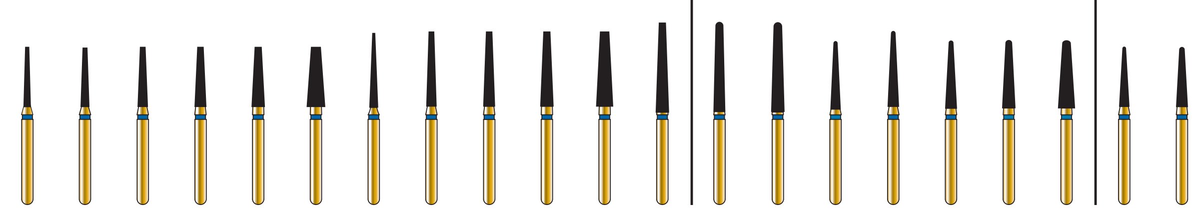
Shape #	Head Ø (1/10mm)	Head length (mm)	Grits FG	Grits SS
Flat End Cylinder				
835	008	3	C	C
835	010	4	C F	C
835	012	4	C	
835	014	4	C SC F	C
836	012	6	C F	C
836	014	6	C SC	C
836	018	6	C SC	
837-7	012	7	C F	C
837-8	012	8	C F	C
837	014	8	C SC	
837	016	8	C SC	
Modified End Cylinder				
835R	008	3	C F	
835R	010	4	C F	C
835R	012	4	C F	C
835R	014	4	C F	
836R	010	6	C	
836R	012	6	C F	C
836R	014	6	C F	
837R	012	8	C SC F	
837R	014	8	C SC F	
837R	016	8	C	

Round End Cylinder / End Cutting / Flat End Taper



Shape #	Head Ø (1/10mm)	Head length (mm)	Grits FG	Grits SS
Round End Cylinder				
838	010	4	C	C
838	012	4	C	C
880	012	6	C F	
880	014	6	C SC	C SC
881	010	8	C	
881	012	8	C F	C
881	014	8	C SC	C SC
881	016	8	C SC F	
882	012	10	C	
882	014	10	C	
End Cutting				
839	010		C F	
839	012		C F	
839	014		C F	
Flat End Taper				
845	010	4	C	C
845	012	4	C F	C
845	014	4	C	
845	016	4	C SC	
846	012	6	C F	C
846-6	016	6	C	C
846-7	016	7	C SC F	C SC
846	018	7	C F	C
846	023	7	C	C

Flat End Taper Continued / Long Round End Taper / Narrow Round Taper



Shape #	Head Ø (1/10mm)	Head length (mm)	Grits FG	Grits SS
Flat End Taper Continued				
847	010	8	C	C
847	012	8	C F	C
847	014	8	C SC F	C SC
847	016	8	C SC F	C SC
847	018	8	C SC F	C SC
847	025	8	C SC	
848	012	10	C	
848	014	10	C SC	
848	016	10	C SC F	
848	018	10	C SC F	
848	023	10	C SC F	
848L	018	12	C	
Long Round End Taper				
850L	016	12	C F	
850L	018	12	C	
856L-9	014	9	C SC F	C SC
856L-10	014	10	C	
856L	016	9	C SC F	C SC
856L	018	9	C SC F	C SC
856L	021	9	C SC F	C
Narrow Round Taper				
856N	014	8	C SC	C SC
856N	016	8	C	

⌒ denotes modified end

Grit Key | TC = TurboCut (150 mm) | Super Coarse (150 mm) | C=Coarse (125 mm) | F = Fine (45 mm) | EF = Extra Fine (25 mm) | UF = Ultra Fine (15 mm)

