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Your Performance.





perfecting smiles

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A COMPLETE FAMILY OF ROTARY INSTRUMENTS

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Alpen.
 CARBIDE INSTRUMENTS



Speedster.
 Alpen CARBIDE INSTRUMENTS



C&B
Speedster.
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Speedster Zr^{Plus}.
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Alpen.
 POLISHER INSTRUMENTS



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Alpen. x1
 SINGLE PATIENT DIAMOND INSTRUMENTS



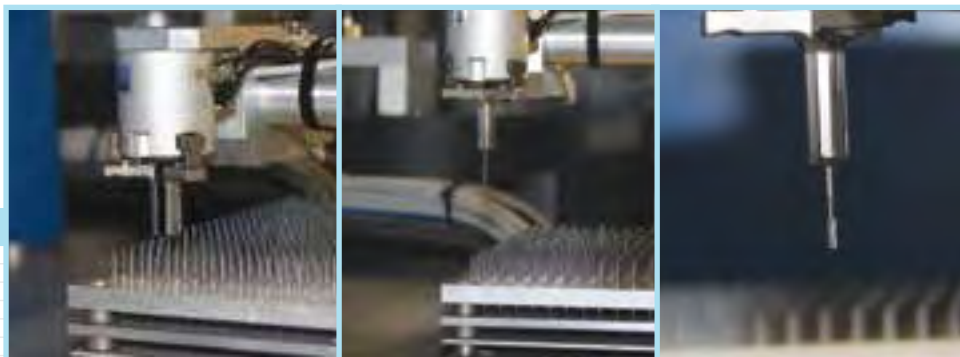
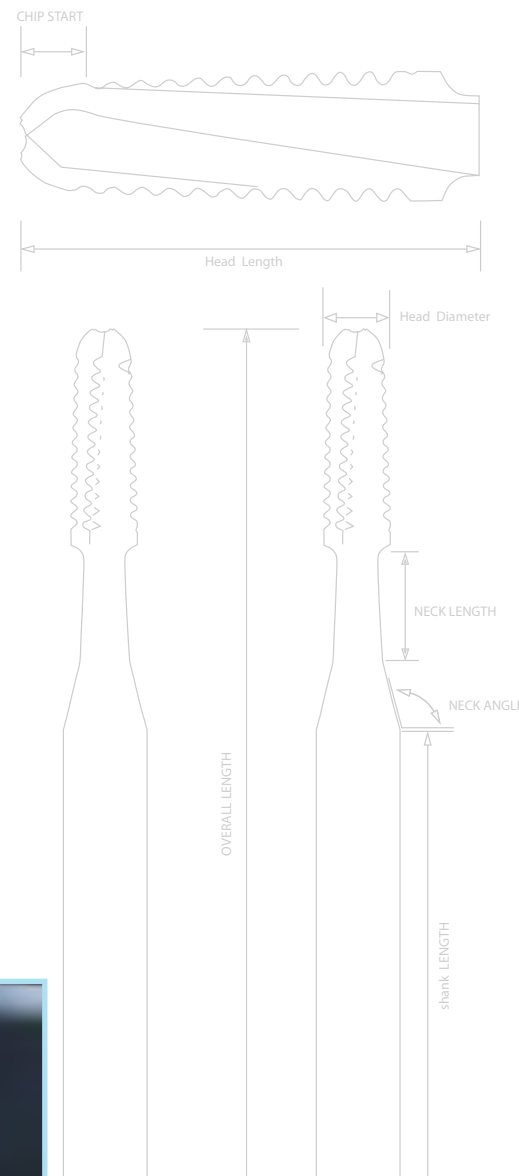
Alpen. STERIX
 STERILE CARBIDE INSTRUMENTS

From Machine to Product

COLTENE® is a global leader in dental consumables and small equipment covering the whole dental treatment process. Dentists and dental labs worldwide rely on the company's products for implant-based therapies and dental reconstructions, as well as traditional therapies.

COLTENE® is a Swiss public company traded on the SIX Swiss Stock Exchange under the symbol CLTN.

COLTENE® has been the leading developer and manufacturer of high-precision impression materials and innovative, aesthetically-pleasing filling materials since the mid-sixties. In 1990, the Swiss Coltène AG joined forces with the American company Whaledent Inc., a producer of technical dental consumables established in 1956 in New York. Since then, the combined Coltène/Whaledent brand has brought polymer chemistry-based impression and filling materials, a broad range of high-precision mechanical instruments, dental pins and posts, carbide and diamond burs and other rotary instruments, as well as a comprehensive offering in the area of hygiene and patient safety.





Alpen® Carbides provide clinicians with a comprehensive line of advance one-piece carbides. Almost all carbides currently sold are based on 60-year old, two-piece construction. This is when a steel shank is brazed to the carbide head; creating a weak point in the carbide. The one-piece design of Alpen® Carbides works to eliminate joint breakage, while generating a concentric bur that cuts faster and lasts longer. Offering a full line of: Metal Cutting, Operative & Surgical, and Trimming & Finishing burs.

Sold in packs of five, ten, and hundred; available in friction grip (FG), friction grip short shanks (FG SS), right angle latch (RA), handpiece (HP), and operative & surgical length (O&S).

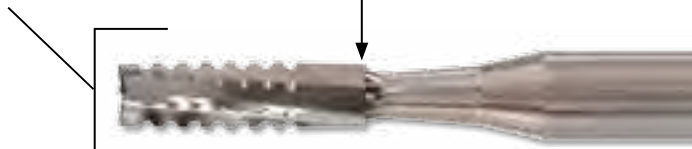


Why the Design Matters

One-piece construction eliminates brazed joint breakage and rusting, while increasing concentricity.

Concentric bur –
cuts faster, smoother
and more precisely

No brazed joint –
eliminates brazed joint
breakage and rusting



Why is Concentricity Important?

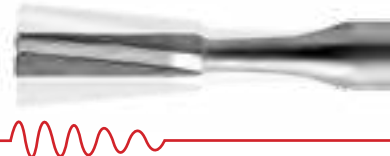
Concentricity relates to the rotational alignment of the bur. The trueness helps ensure that there is consistent contact between the cutting edge and cutting surface. A highly concentric bur results in a faster, smoother and more precise cut.

Alpen® is up to 8X more Concentric*

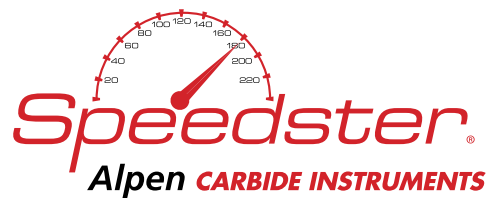
Competitors' Two-Piece



VS.



