

Midwest[®] Carbide & Diamond Burs



Midwest® Diamond Burs

Multi-Use Diamonds

Midwest® Diamonds are manufactured with natural diamonds, which provide more cutting surfaces than synthetic diamonds. They feature multiple, evenly distributed layers for optimum concentricity and reliable cutting, use after use.

5 per pack | FG or FGSS shank as noted

Midwest® Once® Sterile Single-Patient Diamonds

- Improve infection control — individually packaged and sterile.
- Save time and money — no need to clean and autoclave.
- Always sharp, so you're always working at optimal cutting efficiency.

25 per pack | FG shank; FGSS shank as noted

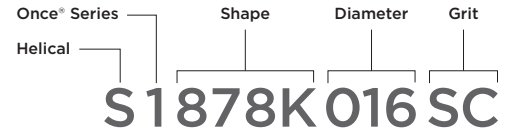
Midwest® Once® Helical Sterile Diamonds

- Clear diamond-free channel for optimal debris collection and removal.
- Unobstructed path aids water cooling.
- Specially treated diamond grit for efficient, smooth cutting.

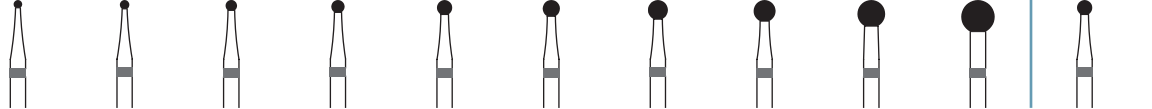
25 per pack | Super Coarse Grit | FG shank; FGSS shank as noted



Midwest® Once® Numbering System



Round



	Shape	801	801	801	801	801	801	801	801	801	801	801L
	Diameter [0.1 mm]	009	010	012	014	016	018	021	023	029	035	016
	Length [mm]	0.9	1.0	1.2	1.4	1.5	1.8	2.1	2.3	2.9	3.5	1.6
FG	● Extra Fine								471000			
	● Fine			471001	471002		471003	471004	471005	471006	471007	
	⊘ Medium	471008	471009	471010	471011	471012	471013	471510	471014	471015	471016	471029
	● Coarse	471017	471018	471019	471020	471021	471022		471023	471024		471030
	● Super Coarse					471025	471026		471027	471028		
	● Ultra Coarse								471456			
ONCE	● Fine								1801023F			
	● Medium		1801010M	1801012M		1801016M	1801018M					
	● Coarse		1801010C						1801023C			

Round Extended

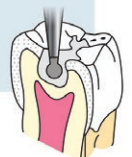
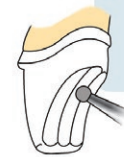


	Shape	802	802	802	802	802	802	802
	Diameter [0.1 mm]	009	010	012	014	016	018	023
	Length [mm]	2.9	2.9	2.9	2.9	2.9	2.9	2.9
FG	⊘ Medium	471031	471032	471033	471034	471035	471036	471037
	● Coarse		471038	471039	471040			



Round

Useful for opening and shaping cavity preparations. Can also be used for depth cuts. Extra large sizes useful for opening and shaping crown chambers for endodontic access.



Pear



	Shape	830	830	830	830	830	830
	Diameter [0.1 mm]	008	008	009	010	012	012
	Length [mm]	1.5	2.0	2.75	2.75	2.75	3.0
FG	⊘ Medium		471489	471490	471491	471492	
ONCE	● Medium	1830008M					1830012M
	● Coarse						1830012C

Inverted Cone

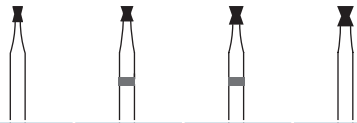


Inverted Cone Long



	Shape	805	805	805	805	805	805	805	805	807	807	807
	Diameter [0.1 mm]	009	010	012	014	016	018	023	042	012	016	018
	Length [mm]	1.1	1.1	1.4	1.5	1.5	1.6	2.4	2.5	3.5	4.0	5.0
FG	● Fine				471041							
	⊘ Medium	471042	471043	471044	471045	471046	471047	471048	471049	471054	471055	471056
	● Coarse			471050	471051						471057	
	● Super Coarse					471052						
FGSS	⊘ Medium			471053								
ONCE	● Medium			1805012M								
	● Coarse			1805012C		1805016C						