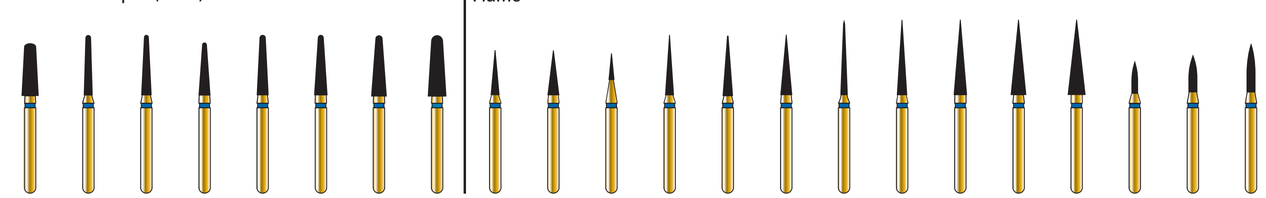
Alpen™ DIAMOND INSTRUMENTS

Comprehensive Shapes & Sizes

Modified End Taper | Round End Taper

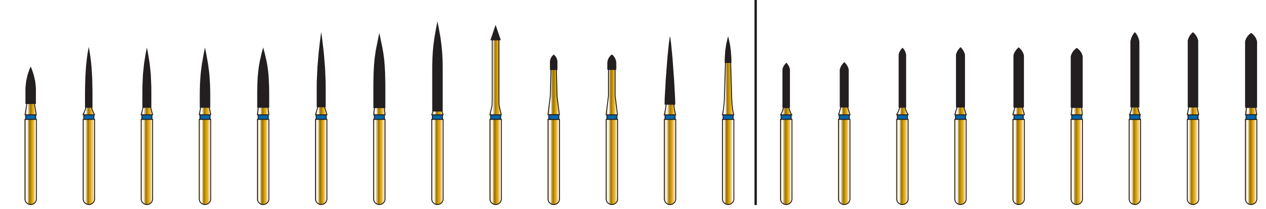
Shape #	845R	845R	846R	847R	850R	850R	849	849-4	849-6	849	849	850	850	850	850-8	850-10	850	851	851	855	855	855
Head Ø (1/10mm)	016	025	016	016	014	018	009	012	012	016	025	012	014	016	018	018	023	012	016	010	012	014
Head length (mm)	4	4	6	8	10	10	4	4	6	4	4	10	10	10	8	10	10	8	8	6	6	6
Grits FG	C F	C F	C F	C SC F	C SC F	C F	C F EF	C F	C	C	C SC	C F	C SC F	C SC F	C SC	C SC F	C	C	C	C	C F	C SC F
Grits SS								C	C				C SC	C SC								C SC

Round End Taper (cont.) | Flame



Shape #	855	856	856	856-7	856-8	856	856	856	852	852	853	858	858	858	859	859	859	859	859	860	860-5	860-6.5
Head Ø (1/10mm)	025	012	014	016	016	018	021	025	012	016	008	012	014	016	010	014	018	021	024	010	012	012
Head length (mm)	7	8	8	7	8	8	8	8	6	6	3.5	8	8	8	10	10	10	10	10	4	5	6.5
Grits FG	C SC F	C F	C SC F	C SC F	C SC F	C SC F	C SC	C SC	C F EF UF	C F EF UF	C EF UF	C F EF UF	C F EF UF	C	C F EF UF	C F EF UF	C F EF UF	C	C F EF UF	C	C F EF	C F
Grits SS			C SC	C	C SC	C SC								C								