*internal study



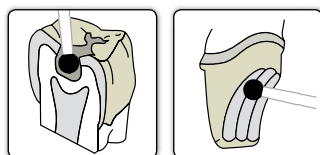
Alpen® Speedster® Carbide metal cutting burs rapidly cut amalgam, metal, enamel and dentin. The computer aided manufacturing design generates a bur that has an optimal and precise bur performance. These metal cutting burs cut aggressively without stalling or clogging, reducing prep and chair time.

Alpen® Speedster® Carbidés offers a full line of metal cutters, any option for your need.

Sold in packs of five, available in friction grip (FG).

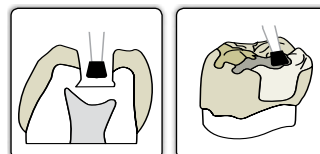


Indications For Use



Round

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



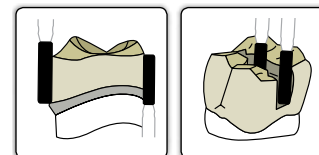
Inverted Cone / Double Cone

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



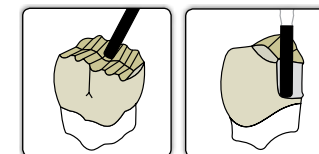
Pear

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



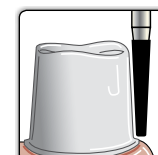
Cross Cut Fissure

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



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.



Cross Cut / Tapered Fissure

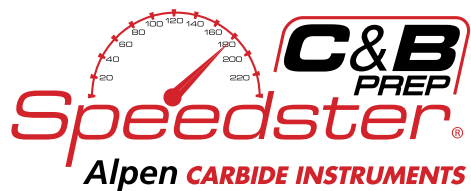
Tapered with a 90° gingival finish line, this shape is ideal for all-ceramic crowns for margin strength and esthetics.

Alpen® Speedster®

► Available in 10 & 100 packs

	Round				Cross Cut Fissure			Inverted Cone		
										
US. No.	2G	4G	6G	8G	556G	557G	558G	34G	35G	37G
DIA. (mm)	1.00	1.40	1.80	2.30	0.90	1.00	1.20	0.80	1.00	1.40
FG 10pk	R40002G	R40004G	R40006G	R40008G	R40556G	R40557G	R40558G	R40034G	R40035G	R40037G
FG 100pk		R40004GC				R40557GC				
FGSS 10pk						R40557GSS				

	Pear		Cross Cut Tapered Fissure		Round End Cross Cut Fissure		Amalgam Prep
							
US. No.	330G	331G	701G	702G	1557G	1558G	245G
DIA. (mm)	0.80	1.00	1.20	1.60	1.00	1.20	0.80
FG 10pk	R40330G	R40331G	R40701G	R40702G	R41557G	R41558G	R40245G
FG 100pk	R40330GC	R40331GC			R41557GC	R41558GC	R40245GC
FGSS 10pk	R40330GSS	R40331GSS			R41557GSS		R40245GSS



Alpen® Speedster® Crown & Bridge Prep and Removal are diamond shape carbides used for rapid crown and bridge preparation, plus you can use the same bur for amalgam or crown removal and gross reduction. Alpen® C&B has a faster, more efficient cut, and may generate less heat, reducing the likelihood of iatrogenic pulpitis.

Sold in packs of five, available in friction grip (FG).

Diamond-Shaped One-Piece Carbides for Rapid Crown & Bridge Preparation

- Total gross reduction, from crown or amalgam removal to finish, with fewer burs.
- One-Piece solid carbide construction results in a longer lasting, smoother cutting instrument.
- Thinner diameters allow for expanded indications.

Concentric bur – cuts faster, smoother and more precise

No brazed joint – eliminates brazed joint breakage and rusting



8 mm head cuts instead of grinds, generating less heat at the surface



Alpen® Speedster® C&B

► Available in 5 packs

	Football	Modified Flat End Taper					Round End Taper			
										
US. No.	379	847	847	847	847		856	856	856	856
DIA. (mm)	023	012	014	016	018		012	014	016	018
FG 5pk	RCB379023	RCB8470128	RCB8470148	RCB8470168	RCB8470188		RCB8560128	RCB8560148	RCB8560168	RCB8560188

Clinical Case

► Photos courtesy of Dr. Allen Schneider, DDS, FAGD



Fig. 1 - Removal of PFM, #19, 1st molar.



Fig. 2 - Finish prep of #19, 1st molar.



Alpen® Carbides Trimming & Finishing

► Available in 5 packs

Round

					
US. No. #12	7002	7004	7006	7008	7009
US. No. #30	9004	9006	9008	9008	
DIA. (mm)	1.00	1.40	1.80	2.30	2.70
12 flutes	R707002	R707004	R707006	R707008	R707009
30 flutes		R909004	R909006	R909008	

Tapered

														
	7611	7612	7702	7713	7714	7114	7204	7205	7206	7214	9214			7345
					9714									
DIA. (mm)	1.00	1.40	1.00	1.20	1.40	0.90	1.40	1.60	1.80	1.20				1.50
	R707611	R707612	R707702	R707713	R707714	R707114	R707204	R707205	R707206	R707214	R909214			R707345
					R909714									



Chamfering

Round End Taper

				
US. No. #12	7642	7653	7664	7675
US. No. #30				
DIA. (mm)	1.00	1.20	1.40	1.60
12 flutes	R707642	R707653	R707664	R707675
30 flutes				

Parallel Bevel


7283-2
1.20
R7283-2

Curretage

	
7283K6	7282K6
1.60	1.60
R7283K6	R7282K6

Long Pear

	
7303	7304
1.20	1.40
R707303	R707304

Composite Trimming

			
EF3	EF4	EF6	EF9
UF3	UF4	UF6	UF9
0.80	1.00	1.40	1.40
R700EF3	R700EF4	R700EF6	R700EF9
R9EF3UF	R9EF4UF	R9EF6UF	R9EF9UF

Straight Cylinder


7572
9572
1.20
R707572
R909572

Alpen® Carbides Trimming & Finishing

► Available in 5 packs

	Bullet			Egg Shape			Interproximal	Needle			Flame			
														
US. No. #12	7801	7802	7803	7404	7406	7408	7103	7901	7902	7903	7102	7104	7106	7108
US. No. #30	9802	9803		9404	9406	9408				9903				
DIA. (mm)	0.90	1.00	1.20	1.40	1.80	2.30	1.20	0.90	1.00	1.20	1.20	1.40	1.80	2.30
12 flutes	R707801	R707802	R707803	R707404	R707406	R707408	R707103	R707901	R707902	R707903	R707102	R707104	R707106	R707108
30 flutes	R909802	R909803		R909404	R909406	R909408				R909903				