Inverted Double Cone



	Shape	813	813	813	813
	Diameter [0.1 mm]	010	014	016	018
	Length [mm]	1.6	1.6	2.0	2.2
FG	⊘ Medium	471064	471065	471066	471069
	● Coarse		471068	471067	
	● Super Coarse			471511	

Inverted Cone

Useful for initial opening and contouring of cavity preparations and mechanical retentions/undercuts. Longer head lengths are best suited for shaping walls and floors of deeper preparations.

Cylinder Round End



	Shape	838	838	881	881	881
	Diameter [0.1 mm]	010	012	009	012	014
	Length [mm]	4.0	4.0	8.0	8.0	8.0
FG	⊘ Medium	471499	471500			
ONCE	● Coarse			1881009C	1881012C	1881014C
	● Super Coarse				1881012SC	1881014SC

Cylinder Round End – KS



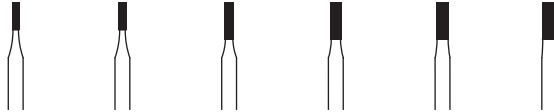
	Shape	KS0	KS1	KS2	KS3
	Diameter [0.1 mm]	010	012	014	016
	Length [mm]	7.2	7.2	8.2	8.2
FG	● Fine	471430			
	⊘ Medium	471431			
	● Super Coarse		471432	471434	471436
	● Super Coarse		471433	471435	471437
FGSS	● Super Coarse		471433	471435	471437
ONCE	FGSS ● Helical SC		S1KS1012SC	S1KS2014SC	



- Ultra Fine
- Extra Fine/Super Fine (Midwest® Once®)
- Fine
- ⊘ Medium
- Medium (Midwest® Once®)
- Coarse
- Super Coarse
- Ultra Coarse
- ◆ Diamond symbol denotes Specialty Diamond bur.
- Midwest® Once® Single-Patient Diamonds

Additional sizes or grits may be available. Please contact Dentsply Sirona for more information.

Cylinder Flat End

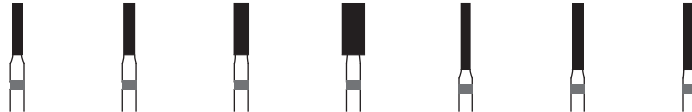
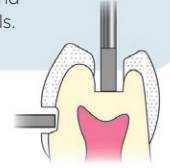


Shape		835	835	835	835	835	835
Diameter	[0.1 mm]	008	009	010	012	014	016
Length	[mm]	3.0	3.0	4.0	4.0	4.0	4.0
FG	∅ Medium	471493	471494	471495	471496	471497	471498
	● Medium			1835010M	1835012M		
ONCE	● Coarse			1835010C		1835014C	



Cylinder Flat End

Use when parallel sides and flat surfaces are needed. Creates flat floors, shoulders and straight walls.

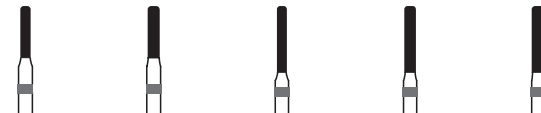


Shape		836	836	836	836	837	837	837
Diameter	[0.1 mm]	012	014	018	027	012	014	016
Length	[mm]	6.0	6.0	6.0	6.0	8.0	8.0	8.0
FG	● Fine	471070	471072	471073		471084	471085	
	∅ Medium	471071			471074	471086	471087	471088
	● Coarse	471075	471076	471077		471089	471090	471091
	● Super Coarse		471078				471092	
	● Ultra Coarse						◆ 471457	
FGSS	∅ Medium	471079	471080					
ONCE	● Coarse					1837012C		1837016C
	● Helical SC					S1837012SC	S1837014SC	S1837016SC

- Ultra Fine
- Extra Fine/ Super Fine (Midwest® Once®)
- Fine
- ∅ Medium
- Medium (Midwest® Once®)
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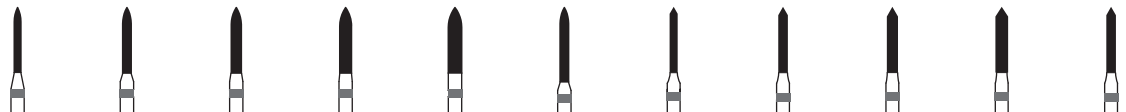
Additional sizes or grits may be available. Please contact Dentsply Sirona for more information.