Flame (cont.) | Beveled Cylinder

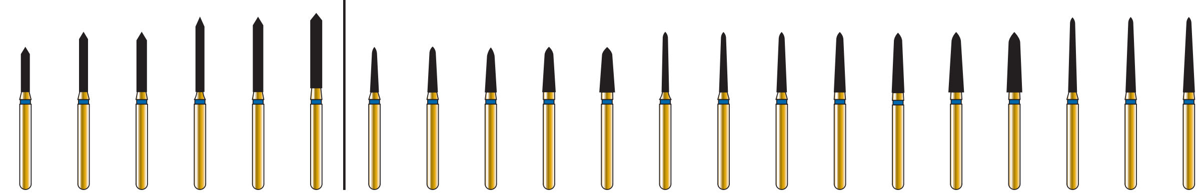


Shape #	860	862	862	862	862	863	863	864	873	874	874	888	889	877	877	878	878	878	878	879	879	879
Head Ø (1/10mm)	014	010	012	014	016	012	016	014	014	010	012	012	009	010	012	010	012	014	016	012	014	016
Head length (mm)	5	8	8	8	8	10	10	12	2	2	2	8	3.5	6	6	8	8	8	8	10	10	10
Grits FG	C F EF	C F EF UF	C F EF UF	C SC F	C SC F EF	C SC F EF UF	C SC F EF	C F	C	C	C EF	C F EF	C F EF	C F	C F	C F	C F	C SC	C F	C F	C SC F	C
Grits SS		C	C		C SC	C	C SC		C				C		C		C			C	C SC	

Alpen DIAMOND INSTRUMENTS

Comprehensive Shapes & Sizes

Beveled Cylinder (cont.)

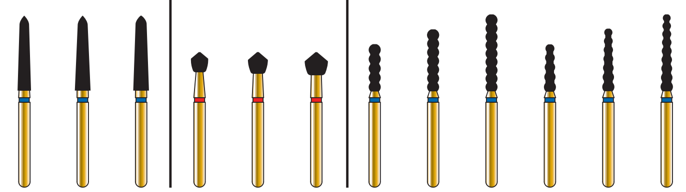


Shape #	884	885	885	886	886	886
Head Ø (1/10mm)	012	012	014	012	014	016
Head length (mm)	6	8	8	10	10	10
Grits FG	C F	C F	C SC F	C F	C SC F	C SC F
Grits SS	C F	C F	C SC			

Curettage/Pointed Taper

Shape #	877K	877K	877K	877K	877K	878K	878K	878K	878K	878K	878K	878K	879K	879K	879K
Head Ø (1/10mm)	012	014	016	018	021	010	012	014	016	018	021	023	012	014	016
Head length (mm)	6	6	6	6	6	8	8	8	8	8	8	8	10	10	10
Grits FG	C	C SC F	C SC F	C SC	C SC	C F	C SC F	C SC F	C SC F	C SC F	C SC	C SC	C F	C SC	C SC F
Grits SS	C	C	C SC	C		C	C SC	C SC	C SC	C SC					

Curettage/Pointed Taper (cont.) | Acorn | Striated Cylinder



Shape #	879K	879K	879K	905	905	905	6051	6052	6053	6054	6055	6056
Head Ø (1/10mm)	018	021	023	023	027	031	018	018	018	018	018	018
Head length (mm)	10	10	10	2.7	2.9	3.1	6	8	10	6	8	10
Grits FG	C SC F	C SC	C	F	F	F	C SC	C SC	C SC	C SC	C SC	C SC
Grits SS	C											

KS Shapes

A classic system for crown and bridge restorations.

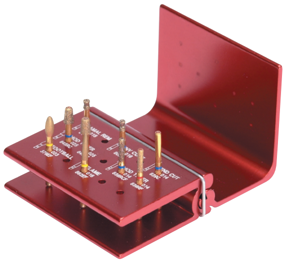
Shape #	KSO	KS1	KS2	KS3	KS4	KS5	KS6	KS7
Head Ø (1/10mm)	010	012	014	016	024	031	025	054
Head length (mm)	7	7	8	8	4.2	6.2	9	1
Grits FG	C	SC	SC	SC	SC F	SC	C	SC