Alpen® Carbides Operative & Surgical

► Available in 10 & 100 packs

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	R100256C	R100257C	R100329C	R100330C	R100331C	R100332C		
FGSS 10pk	R3001/4	R3001/2	R300001	R300002				R300006		R300008	R300245				R300329	R300330	R300331			
FGSS 100pk																				
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				
RA 100pk						R200004C		R200006C		R200008C										
HP 10pk	R6001/4	R6001/2		R600002		R600004		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	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	0.90	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		R100056	R100057	R100058	R10058L	R100059	R101556	R101557	R101558
FG 100pk	R1331/2C	R100034C	R100035C	R100036C	R100037C						R100056C	R100057C	R100058C				R101557C	R101558C
FGSS 10pk	R3331/2	R300034	R300035								R300056	R300057					R301557	R301558
FGSS 100pk																		
FGOS 10pk																		
RA 10pk	R2331/2	R200034	R200035		R200037				R501702		R200056	R200057					R501557	R501558
HP 10pk	R6331/2	R600034		R600036*	R600037				R601702	R601703							R601557	R601558

*Discontinued, limited stock available

Alpen® Carbides Operative & Surgical

► Available in 10 & 100 packs

	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		R600559	R600560										
HP 10pk						R600557					R601170						R60169L		
FGSS 100pk						R300557C													

*Discontinued, limited stock available

Alpen® Carbides Endo

► Ideal for creating access in the pulp chamber.
The burs are available with a safe-end or end cutting.

	Cross Cut Tapered Fissure					Tapered Fissure					Safe End			
														
US. No.	699	700	701	702	703	167	168	169	170	171	152EZ	219EZ	199Z	151Z
DIA. (mm)	0.90	1.00	1.20	1.60	2.10	0.70	0.80	0.90	1.00	1.20	1.40	1.40	1.60	1.60
FG 10pk	R100699	R100700	R100701	R100702	R100703	R100167	R100168	R100169	R100170	R100171	R4152EZ	R4219EZ	R40199Z	R40151Z
FG 100pk	R100699C	R100700C	R100701C	R100702C			R100168C	R100169C	R100170C	R100171C				
FGSS 10pk	R300699	R300700	R300701					R300169						
FGOS 10pk			R500701	R500702	R500703					R500171				
RA 10pk	R200699	R200700								R600171				
HP 10pk		R600700	R600701	R600702	R600703									



Alpen® Diamond Instruments are Swiss made providing enhanced quality. They undergo a unique, multi-layer bonding production process, which secures complete and uniform coverage, especially at the all-important tip. Each bur is layered with natural diamonds: first an initial layer of diamonds is bonded to the steel shank for anti-vibration, and a second layer is bonded creating full diamond coverage. Alpen® Diamonds provide you with a selection that has multiple choices fitting to your need.

Sold in packs of five, available in friction grip (FG) and friction grip short shank (FG SS).



Four Reasons To Switch To Alpen® Diamonds

1. Enhanced Cutting

Diamond crystals are bonded to the steel shank, with an anti-vibration layer and then a bonding layer to produce enhanced cutting.



2. Greater Durability

3. Selection

- **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 Engineered

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.



Speedster Zr^{Plus}
Alpen **DIAMOND INSTRUMENTS**

Alpen® Speedster® Zr Plus Diamonds are ideal for Zirconia & Alumina frameworks PLUS Porcelain...Simplified intra-oral removal of zirconia and alumina restorations. Unique, synthetic diamond coating allows for chatter-free endo access through porcelain and zirconia. Fine grit enables exact interproximal contact and occlusal adjustment. Perfect for lab & chair-side adjustment of CAD/CAM frameworks and implant abutments.

Sold in packs of five, available in friction grip (FG).



Alpen® Speedster® Zr Plus is a specialty diamond bur designed to simplify procedures involving Zirconia, Alumina & Porcelain.

The uniformly-layered, synthetic diamond coating:

- Reduces the risk of chipping or micro-fracturing.
- Provides increased surface contact due to fine and extra fine layering of diamonds enabling precise cutting.
- Reduces procedure time for Zirconia crown & bridge removal and adjustment.

Create your masterpiece
with the right bur!



Alpen® Speedster Zr Plus®

► Available in 5 packs

	Pointed Football	Football		Round				Long Inverted Cone	
									
Shape #	368	379	390	801L	801L	801	801	807	807
Head Ø (1/10mm)	023	023	018	012	014	018	022	014	016
Head length (mm)	5.3	4.5	3.0	3.0				4.0	5.0
FG 5pk	RZ368F023FG	RZ379F023FG	RZ390F018FG	RZ801LF012FG	RZ801LF014FG	RZ801F018FG	RZ801F022FG	RZ807F014FG	RZ807F016FG

	Round End Taper		Flame		Beveled Cylinder	Curettage/ Pointed Taper
						
Shape #	856	856	862	889	885	878K
Head Ø (1/10mm)	018	025	014	010	012	021
Head length (mm)	8.0	8.0	8.0	4.0	5.0	8.0
FG 5pk	RZ856F018FG	RZ856F025FG	RZ862F014FG	RZ889F010FG	RZ885F012FG	RZ878KF021FG



Alpen® Diamonds / TurboCut®

► Available in 5 packs

Football



Shape #
Head Ø (1/10mm)
Head length (mm)
FG 5pk

368
023
5.0
TC

379
023
5.0
TC

Flat End Cylinder



836
014
6.0
TC

836
016
6.0
TC

837
014
8.0
TC

837
016
8.0
TC

837
018
8.0
TC

Flat End Taper



846
016
7.0
TC

847
014
8.0
TC

847
016
8.0
TC

847
018
8.0
TC

847
025
8.0
TC

848
016
10.0
TC

848
018
10.0
TC

Occlusal



811
033
5.0
TC

Round End Taper



Shape #
Head Ø (1/10mm)
Head length (mm)
FG 5pk

850
014
10.0
TC

850
016
10.0
TC

850-8
018
8.0
TC

850-10
018
10.0
TC

855
014
6.0
TC

856
014
8.0
TC

856-7
016
7.0
TC

856-8
016
8.0
TC

856
018
8.0
TC

856
021
9.0
TC

856
025
7.0
TC

Long Round Taper



856L
016
10.0
TC

856L
018
11.0
TC

"I have used the Alpen® Diamond line for over ten years in my office and in my hands-on programs. I have been very happy with variety of shapes and various grits they offer."

