

Rotary



## KaVo Kerr Carbides

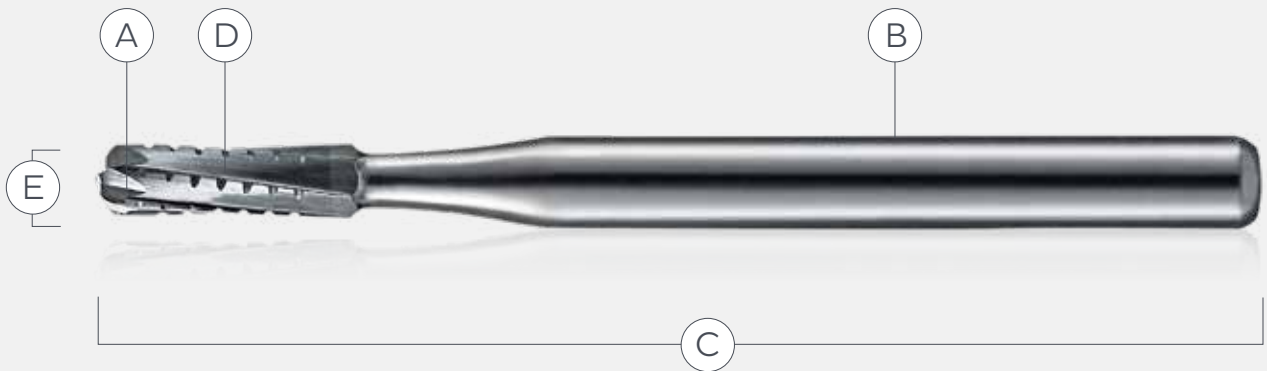
Comprehensive Portfolio of Operative, Trimming & Finishing and Specialty Carbides

### PRECISION. QUALITY. VALUE.

KaVo Kerr knows we've designed our Carbide burs cut with excellence and ease. Our line of Operative, Trimming & Finishing, and Specialty Carbide burs allow you to cut with precision and comfort all at a value.

Precise results—every time.

# The high quality instruments you need.



- A** Material of cutting surface carbide
- B** Shank and overall length (HP, LA, FG, etc.)
- C** Shank and overall length (HP, LA, FG, etc.)
- D** Shape and type of finish (Round, Cylinder, Kriss Kross, etc.)
- E** Nominal size (ISO 2157), largest cutting head diameter in 1/10mm

## Shank Type

Code	Shank Type	Image	Dimensions		
			Diameter (mm)	Length (mm)	ISO
FG SS	Friction Grip Short Shank		1.6	16.5	313
FG	Friction Grip		1.6	19	314
FG OS	Friction Grip Oral Surgical		1.6	25	316
LA	Latch		2.35	22	204
LA OS	Latch Oral Surgical		2.35	26	205
HP	Handpiece		2.35	44.5	104
HP OS	Handpiece Oral Surgical		2.35	65	105

# Operative Carbides



## Round

Ideal for initial entry, excavating infected dentin, extending preparation walls, creating retentive features, and endodontic access. Smaller head diameters help create ultra-conservative preparations.

REF NO.	FG 1/4	FG 1/2	FG1	FG2	FG3	FG4	FG5	FG6	FG7	FG8	HP10
Ø 1/16 mm	005	006	008	010	012	014	016	018	021	023	027
LG mm	-	-	-	-	-	-	-	-	-	-	-
FG	FG 1/4-KC0	FG 1/2-KC0	FG1-KC0	FG2-KC0	FG3-KC0	FG4-KC0	FG5-KC0	FG6-KC0	FG7-KC0	FG8-KC0	
FG 100-pack	FG 1/4-KCC	FG 1/2-KCC		FG2-KCC		FG4-KCC		FG6-KCC		FG8-KCC	
FG 55	FGSS 1/4-KC0			FGSS2-KC0		FGSS4-KC0		FGSS6-KC0			
FG 05	FGOS 1/4-KC0	FGOS 1/2-KC0	FGOS1-KC0	FGOS2-KC0	FGOS3-KC0	FGOS4-KC0		FGOS6-KC0		FGOS8-KC0	
LA	LA 1/4-KC0	LA 1/2-KC0	LA1-KC0	LA2-KC0	LA3-KC0	LA4-KC0	LA5-KC0	LA6-KC0		LA8-KC0	
LA 100-pack				LA2-KCC		LA4-KCC		LA5-KCC		LA6-KCC	
LA 05				LAOS2-KC0	LAOS3-KC0	LAOS4-KC0		LAOS6-KC0		LAOS8-KC0	
HP			HP1-KC5	HP2-KC5	HP3-KC5	HP4-KC5		HP6-KC5		HP8-KC5	HP10-KC5



## Pear

Creates a preparation with converging walls and round internal line angles. Ideal for creating mechanical retention and maintaining full-length enamel rod margins on pit and fissure surfaces. FG245 and FG246 offer a longer head length and flat floors with rounded internal line angles.