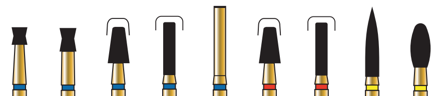
Alpen DIAMOND INSTRUMENTS

Clinical Kits

Inlay/Onlay Preparation Kit

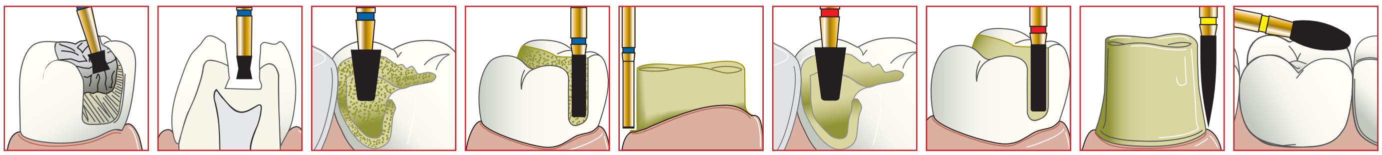
Cat. No. R1003IL





813 018	806 016	845R 025	836R 014	839 014	845R 025	836R 014	862 016	379 023
2	2.5	4	6		4	6	8	5
C	C	C	C	C	F	F	EF	EF

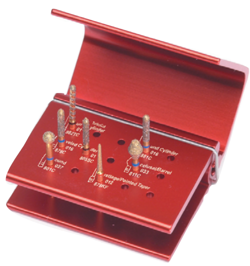
denotes modified end

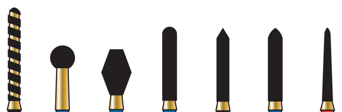


813C018 806C016 845RC025 836RC014 839C014 845RF025 836RF014 862EF016 379EF023

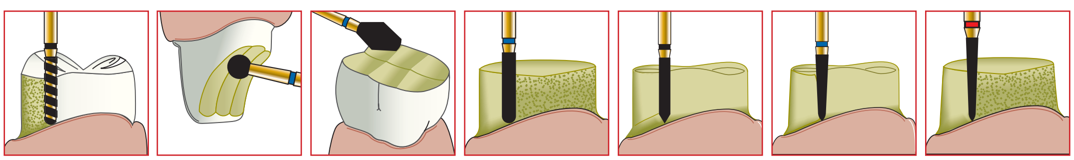
Crown & Bridge Preparation Kit

Cat. No. R1005CB





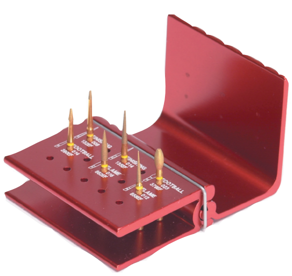
882 014	801 027	811 033	881 016	885 014	878 016	878K 012
10		5	8	8	8	8
TC	C	C	C	SC	C	F

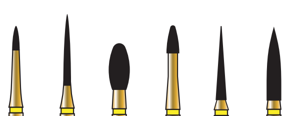


882TC014 801C027 811C033 881C016 885SC014 878C016 878KF012

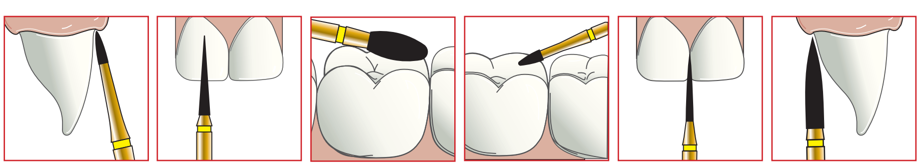
Esthetic Finishing Kit

Cat. No. R1001EF





132 008	135 014	379 023	390 014	858 012	862 016
3	9	5	3	8	8
EF	EF	EF	EF	EF	EF

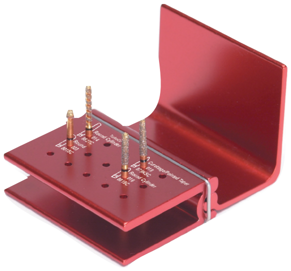


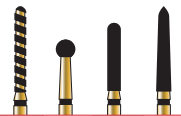
132EF008 135EF014 379EF023 390EF014 858EF012 862EF016