- Dr. Gary Alex / Huntington, NY

Alpen® Diamonds / TurboCut®

► Available in 5 packs

Curettage/Beveled Taper

Beveled
Cylinder

Round End Cylinder

Shape #	877K	877K	878K	878K	878K	878K	879K	879K	879K	879K	885	880	881	881	882
Head Ø (1/10mm)	014	018	014	016	018	021	014	016	018	021	014	014	014	016	014
Head length (mm)	6.0	6.0	8.0	8.0	8.0	8.0	10.0	10.0	10.0	10.0	8.0	6.0	8.0	8.0	10.0
FG 5pk	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC

GRIT GUIDE

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

Alpen® Multi Use Diamonds

► Available in 5 & 50 packs

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)	3.0	4.0	6.0	9.0	3.2	3.5	5.0	5.0	3.5	3.5	5.0	3.0	6.0	8.0	8.0	10.0						
FG 5pk	F	F	F	F	F	C SC F	C SC F	C SC F	C	F	C SC F	C	C	F	C	F	C	C	C	C	F	C SC F
SS 5pk	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF						
FG 50pk																						

Alpen® Multi Use Diamonds

► Available in 5 & 50 packs

	Round				Inverted Cone				Inverted Cone with Collar			Long Inverted Cone			Double Cone Amalgam Remover	
																
Shape #	801	801	801	801	805	805	805	805	806	806	806	807	807	807	813	813
Head Ø (1/10mm)	021	023	027	029	010	012	014	016	012	014	016	012	016	018	014	018
Head length (mm)					0.8	0.9	1.4	1.4	2.2	2.2	2.5	3.5	4	5	1.5	2
FG 5pk	C SC F	C SC F	C	C SC F	C	C	C	C	C	C SC	C	C	C	C	C	C
SS 5pk																
FG 50pk		C														

	Wheel	Round Wheel			Depth Marker 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	834	834	830	830	830	830L	830L	830L	811	811	811	811	899
Head Ø (1/10mm)	050	040	040	055	030	016	021	010	012	016	012	014	016	031	033	037	048	027
Head length (mm)	0.7	1	1.5	2	1	6.8	6.8	2.7	2.7	2.7	4	5	5	4.2	5	7	8	7
FG 5pk	C	C	C SC F	C	C	C	C	C	C	C	C	C	C	C	C SC	C SC	C SC	C SC
SS 5pk								C										
FG 50pk			C															

Alpen® Multi Use Diamonds

► Available in 5 & 50 packs

Flat End Cylinder

											
Shape #	835	835	835	835	836	836	836	837-7	837-8	837	837
Head Ø (1/10mm)	008	010	012	014	012	014	018	012	012	014	016
Head length (mm)	3	4	4	4	6	6	6	7	8	8	8
FG 5pk	C	C	C	C	C F	C SC	C	C	C F	C SC	C SC
SS 5pk	C	C									
FG 50pk		C									

Modified End Cylinder

										
Shape #	835R	835R	835R	835R	836R	836R	836R	837R	837R	837R
Head Ø (1/10mm)	008	010	012	014	010	012	014	012	014	016
Head length (mm)	3	4	4	4	6	6	6	8	8	8
FG 5pk	C	C	C	C	C	C	C F	C SC	C SC F	C
SS 5pk		C				C				
FG 50pk										

Round End Cylinder

									
Shape #	838	838	880	880	881	881	881	881	882
Head Ø (1/10mm)	010	012	012	014	010	012	014	016	014
Head length (mm)	4	4	6	6	8	8	8	8	10
FG 5pk	C	C	C	C SC	C	C F	C SC	C SC	C
SS 5pk									

End Cutting

			
Shape #	839	839	839
Head Ø (1/10mm)	010	012	014
Head length (mm)			
FG 5pk	C F	C F	C F
SS 5pk			

Flat End Taper

							
Shape #	845	845	845	846-6	846-7	846	846
Head Ø (1/10mm)	010	012	016	016	016	018	023
Head length (mm)	4	4	4	6	7	7	7
FG 5pk	C	C	C	C	C	C F	C
SS 5pk							

Alpen® Multi Use Diamonds

► Available in 5 & 50 packs

Flat End Taper

												
Shape #	847	847	847	847	847	847	848	848	848	848	848	848L
Head Ø (1/10mm)	010	012	014	016	018	025	012	014	016	018	023	018
Head length (mm)	8	8	8	8	8	8	10	10	10	10	10	12
FG 5pk	C	C	C SC F	C SC F	C SC F	C SC	C	C SC	C	C SC F	C SC F	C
SS 5pk			SC		C							

Long Round End Taper

									
Shape #	850L	850L	856L-9	856L-10	856L	856L	856L	856N	856N
Head Ø (1/10mm)	016	018	014	014	016	018	021	014	016
Head length (mm)	12	12	9	10	9	9	9	8	8
FG 5pk	C F	C	C	C	C SC F	C	C SC F	C SC	C
SS 5pk									

Narrow Round Taper

Modified End Taper

						
Shape #	845R	845R	846R	847R	850R	850R
Head Ø (1/10mm)	016	025	016	016	014	018
Head length (mm)	4	4	6	8	10	10
FG 5pk	C	C F	C F	C F	C F	C F
SS 5pk						

Round End Taper

															
Shape #	849-4	849-6	849	849	850	850	850	850-8	850-10	850	851	851	855	855	855
Head Ø (1/10mm)	012	012	016	025	012	014	016	018	018	023	012	016	010	012	014
Head length (mm)	4	6	4	4	10	10	10	8	10	10	8	8	6	6	6
FG 5pk		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
SS 5pk	C					SC									C SC



Alpen® Multi Use Diamonds

► Available in 5 & 50 packs

Round End Taper

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	860-5
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
FG 5pk	C SC	C F	C SC F	C F	C SC F	C SC F	C SC	C SC		C F	C F	C F	C F	C F	C	C F	C F	C F	C	C	C	C F	C F
SS 5pk				C	SC	C				EF	EF	EF	EF UF	EF UF		EF UF	EF	EF UF		UF		EF	
FG 50pk						C										F		C					

Flame

Beveled Cylinder

																					
Shape #	860	862	862	862	862	863	863	864	873	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	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	8	3.5	6	6	8	8	8	8	10	10	10
FG 5pk	C F	C F	C F	C SC F	C F	C SC F	C SC F	C F	C	C	C F	C F	C	C	C F	C F	C	C	C	C	C
SS 5pk		EF UF	EF UF		EF	EF	EF				EF	EF									
FG 50pk		C				EF															

Alpen® Multi Use Diamonds

► Available in 5 & 50 packs

Beveled Cylinder

						
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
FG 5pk	C F	C F	C SC F	C F	SC	C SC
SS 5pk			C			
FG 50pk						

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
FG 5pk	C	C	C	C SC	C	C F	C SC F	C SC F	C SC	C SC F	C SC	SC	C F	C	C SC
SS 5pk			SC												
FG 50pk	C	C				C	C								

Curettage/Pointed Taper

			
Shape #	879K	879K	879K
Head Ø (1/10mm)	018	021	023
Head length (mm)	10	10	10
FG 5pk	C SC	C SC	C
SS 5pk	C		
FG 50pk			

Acorn

			
Shape #	905	905	905
Head Ø (1/10mm)	023	027	031
Head length (mm)	2.7	2.9	3.1
FG 5pk	F	F	F
SS 5pk			
FG 50pk	F	F	

Striated Cylinder

					
Shape #	6051	6052	6053	6055	6056
Head Ø (1/10mm)	018	018	018	018	018
Head length (mm)	6	8	10	8	10
FG 5pk	C SC	C SC	C	SC	C
SS 5pk					
FG 50pk					

Alpen® Multi Use Diamonds

► Available in 5 packs

KS Shapes

								
Shape #	KS0	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
FG 5pk	C	SC	SC	SC	SC F	SC	C	SC

"I have been using Alpen® Diamond Instruments for 5 years. They are extremely efficient and longer lasting than other diamond instruments I have tried. Tooth preparations take less time and I know my patients appreciate that! I give Alpen the highest recommendation."