Cylinder Flat End Modified – KR



Shape		836KR	836KR	837KR	837KR	837KR
Diameter	[0.1 mm]	012	014	012	014	016
Length	[mm]	6.0	6.0	8.0	8.0	8.0
FG	● Fine	471081	471082	471093	471094	
	∅ Medium		471082	471095	471096	
	● Coarse				471097	471098
	● Super Coarse			471099	471100	
ONCE	● Helical SC				S1837KR014SC	S1837KR016SC

Cylinder Beveled



Shape		878	878	878	878	878	879	885	885	885	885	886
Diameter	[0.1 mm]	010	012	014	016	018	012	010	012	014	016	012
Length	[mm]	8.0	8.0	8.0	8.0	8.0	9.5	8.2	8.2	8.2	8.2	10.0
FG	● Fine	471299	471300	471301	471302				471347	471348		
	∅ Medium	471303	471304	471305				471349	471350	471351		
	● Coarse	471306	471307	471308	471309	471310			471352	471353		
	● Super Coarse		471311						471354	471355		
FGSS	● Fine		471312									
	∅ Medium		471313	471314					471356			
	● Coarse		471315	471316					471357			
	● Super Coarse		471317									
ONCE	● Ultra Coarse			◆ 471470								
	● Fine		1878012F									
ONCE	● Coarse		1878012C						1885012C		1885016C	1886012C
	● Helical SC		S1878012SC				S1879012SC		S1885012SC			S1886012SC

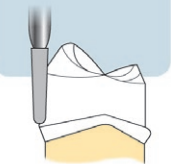
Taper Round End



	Shape	849	849	849	849	855	855	855	855S	855	855
	Diameter [0.1 mm]	009	010	012	016	012	014	016	016	018	025
	Length [mm]	3.0	4.0	4.0	4.0	6.0	6.0	6.0	6.5	6.0	7.0
FG	● Fine					471187	471188				
	⊘ Medium	471506	471507	471508	471509	471189	471190				
	● Coarse					471191					
	● Super Coarse					471192		471193		471194	
	● Ultra Coarse										◆ 471462
FGSS	● Coarse							471195			
ONCE	FGSS ● Coarse								1855S016C		
	FGSS ● S Coarse								1855S016SC		
	● Helical SC						S1855014SC				S1855025SC

Taper Round End

Useful for crown preparations with chamfered/beveled margins. Tapered sides assist in shaping to avoid undercuts.





	Shape	856	856	856	856	856	856	856	856	KS6
	Diameter [0.1 mm]	012	014	016	018	021	025	027	029	025
	Length [mm]	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	9.0
FG	● Fine	471196	471197	471198	471199	471200				
	⊘ Medium	471201	471202	471203	471204	471205	471206			
	● Coarse	471207	471208	471209	471210	471211	471212			
	● Super Coarse	471213	471214	471215	471216	471217	471218			471441
	● Ultra Coarse		◆ 471463	◆ 471464	◆ 471465					
FGSS	⊘ Medium	471219		471220						
	● Coarse	471221	471222	471223	471224			471225	471226	
	● Super Coarse	471227	471228	471229	471230		471231			
ONCE	● Fine			1856016F						
	● Medium		1856014M	1856016M						
	● Coarse	1856012C	1856014C	1856016C	1856018C	1856021C	1856024C			
	● Super Coarse		1856014SC		1856018SC					
	● Helical SC	S1856012SC	S1856014SC	S1856016SC	S1856018SC		S1856025SC			