REF NO.	FG329	FG330	FG331	FG331L	FG332	FG332L
Ø 1/16 mm	006	008	010	010	012	012
LG mm	1.6	1.6	1.6	4.1	1.6	4.1
FG	FG329-KC0	FG330-KC0	FG331-KC0	FG331L-KC0	FG332-KC0	FG332L-KC0
FG 100-pack		FG330-KCC	FG331-KCC		FG332-KCC	
FG 55		FGSS330-KC0	FGSS331-KC0		FGSS332-KC0	



## Amalgam Prep

REF NO.	FG245	FG246
Ø 1/16 mm	009	012
LG mm	2.7	3.7
FG	FG245-KC0	FG246-KC0
FG 100-pack	FG245-KCC	
FG 55	FGSS245-KC0	

# Operative Carbides



## Inverted Cone

Offers a sharp taper ideal for creating mechanical locks in preparations.

REF NO.	FG33 1/2	FG34	FG35	FG36	FG37	FG39
Ø 1/10 mm	006	008	010	012	014	018
LG mm	0.4	0.6	0.7	0.8	0.8	1.3
FG	FG33 1/2-KC0	FG34-KC0	FG35-KC0	FG36-KC0	FG37-KC0	FG39-KC0
FG 100-pack			FG35-KCC			
FG SS			FGSS35-KC0			
LA	LA33 1/2-KC0	LA34-KC0	LA35-KC0		LA37-KC0	
HP			HP35-KC5	HP36-KC5	HP37-KC5	HP39-KC5
V10-pack			FG35V-KC0		FG37V-KC0	



## Straight Flat-End Fissure

Creates a preparation with parallel walls and a flat floor. Useful for establishing the periphery of a preparation.

REF NO.	FG56	FG57	FG58	FG256	FG257
Ø 1/10 mm	009	010	012	009	010
LG mm	3.2	3.7	3.7	2.8	3.8
FG	FG56-KC0	FG57-KC0	FG58-KC0	FG256-KC0	FG257-KC0
FG 100-pack	FG56-KCC	FG57-KCC		FG256-KCC	
FG SS	FGSS56-KC0	FGSS57-KC0			
FG OS		FGOS57-KC0			
HP		HP57-KC5			



## Straight Flat End X-Cut Fissure

Cross-Cuts increase cutting efficiency and facilitate cutting dentin at lower speeds for improved tactile response x2.

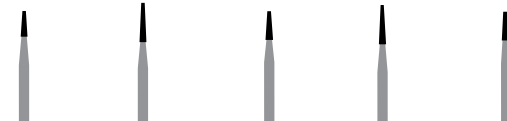
REF NO.	FG556	FG556L	FG557	FG557L	FG558	FG558L	FG559
Ø 1/10 mm	009	009	010	010	012	012	014
LG mm	3.2	4.9	3.7	4.9	3.7	4.9	4.1
FG	FG556-KC0	FG556L-KC0	FG557-KC0	FG557L-KC0	FG558-KC0	FG558L-KC0	
FG 100-pack	FG556-KCC		FG557-KCC		FG558-KCC		
FG SS	FGSS556-KC0		FGSS557-KC0		FGSS558-KC0		
FG SS 100-pack			FGSS557-KCC				
FG OS	FGOS556-KC0		FGOS557-KC0				FGOS559-KC0
FG OS 100-pack			FGOS557-KCC		FGOS557-KCC		
LA			LA557-KC0				
LA OS			LAOS557-KC0				
HP			HP557-KC5		HP558-KC5		HP559-KC5

# Operative Carbides



## Taper Flat End Fissure

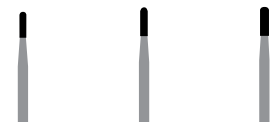
Creates diverging preparation walls ideal for indirect restorations. Cross-Cuts increase cutting efficiency. Tapered shape helps maintain full-length enamel rod margins on convex tooth surfaces.