- Dr. George Buongiovanni / Marlton, NJ

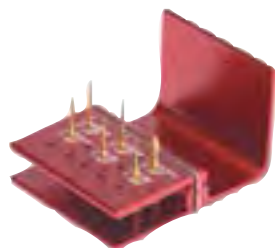
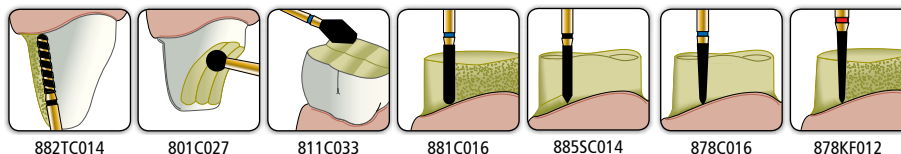


Alpen® Diamonds Clinical Kits

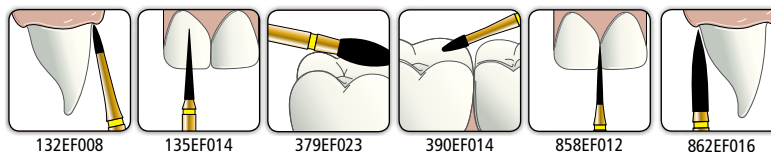


Crown & Bridge Preparation Kit
Cat. No. R1005CB

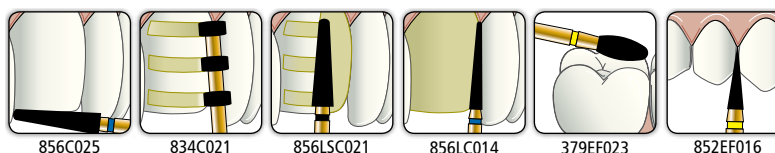
Photos courtesy
of Dr. Gary Alex



Esthetic Finishing Kit
Cat. No. R1001EF



Porcelain Veneer Kit
Cat. No. R1004PV



Accessories

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.



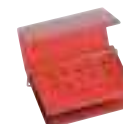
Cat. No. R5001

Autoclavable Bur Blocks

Anodized aluminum bur blocks simplify bur organization and sterilization.



Cat. No. R50030,
30 FG holes



Cat. No. R50015,
15 FG holes



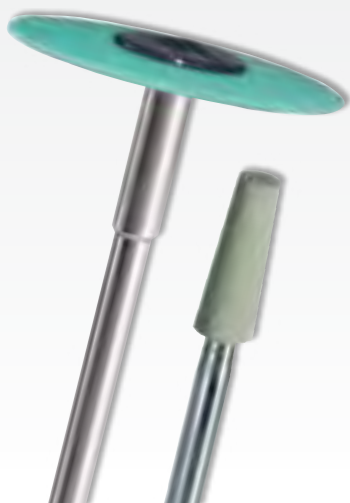
Cat. No. R50010,
10 FG holes



Alpen® Polishers provide a smoother polishing experience. An ideal offering of Silicone and/or Diamond Impregnated Polishers gives the clinician with a choice in: Composite, Ceramic, CAD/CAM, and Universal.

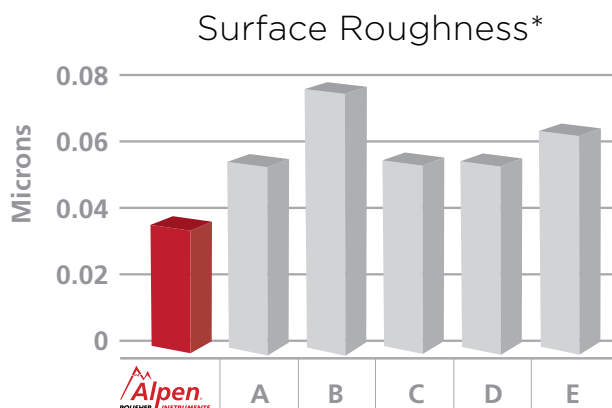
Polishers designed to handle the unique characteristics of porcelain veneers, inlays and onlays – chairside and in the lab. Allow for fine contouring to a mirror shine with long lasting shape integrity. Polishers that work with delicate materials, producing outstanding results.

Sold in packs of one and five, available in hand-piece (HP), right angle latch (RA), and unmounted (UM).



The smoother a surface is the harder it is for plaque and debris to attach itself to the restoration.

- Alpen® Polishers produce a smoother surface versus the competition.
- A smooth surface results in a less porous, longer lasting restoration.



* Internal Data

Alpen® Polishers

► Available in 1 & 5 packs

COMPOSITE

Minipoint	Point	Cup	Small Lens	Minipoint	Point	Cup	Small Lens
							
RP230055RA	RP230059RA	RP230063RA	RP230069RA	RP230072RA	RP230076RA	RP230080RA	RP230086RA
FINE / 45 µm				EXTRA FINE / 25 µm			
STEP 1: SHAPING AND SMOOTHING				STEP 2: HIGH LUSTER POLISHING			

“Plaque has a difficult time sticking to the surface of my restorations because Alpen® Polishers create such a smooth surface.”

- Shaun Doyle, DDS / Neuvo, California

COMPOSITE PLUS

Minipoint	Point	Cup	Small Lens	Minipoint	Point	Cup	Small Lens	Minipoint	Point	Cup	Small Lens
											
RP230264RA	RP230265RA	RP230267RA	RP230271RA	RP230291RA	RP230293RA	RP230295RA	RP230297RA	RP230299RA	RP230301RA	RP230303RA	RP230305RA
MEDIUM / 110 µm				FINE / 45 µm				ULTRA FINE / 15 µm			
ONE STEP: MIRROR FINISHING				STEP 1: SHAPING AND SMOOTHING				STEP 2: HIGH LUSTER POLISHING			



Alpen® Polishers

► Available in 1 & 5 packs

CERAMIC

Point	Cup	Lens	Wheel	Point	Cup	Lens	Wheel
							
RP230114RA	RP230122RA			RP230139RA	RP230147RA		
		RP230134UM	RP230136UM			RP230159UM	RP230161UM
MEDIUM / 110 µm				FINE / 45 µm			
STEP 1: REMOVING AND CONTOURING				STEP 2: HIGH LUSTER POLISHING			

CERAMIC PLUS

Minipoint	Flame	Cup	Small Lens	Wheel	Disc	Large Lens	Minipoint	Flame	Cup	Small Lens
										