Taper Round End Long




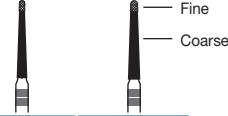
	Shape	850	850	850	850	850	850	856L	856L	856L	856L
	Diameter [0.1 mm]	010	012	014	016	018	023	014	016	018	020
	Length [mm]	10.0	10.0	10.0	10.0	10.0	10.0	9.0	9.0	9.0	9.0
FG	● Fine		471166	471167	471168			471232	471233	471234	471235
	⊘ Medium		471169	471170	471171	471172	471173	471236	471237	471238	471239
	● Coarse			471174	471175	471176	471177	471240	471241	471242	471243
	● Super Coarse		471178		471179	471180		471244	471245	471246	
	● Ultra Coarse				◆ 471467						◆ 471466
FGSS	● Coarse			471181							
	● Super Coarse				471182			471247	471248		
ONCE	● Coarse	1850010C	1850012C	1850014C					1856L016C	1856L018C	
	● Super Coarse									1856L018SC	
	● Helical SC			S1850014SC	S1850016SC	S1850018SC					

Taper Round End Modified – KR



	Shape	850KR	850KR
	Diameter [0.1 mm]	014	018
	Length [mm]	10.0	10.0
FG	● Fine	471183	471184
	○ Medium	471185	471186

Taper Round End 2-Grit

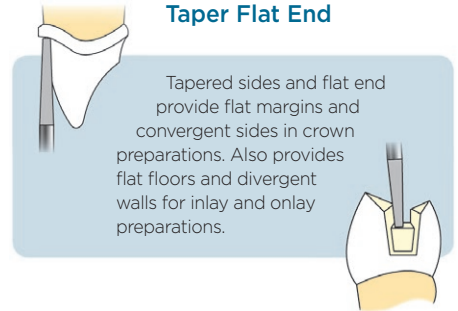

	Shape	6844	6844
	Diameter [0.1 mm]	014	016
	Length [mm]	1.5 / 10.0	1.5 / 10.0
FG	●● Fine & Coarse	◆ 471445	◆ 471446

Taper Flat End



	Shape	845	845	845	845	846
	Diameter [0.1 mm]	009	010	012	014	016
	Length [mm]	4.0	4.0	4.0	4.0	6.0
FG	○ Medium	471501	471502	471503	471504	
ONCE	● Helical SC					S1846016SC

Taper Flat End

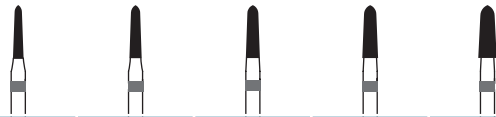
	Shape	847	847	847	847	848	848	848	848
	Diameter [0.1 mm]	012	014	016	018	014	016	018	023
	Length [mm]	8.0	8.0	8.0	8.0	10.0	10.0	10.0	10.0
FG	● Fine	471120	471121	471122			471151	471152	
	○ Medium	471123	471124	471125	471126	471153	471154	471155	471156
	● Coarse	471127	471128	471129	471130	471157	471158	471159	471160
	● Super Coarse	471131	471132	471133	471134		471161	471162	
	● Ultra Coarse		◆ 471458	◆ 471459				◆ 471461	
FGSS	● Coarse	471135	471136	471137	471138		471163		
	● Super Coarse	471139	471140	471141	471142		471164	471165	
ONCE	● Medium							1848018M	
	● Coarse		1847014C	1847016C	1847018C		1848016C		
	● Super Coarse		1847014SC		1847018SC			1848018SC	
	● Helical SC		S1847014SC	S1847016SC		S1848014SC	S1848016SC	S1848018SC	

Taper Flat End Modified – KR

	Shape	845KR	845KR	845KR	846KR	847KR	847KR
	Diameter [0.1 mm]	016	018	025	016	016	018
	Length [mm]	4.0	4.0	4.0	6.0	8.0	8.0
FG	● Fine	471103	471104	471105	471115	471143	
	○ Medium	471106	471107	471108	471116	471144	
	● Coarse		471109	471110		471145	471146
	● Super Coarse		471111	471112		471147	471148
	● Ultra Coarse						◆ 471460
FGSS	● Fine				471117		
	○ Medium		471113	471114	471118		
	● Super Coarse				471119	471149	471150
ONCE	● Coarse					1847KR016C	1847KR018C
	● Super Coarse		1845KR018SC				1847KR018SC
	● Helical SC					S1847KR016SC	