Grit Key | TC = TurboCut (150 mm) | Super Coarse (150 mm) | C=Coarse (125 mm) | F = Fine (45 mm) | EF = Extra Fine (25 mm) | UF = Ultra Fine (15 mm)

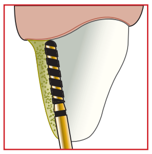
Clinical Kits

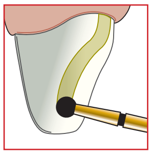
All Ceramic Restorative Removal Kit
Cat. No. R1006CRR





882 014	801 023	881 016	879K 018
10		8	10
TC	SC	SC	SC


882TC014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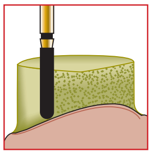
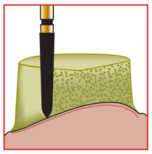
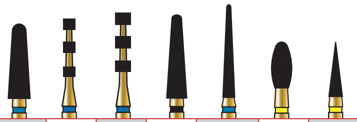
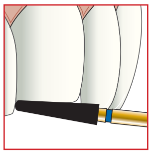

881SC016

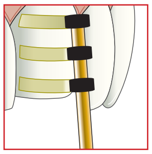

879KSC018

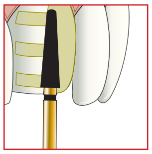
Porcelain Veneer Kit
Cat. No. R1004PV

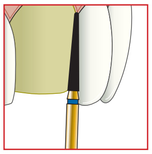


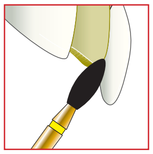
856 025	834 016	834 021	856L 021	856L-9 014	379 023	852 016
8	6.8	6.8	9	9	5	6
C	C	C	SC	C	EF	EF

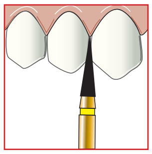

856C025


834C021

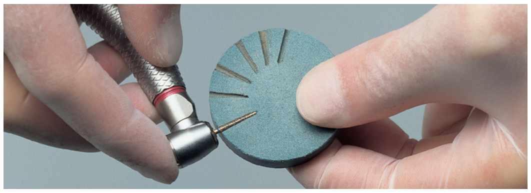

856LSC021


856LC014


379EF023


852EF016

Accessories


Cat. No. R5001

Diamond Cleaning Disc
The Alpen Diamond Instrument Cleaning Disc removes debris, thus maintaining efficiency after repeated use. Simply place the diamond flat and run at medium speed pressing gently into the disc.


Cat. No. R50030, 30 holes


Cat. No. R50015, 15 holes


Cat. No. R50010, 10 holes

Autoclavable Bur Blocks
Anodized aluminum bur blocks simplify bur organization and sterilization.

Grit Key | TC = TurboCut (150 mm) | Super Coarse (150 mm) | C=Coarse (125 mm) | F = Fine (45 mm) | EF = Extra Fine (25 mm) | UF = Ultra Fine (15 mm) cut here

Name
Address

Phone
Fax
Email
Dealer
Representative

Coltène/Whaledent Inc.
235 Ascot Parkway
Cuyahoga Falls, OH 44223 / USA
Tel. USA & Canada 1 800 221 3046
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Cuyahoga Falls, OH 44223 / USA
Tel. USA & Canada 1 800 221 3046
1 330 916 8800
Fax 1 330 916 7077
info@coltenewhaledent.com

Coltène/Whaledent AG
Feldwiesenstrasse 20
9450 Altstätten / Switzerland
Tel. 41 (0) 71 757 53 00
Fax 41 (0) 71 757 53 01
office@coltenewhaledent.ch

Authorized EU Representative:
Coltène/Whaledent GmbH + Co KG
Raiffeisenstrasse 30
89129 Langenau / Germany
Tel. 49 (0)7345 805 0
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