RP230313RA	RP230317RA RP230315HP	RP230319RA	RP230321RA	RP230325RA RP230323HP	RP230327HP	RP230329HP	RP230331RA	RP230335RA RP230333HP	RP230337RA	RP230339RA
					RP231327HP	RP231329HP				
MEDIUM / 110 µm							FINE / 45 µm			
STEP 1: REMOVING AND SHAPING							STEP 2: SMOOTHING			

Wheel	Disc	Large Lens	MiniPoint	Flame	Cup	Small Lens	Wheel	Disc	Large Lens
									
RP230343RA RP230341HP			RP230349RA	RP230353RA RP230351HP	RP230355RA	RP230357RA	RP230361RA RP230359HP	RP230363HP	RP230365HP
	RP230345HP RP231345HP	RP230347HP RP231347HP						RP231363HP	RP231365HP
FINE / 45 µm					ULTRA FINE / 15 µm				
STEP 2: SMOOTHING					STEP 3: HIGH LUSTER POLISHING				

Alpen® Polishers

► Available in 1 & 5 packs

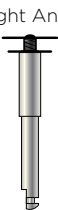
CAD/CAM RESTORATION PLUS

Lens	Small Wheel	Wheel	Taper	Cylinder	Flame	Cup	Wheel	Large lens	Disc
									
RP230367HP	RP230369HP	RP230371HP	RP230373HP	RP230375HP	RP230379RA RP230377HP	RP230381RA	RP230383HP	RP230385HP RP231385HP	RP230387HP RP231387HP
SUPER COARSE / 150 µm					MEDIUM / 110 µm				
STEP 1: REMOVING AND SHAPING					STEP 2: SMOOTHING				

MANDREL

Handpiece

Right Angle

Flame	Cup	Wheel	Large lens	Disc	Wide Cup	Cup	Flame	Handpiece	Right Angle
									
RP230391RA RP230389HP	RP230393RA	RP230395HP	RP230397HP	RP230399HP RP231397HP	RP232002RA	RP232004RA	RP232006RA	RP255047HP	RP255049RA
FINE / 45 µm					FINE / 45 µm			POLISHES CERAMIC, COMPOSITES AND METALS	
STEP 3: HIGH LUSTER POLISHING					POLISHES CERAMIC, COMPOSITES AND METALS			STAINLESS STEEL MANDRELS FOR UNMOUNTED POLISHERS	

UNIVERSAL (COMPOSITE AND CERAMIC)

Wide Cup	Small Lens	Lens	Small Wheel	Wheel	Minipoint	Flame	Bullet	Cup	Wide Cup
									
RP230180UM	RP230186UM	RP230188UM	RP230194UM	RP230196UM	RP230201RA	RP230203RA RP230205HP	RP230207RA RP230209HP	RP230211RA RP230213HP	RP230215RA
SUPER COARSE / 150 µm					FINE / 45 µm				
ONE STEP: REMOVING, SHAPING AND POLISHING					ONE STEP: REMOVING, SHAPING AND POLISHING				

SwissFlex®

STRIPS & DISCS

SwissFlex® Strips and Discs offer unique features that provide a distinct advantage for you. These discs and strips can be used on composite, amalgam, glass ionomer cement, semi-precious and precious metal for contouring, finishing as well as polishing to a high luster. SwissFlex® Discs offer you a polishing disc without a metal center, protecting your restoration from damage; while extra thin for control. The mandrel is designed to ensure the disc stays attached, no slip “snap-in” place.

Sold in packs of eighty, available in friction grip (FG).



Accelerated Performance to the Finish

SwissFlex® Discs

Designed to contour, finish, and polish to high luster all in one system; used for polishing composite, amalgam, glass ionomer cement, semi-precious and precious metals.

- Metal-free center protects your restorations from damage.
- Mandrel “Snaps-In” to disc, alleviating slippage.
- Extra thin to allow control, and ease in polishing.



SwissFlex® Strips

- Thin, transparent foil strips
- Uncoated centers allow for easy placement
- Single-Use



SwissFlex® Strips & Discs

► Available in 80 packs

Cat. No.	RP250095KT	RP250094KT
Indication	Intro Kit	4 mm Strip Kit
Description	Discs and Strips	Assortment Pack
Disc Diameter	Mix / 282 pcs	Mix / 80 pcs



Cat. No.	RP232018RA	RP232019RA	RP232020RA	RP232021RA	RP232022RA	RP232023RA	RP232024RA	RP232025RA	RP232026RA
Indication	contouring			finishing		polishing		high luster	
Description	mandrel	super coarse (70 µm)		coarse (50µm)		medium (30µm)		fine (5µm)	
Disc Diameter		1/2"	3/8"	1/2"	3/8"	1/2"	3/8"	1/2"	3/8"



Cat. No.	RP232015ST		RP232016ST		RP232017ST	
Indication	contouring	finishing	contouring	finishing	polishing	high luster
Description	super coarse (70µm)	coarse (50µm)	super coarse (70µm)	coarse (50µm)	medium (30µm)	fine (5µm)
Length in mm	175		175		175	
Width	2		3.5		3.5	

“With SwissFlex® Discs, restoration surfaces can be finished conveniently and efficiently. The centre of the disc is made of plastic. Unlike other competitive brands with a metallic centre, the disc covers the mandrel to prevent damage to the adjacent tooth while finishing.”

- Dr. Mario Besek / Zürich, Switzerland

Alpen® Procedural Kits



Composite Polishing Kit RP250014KT

A key factor to preventing composite materials from breaking down is a smooth surface, which offers the best protection against plaque accumulation and discoloration. Alpen® Composite Polishing Kit creates a smooth, mirror surface on all types of composites.

Ceramic Polishing Kit RP250016KT

Due to the special combination of selected diamond grits and soft silicone bond, Alpen® Ceramic Polishers are able to shape and shine your crown to a mirror finish. Replaces conventional brushes and cotton buffs, without the need for paste.



Universal Right Angle Latch Polishing Kit RP250100KT

Alpen® Universal Kit offers an economical choice at your fingertips for removing, shaping and polishing of composite and ceramic materials.

Composite Plus Polishing Kit RP250092KT

Newer generation composite materials may have larger filler particles than older generations, making this material harder and more brittle; Alpen® diamond impregnated composite polishers are designed to work with these new composites. The Alpen® Composite Plus Kit is a two-step, diamond impregnated polishing system for pre shaping and smoothing to a high luster. No need for diamond impregnated paste with the Plus Kit.



Composite Universal Polishing Kit RP250093KT

The Alpen® Composite Universal Kit is a one-step, high-performance diamond impregnated polisher set for the mirror finishing of composites. Due to the diamond grit, a pressure dependent removal and mirror finish polishing step can be achieved. Alpen® Composite Polishers generate an outstanding polishing result, shortened polishing time and long lasting shape integrity.