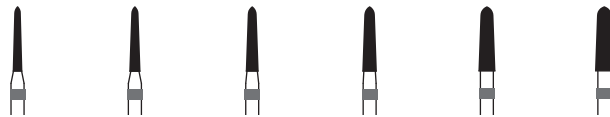
Taper Modified Bevel



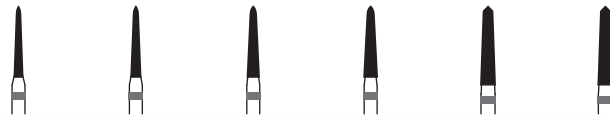
	Shape	877K	877K	877K	877K	877K
	Diameter [0.1 mm]	012	014	016	018	021
	Length [mm]	6.0	6.0	6.0	6.0	6.0
FG	● Fine		471284	471285		
	⊘ Medium	471286	471287	471288	471289	
	● Coarse	471290	471291	471292	471293	471294
	● Super Coarse			471295		
FGSS	● Coarse		471296	471297		
	● Super Coarse			471298		

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	Shape	878K	878K	878K	878K	878K	878K
	Diameter [0.1 mm]	012	014	016	018	021	023
	Length [mm]	8.0	8.0	8.0	8.0	8.0	8.0
FG	● Fine			471318			
	⊘ Medium	471319	471320	471321	471322	471323	
	● Coarse	471324	471325	471326	471327	471328	471329
	● Super Coarse	471330	471331	471332	471333	471334	471335
	● Ultra Coarse			◆ 471471	◆ 471472		
FGSS	⊘ Medium	471336	471337	471338	471339		
	● Coarse	471340	471341	471342	471343		
	● Super Coarse			471344	471345		
ONCE	● Medium	1878K012M		1878K016M			
	● Coarse		1878K014C	1878K016C	1878K018C		
	● Super Coarse				1878K018SC		
	● Helical SC			S1878K016SC	S1878K018SC		



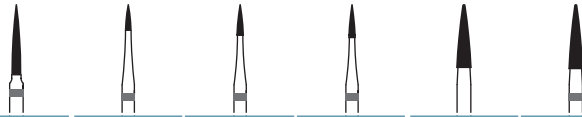
	Shape	879K	879K	879K	879K	35006	36006
	Diameter [0.1 mm]	012	014	016	018	018	018
	Length [mm]	9.5	9.5	10.0	10.0	9.0	9.0
FG	● Fine			471522			
	● Coarse			471521			471101
	● Super Coarse					471102	
ONCE	● Coarse	1879K012C	1879K014C				
	● Super Coarse				1879K018C		
	● Helical SC		S1879K014SC	S1879K016SC	S1879K018SC		



Flame

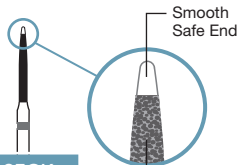


Shape		862	862	862	862	862	863	863	863
Diameter [0.1 mm]	Length [mm]	010	012	014	016	021	012	014	016
		8.0	8.0	8.0	8.0	8.0	10.0	10.0	10.0
FG	○ Ultra Fine		◆ 471259						
	● Extra Fine		471260		471261		471520		
	● Fine	471262	471263	471264	471265		471519		
	⊘ Medium	471266	471267	471268	471269	471270			
	● Coarse		471271	471272	471273	471274	471518	471517	
	● Super Coarse		471275	471276	471277				
	● Ultra Coarse			◆ 471469					
FGSS	● Fine		471278						
	⊘ Medium		471279						
	● Coarse		471280						
	● Super Coarse		471281	471282	471283				
ONCE	● Super Fine		1862012SF						
	● Fine	1862010F	1862012F				1863012F		
	● Medium	1862010M	1862012M				1863012M		
	● Coarse	1862010C	1862012C	1862014C	1862016C		1863012C		
	● Helical SC		S1862012SC				S1863012SC	S1863014SC	S1863016SC



Shape		888	889S	889	889	30011	36011
Diameter [0.1 mm]	Length [mm]	010	009	009	010	018	018
		8.0	3.0	3.5	4.0	6.5	6.9
FG	● Fine	471359		471364	471365		
	⊘ Medium	471360		471366		471369	
	● Coarse	471361		471367	471368		471370
FGSS	⊘ Medium	471362					
	● Coarse	471363					
ONCE	● Fine		1889S009F	1889009F			