Alpen® Procedural Kits

Zr Plus Glass/Ceramic Polishing Kit RP250096KT

Glass/Ceramic material can be complex to work with at times, but this Alpen® system will alleviate this difficulty. These polishers work with delicate materials and are ideally suitable for adapting and revising of Glass/Ceramic materials.

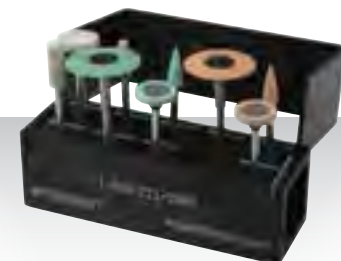
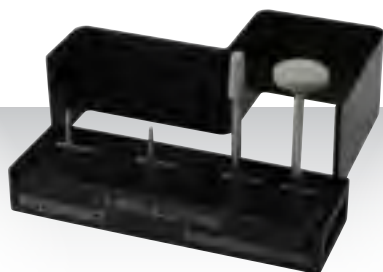


Brush Polishing Kit RP250047KT

Alpen® Polishing Brushes integrate fine grit silicon carbide polishing powder into thin, smooth bristles so that no polishing paste is required. With three different shapes, you can easily polish those restoration areas that are difficult to access - such as fissures and interdental spaces - within seconds without flattening the surface unnaturally.

CAD/CAM Polishing Kit RP250099KT

This specially designed Alpen® polishing system works with the unique characteristics of CAD/CAM crowns, and frameworks. These polishers are ideally suitable for delicate materials and for adapting and revising CAD/CAM restorations, producing astounding results.



Zirconium Oxide Polishing Kit RP250098KT

Zirconium Oxide contains less glass than older ceramic materials, creating more flexural strength, but are harder to adjust without generating micro-fractures. Alpen® Zirconium Oxide Kit is designed to enable cutting and adjustment of high- strength materials like Zirconium Oxide, Lithium Disilicate, Aluminum Oxide, and other pressed ceramics.

Alpen® Speedster Zr Plus Kit® RP250097KT

Ideal for Zirconium Oxide, Lithium Disilicate, Aluminum Oxide and other pressed ceramics frameworks. Simplified intra-oral removal, allows for chatter-free endo access, and enables exact interproximal contact and occlusal adjustment, perfect for lab or chair-side.



A high-angle, close-up photograph of a diverse group of approximately ten people of various ethnicities and ages. They are all smiling broadly and looking directly up at the camera, creating a sense of unity and positivity. The text "advanced infection control" is overlaid in white, lowercase letters across the upper portion of the image.

advanced infection control



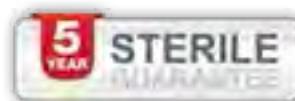
Alpen® SteriX Carbides are gamma sterilized, offering an aseptic bur right of the box, while advocating advanced infection control and convenience. Each pouched bur is noted with part number and five year expiration date. These carbides provide clinicians with a comprehensive line of advance one-piece carbides. The design that eliminates joint breakage, generating a concentric bur that cuts faster and last longer.

Sold in packs of ten and fifty, available in friction grip (FG), friction grip short shank (FG SS), right angle latch (RA), and operative and surgical length (O&S).



Why Take a Chance? Alpen® SteriX eliminates the risk!

- Brand new, unsterile carbides may have colony forming units of harmful bacteria, increasing the risk of spreading infection.
- Alpen® SteriX is gamma ray sterilized ensuring zero cfu's, ready to use.



A carbide can contain 100 cfu's (colony forming units) at purchase.*



“There are 50 billion bacteria that reside inside the oral cavity.”

- Dr. J.J. Bock

*Lab results on file

Alpen® Speedster®

- ▶ Available in 10 & 50 packs
- ▶ Metal Cutters that are aggressive but cut freely without stalling or clogging.

	Round		Cross Cut Fissure		Pear		Round End Cross Cut Fissure		Amalgam Prep
									
US. No.	4G	6G	557G	558G	330G	331G	1557G	1558G	245G
DIA. (mm)	1.40	1.80	1.00	1.20	0.80	1.00	1.00	1.20	0.80
FG 10pk	RS40004G	RS40006G	RS40557G	RS40558G	RS40330G	RS40331G	RS41557G	RS41558G	RS40245G
FG 50pk			RS40557GB			RS40331GB	RS41557GB	RS41558GB	

Alpen® Carbides Operative & Surgical

- ▶ Available in 10 & 50 packs

	Round						Amalgam Prep		Pear		End Cutting	Inverted Cone		Fissure		Round End Cross Cut Fissure	
																	
US. No.	1/4	1/2	2	4	6	8	245	256	330	331	956	35	37	56	57	1557	1558
DIA. (mm)	0.50	0.70	1.00	1.40	1.80	2.30	0.80	0.80	0.80	1.00	0.80	1.00	1.40	0.90	1.00	1.00	1.20
FG 10pk	RS1001/4	RS1001/2	RS100002	RS100004	RS100006	RS100008	RS100245	RS100256	RS100330	RS100331	RS100956	RS100035	RS100037	RS100056	RS100057	RS101557	RS101558
FG 50pk		RS1001/2B	RS100002B	RS100004B	RS100006B	RS100008B	RS100245B		RS100330B			RS100035B				RS101557B	RS101558B
FGSS 10pk			RS500002	RS500004	RS500006	RS500008											
FGOS 10pk			RS200002	RS200004	RS200006	RS200008											
RA 10pk																	

Alpen® Carbides Operative & Surgical

Alpen® Carbides Endo

► Ideal for gaining access into the pulp chamber.

	Round End Fissure		Cross Cut Fissure			Long Tapered Fissure	Cross Cut Tapered Fissure	
								
US. No.	1157	1158	556	557	558	169L	701	702
DIA. (mm)	1.00	1.20	0.90	1.00	1.20	0.90	1.20	1.60
FG 10pk	RS101157	RS101158	RS100556	RS100557	RS100558	RS10169L	RS100701	RS100702
FG 50pk			RS100556B	RS100557B				
FGSS 10pk				RS300557	RS500557		RS500701	RS500702
FGOS 10pk				RS500558				

	Safe End	
		
US. No.	152EZ	151Z
DIA. (mm)	1.40	1.60
FG 10pk	RS4152EZ	RS40151Z

Alpen® Carbides Trimming & Finishing

	Tapered			Round End Taper		Composite Trimming		Bullet		Egg Shape			Needle	
														
														
US. No. #12	7611	7714	7214	7642	7653	UF6	UF9							
US. No. #30								OS2				OS1		
DIA. (mm)	1.00	1.40	1.20	1.00	1.20	1.40	1.40	0.90	1.00	1.40	1.80	2.30	0.90	1.00
12 flutes 10pk	RS707611	RS707714	RS707214	RS707642	RS707653	RS9EF6UF	RS9EF9UF	RS707801	RS707802	RS707404	RS707406	RS707408	RS707901	RS707902
30 flutes 10pk														
12 flutes 50pk											RS707406B	RS707408B	RS707901B	

Alpen[®] x1

SINGLE PATIENT DIAMOND INSTRUMENTS

Alpen[®] x1 Diamond Instruments are a smart combination of convenience, efficiency, and infection control. Each bur is gamma sterilized, and individually packaged for your ease of use; promoting patient safety with advanced infection control. Alpen[®] x1 offers one of the largest selections available in single use diamonds with an unparalleled swiss quality and precision cutting.

Sold in packs of twenty-five, available in friction grip (FG), friction grip short shank (FG SS).



A Smart Combination of... Convenience, Efficiency and Infection Control

- Each bur is uniformly coated with natural diamonds, enhancing cutting efficiency.
- Individually packaged, and gamma sterilized promoting advanced infection control and patient safety.
- Swiss quality let's you keep your edge without emptying your wallet.



“The disposable diamond bur was developed, at least in part, in response to the recommendation by the Centers for Disease Control and Prevention and the ADA that organized dentistry should minimize cross-contamination risks...”

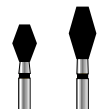
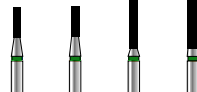
- Centers for Disease Control and Prevention Recommended Infection-control



Alpen® x1 Single Use Diamonds

► Available in 25 packs

	Football			Egg		Interproximal	Gross Reduction		Ball		Inverted Cone						
Shape #	368	368	368	379	379	392	6051	6055	801	801	801	801	801	805	805	807	807
Head Ø (1/10mm)	016	020	023	018	023	016	017	018	010	012	016	018	023	012	016	016	018
Head length (mm)	3.5	5.0	5.0	3.5	5.0	6.0	8.0	8.0	0.8	1.0	1.4	1.6	2.0	0.9	1.4	4.0	5.0
FG 25pk	C	F	SC	C	F		C	C			C	C	C		C	C	C
			F		M				M	M	M	M		M			
SS 25pk																	

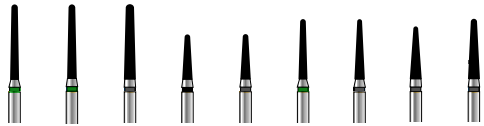
	Occlusal Reduction		Double Cone Amalgam Remover	Pear		Depth Marker 0.5 mm	Depth Cutter 0.5 mm	Flat End Cylinder				Modified Flat End Cylinder
												
Shape #	811	811	813	830	830	828	834	835	835	837	837	837R
Head Ø (1/10mm)	033	037	014	008	012	026	021	010	012	012	016	014
Head length (mm)	5.0	7.0	2.2	1.6	2.7	0.5	0.5	4.0	4.0	7.0	8.0	8.0
FG 25pk	SC	SC	C		C			C	C	C	C	C
SS 25pk				M	M	M	M	M	M			F

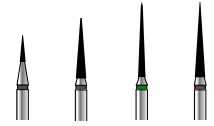
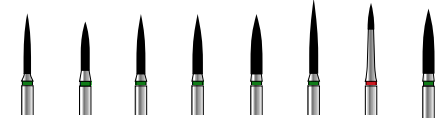
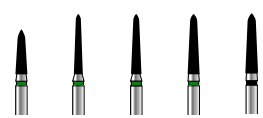
GRIT GUIDE

TC = TurboCut (150µm)
 SC = SuperCoarse (150µm)
 C = Coarse (125µm)
 M = Medium (110µm)
 F = Fine (45µm)
 EF = Extra Fine (25µm)

Alpen® x1 Single Use Diamonds

► Available in 25 packs

Modified Flat End Taper				Modified Flat End Taper Large	Flat End Taper						Round End Taper									
																				
Shape #	845R	846R	847R	847R	845R	847	847L	847	847	848	848	850	850	85010	855	855	856	856	8567	8568
Head Ø (1/10mm)	018	016	016	018	025	014	014	016	018	016	018	012	014	016	014	016	012	014	016	016
Head length (mm)	4.0	6.0	8.0	8.0	4.0	8.0	9.0	8.0	8.0	10.0	10.0	10.0	10.0	10.0	6.0	6.0	8.0	8.0	7.0	8.0
FG 25pk	C	M	SC	F	SC	SC	F	C	SC	F	SC	C	C	F	SC	F	C	SC	F	SC
SS 25pk			SC		M	M		M	M	M	M	M	M		SC	SC	M	M	M	M

Round End Taper				Round End Taper Large	Pointed Cone				Flame								Curettage/Pointed Taper				
																					
Shape #	856	856L	856	856	858	858	859	859	862	862	862	862	862	863	889	862L	877K	878K	878K	878K	878K
Head Ø (1/10mm)	018	018	021	024	008	014	012	014	010	012	012	014	016	012	008	018	016	012	014	016	018
Head length (mm)	8.0	9.0	8.0	7.0	3.0	8.0	10.0	10.0	8.0	6.5	8.0	8.0	8.0	10.0	3.5	9.0	6.0	8.0	8.0	8.0	8.0
FG 25pk	SC	F	SC	F	SC	F	C	F	C	F	C	F	C	F	F	C	C	C	C	F	SC
SS 25pk			M		M	M		M	M		M			M			M		M		

Alpen® x1 Single Use Diamonds

► Available in 25 packs

	Curettage/Pointed Taper				Modified Beveled Cylinder		Round End Cylinder			Beveled Cylinder		Round Wheel		End Cutting		
																
Shape #	878K	879K	879K	879K	878	878	KS 0	KS 1	KS 2	885	886	909	909	10839	10839	10839
Head Ø (1/10mm)	021	012	014	018	012	014				012	012	035	042	012	014	016
Head length (mm)	8.0	10.0	10.0	10.0	8.0	8.0	8.0	8.0	8.0	8.0	10.0	1.3	1.5			
FG 25pk	C	C	C	SC	C	F	C	C	F	SC	SC	C	C			
SS 25pk			M	M										M	M	M

Alpen® x1 Single Use Finishing Diamonds

Alpen® x1 Turbo Diamonds

► Cooling spiral channels direct water flow & debris.

	Football		Egg	R.E. Taper	Pointed Cone			Flame			Football	Round End Taper				
																
Shape #	368	368	379	856	858	858	859	862	862	863	368	850	856	856	856	856L
Head Ø (1/10mm)	016	023	023	016	008	014	014	012	016	012	023	016	014	016	018	018
Head length (mm)	3.5	5.0	5.0	8.0	3.0	8.0	10.0	8.0	8.0	10.0	5.0	10.0	8.0	8.0	8.0	11.0
FG 25pk	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	TC	TC	TC	TC	TC	TC
SS 25pk																



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

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

EC REP

Coltène/Whaledent GmbH + Co KG
Raiffeisenstrasse 30
89129 Langenau / Germany
Tel. 49 (0)7345 805 0
Fax 49 (0)7345 805 201
info.de@coltene.com

coltene.com
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