Flame Long Safe End




Shape		863GK
Diameter [0.1 mm]	Length [mm]	012
		10.0
FG	● Extra Fine	◆ 471454
	● Fine	◆ 471455

Safe End Feature

- Ultra Fine
- Extra Fine/Super Fine (Midwest® Once®)
- Fine
- ⊘ Medium
- Medium (Midwest® Once®)
- Coarse
- Super Coarse
- Ultra Coarse
- ◆ Diamond symbol denotes Specialty Diamond bur.
- Midwest® Once® Single-Patient Diamonds

Additional sizes or grits may be available. Please contact Dentsply Sirona for more information.

Needle

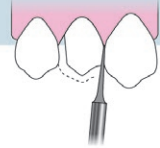


	Shape	858	858	859	859	859
	Diameter [0.1 mm]	014	016	012	014	024
	Length [mm]	8.0	8.0	11.0	10.0	10.0
FG	● Extra Fine	471249				471514
	● Fine	471250		471515		471513
	○ Medium	471251	471252			
	● Coarse	471253	471254	471516		471512
	● Super Coarse	471255				
	● Ultra Coarse	◆ 471468				
FGSS	○ Medium	471256				
	● Coarse	471257				
	● Super Coarse	471258				
ONCE	● Super Fine	1858014SF			1859014SF	
	● Fine	1858014F			1859014F	
	● Coarse	1858014C		1859012C	1859014C	




Needle and Interproximal

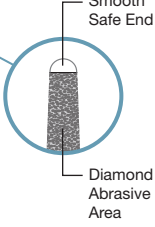
The shaped ends of these diamonds allow delicate interproximal cutting. Effective on buccal and lingual surfaces in breaking contact.



Interproximal



	Shape	392	392A
	Diameter [0.1 mm]	016	016
	Length [mm]	5.0	3.5
FG	● Extra Fine	471447	
	● Fine	471448	471449
ONCE	● Fine	1392016F	




Smooth Safe End

Diamond Abrasive Area


Safe End Feature

Esthetic Trim Bullet



	Shape	247	247
	Diameter [0.1 mm]	007	009
	Length [mm]	3.0	3.0
FG	○ Ultra Fine	◆ 471401	◆ 471402
	● Extra Fine	471403	471404
	● Fine	471405	471406

Esthetic Trim



	Shape	ET3	ET4	ET6	ET9
	Diameter [0.1 mm]	008	010	014	014
	Length [mm]	3.0	4.0	6.0	9.0
FG	○ Ultra Fine	◆ 471386	◆ 471389	◆ 471392	◆ 471395
	● Extra Fine	471387	471390	471393	471396
	● Fine	471388	471391	471394	471397



Football



KS



	Shape	368	368	368	368	899	899	899	30009	KS4
	Diameter [0.1 mm]	016	018	020	023	021	027	031	020	024
	Length [mm]	3.25	3.6	4.7	5.2	6.5	7.0	7.0	4.5	4.3
FG	○ Ultra Fine	◆ 471407			◆ 471413					
	● Extra Fine	471408			471414					
	● Fine	471409			471415	471371	471372	471373		471438
	○ Medium	471410			471416	471374	471375	471376	471377	
	● Coarse	471411			471417					
	● Super Coarse	471412			471418					471439
	● Ultra Coarse				◆ 471473					
ONCE	● Super Fine	1368016SF			1368023SF					
	● Fine	1368016F		1368020F	1368023F					
	● Medium	1368016C	1368018C	1368020C	1368023C					
	● Coarse				1368023C					

Esthetic Trimming Egg



Egg & Football

Rounded shapes are commonly used for both reduction and shaping of lingual and occlusal surfaces.



	Shape	379	379	379	379	379	379
	Diameter [0.1 mm]	012	014	016	018	021	023
	Length [mm]	3.0	3.0	3.4	3.4	4.2	4.25
FG	○ Ultra Fine						◆ 471398
	● Extra Fine				471261		471399
	● Fine	471419	471420	471422	471423	471426	471400
	○ Medium		471421		471424		471427
	● Coarse						471428
	● Super Coarse				471425		471429
	● Ultra Coarse						◆ 471474
ONCE	● Super Fine						1379023SF
	● Fine				1379018F		1379023F
	● Coarse						1379023C
	● Super Coarse						1379023SC
	● Helical SC						S1379023SC

Wheel, Rounded Edge



KS



	Shape	909	909	909	909	909	909	KS7
	Diameter [0.1 mm]	035	040	042	050	055	065	055
	Length [mm]	1.2	1.4	1.4	1.5	2.5	3.0	1.2
FG	● Fine		471378					
	○ Medium		471379		471380	471381		
	● Coarse		471483				471484	
	● Super Coarse		471385					471442
	● Ultra Coarse		◆ 471475					
ONCE	● Coarse	1909035C		1909042C				


- Ultra Fine
- Extra Fine/Super Fine (Midwest® Once®)
- Fine
- Medium
- Medium (Midwest® Once®)
- Coarse
- Super Coarse
- Ultra Coarse

◆ Diamond symbol denotes Specialty Diamond bur.

Midwest® Once® Single-Patient Diamonds


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Barrel



		Shape	811	811
Diameter		[0.1 mm]	033	037
Length		[mm]	4.2	7.5
FG	∅ Medium		471058	471059
	● Coarse		471060	471061
	● Super Coarse		471062	471063
	● Ultra Coarse	◆	471476	
ONCE	● Coarse		1811033C	1811037C
	● Super Coarse		1811033SC	1811037SC

KS Teardrop

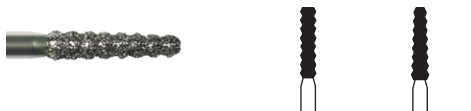


		Shape	KS5
Diameter		[0.1 mm]	031
Length		[mm]	6.2
FG	● Super Coarse		471440

- Ultra Fine
- Extra Fine/Super Fine (Midwest® Once®)
- Fine
- ∅ Medium
- Medium (Midwest® Once®)
- Coarse
- Super Coarse
- Ultra Coarse
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- Midwest® Once® Single-Patient Diamonds


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Gross Reduction



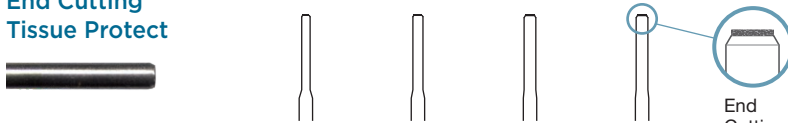
		Shape	6051	6055
Diameter		[0.1 mm]	017	018
Length		[mm]	7.6	8.2
ONCE	● Coarse		16051017C	16055018C

Depth Cutter



		Shape	834	834
Diameter		[0.1 mm]	016	021
Length		[mm]	6.0	6.0
Depth		[mm]	3.0	5.0
FG	∅ Medium		◆ 471443	◆ 471444

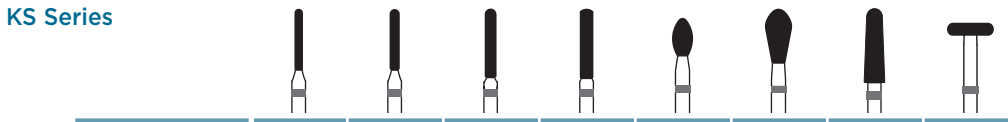
End Cutting
Tissue Protect



		Shape	10839	10839	10839	10839
Diameter		[0.1 mm]	010	012	014	016
Length		[mm]	0.1	0.1	0.1	0.1
FG	∅ Medium		◆ 471450	◆ 471451	◆ 471452	◆ 471453

End Cutting

KS Series



		Shape	KS0	KS1	KS2	KS3	KS4	KS5	KS6	KS7
Diameter		[0.1 mm]	010	012	014	016	024	031	025	055
Length		[mm]	7.2	7.2	8.2	8.2	4.3	6.2	9.0	1.2
FG	● Fine		471430				471438			
	∅ Medium		471431							
	● Super Coarse			471432	471434	471436	471439	471440	471441	471442
FGSS	● Super Coarse			471433	471435	471437				