REF NO.	<b>FG169</b>	<b>FG169L</b>	<b>FG170</b>	<b>FG170L</b>	<b>FG171</b>
Ø 1/16 mm	009	009	010	010	012
LG mm	3.2	4.9	3.7	4.9	3.7
FG	FG169-KC0	FG169L-KC0	FG170-KC0	FG170L-KC0	FG171-KC0
FG 100-pack	FG169-KCC	FG169L-KCC			
FG SS	FGSS169-KC0				



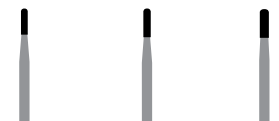
## Straight Round End Fissure



REF NO.	<b>FG1156</b>	<b>FG1157</b>	<b>FG1158</b>
Ø 1/16 mm	009	010	012
LG mm	3.2	3.7	3.7
FG	FG1156-KC0	FG1157-KC0	FG1158-KC0
FG 100-pack	FG1156-KCC	FG1157-KCC	FG1158-KCC
FG SS	FGSS1556-KC0	FGSS1157-KC0	



## Straight Round End X-Cut Fissure



REF NO.	<b>FG1556</b>	<b>FG1557</b>	<b>FG1558</b>
Ø 1/16 mm	009	010	012
LG mm	3.2	3.7	3.7
FG	FG1556-KC0	FG1557-KC0	FG1558-KC0
FG 100-pack	FG1556-KCC	FG1557-KCC	FG1558-KCC
FG SS		FGSS1557-KC0	

# Operative Carbides



## Taper Flat End X-Cut Fissure

REF NO.	FG699	FG699L	FG700	FG701	FG701L	FG702	FG702L	FG703	HP703L
Ø 1/32 mm	009	009	010	012	012	016	016	021	021
LG mm	3.2	4.9	3.7	3.7	4.9	4.1	4.9	4.5	5.7
FG	FG699-KC0	FG699L-KC0	FG700-KC0	FG701-KC0	FG701L-KC0	FG702-KC0		FG703-KC0	
FG 100-pack	FG699-KCC		FG700-KCC	FG701-KCC					
FG SS	FGSS699-KC0		FGSS700-KC0	FGSS701-KC0					
FG OS			FGOS700-KC0	FGOS701-KC0		FGOS702-KC0	FGOS702L-KC0	FGOS703-KC0	
FG OS 100-pack						FGOS702-KCC			
HP	HP699-KC5		HP700-KC5	HP701-KC5		HP702-KC5	HP702L-KC5	HP703-KC5	HP703L-KC5
HP OS						HPOS702-KC5			



## Taper Round End Fissure

REF NO.	FG1169	FG1169L	FG1170	FG1170L	FG1171	FG1171L	FG1172
Ø 1/32 mm	009	009	010	010	012	012	016
LG mm	3.2	4.9	3.7	4.9	3.7	4.9	4.1
FG	FG1169-KC0	FG1169L-KC0	FG1170-KC0	FG1170L-KC0	FG1171-KC0	FG1171L-KC0	FG1172-KC0
LA					LA1171-KC0		LA1172-KC0
HP			HP1170-KC5				



## Taper Round End X-Cut Fissure

REF NO.	FG1702	HP1703
Ø 1/32 mm	016	021
LG mm	4.1	4.5
FG OS	FGOS1702-KC0	
HP		HP1703-KC5



## Trimming & Finishing Carbides

At KaVo Kerr, we know that patient comfort combined with precision will set your practice apart. As a result, we are proud to offer high-quality, Trimming & Finishing Carbides to provide you peace of mind in order to obtain the fine detail required to finish your restorations.

Trimming and Finishing Carbides are offered in a wide variety of shapes and sizes, which are essential for achieving optimal esthetic results. The high-quality construction and sharp, precision ground finishing carbide flutes promote a smooth, vibration-free and comfortable experience.



### Egg

For contouring or placing anatomy on posterior occlusal surfaces. Also suitable for smoothing and shaping anterior lingual surfaces.

REF. NO.	FG7404	FG7406	FG7408	FG9406
Ø 1/16 mm	014	018	023	018
LG mm	2.8	3.4	3.6	3.4
Blades	12	12	12	30
FG	FG7404-KCO	FG7406-KCO	FG7408-KCO	FG9406-KCO
FG 100-pack	FG7404-KCC	FG7406-KCC	FG7408-KCC	
LA	LA7406-KCO			



### Bullet

Ideal for initial definition of fissures and anatomy in posterior teeth.

REF. NO.	FG7801	FG7802	FG7803	FG9803
Ø 1/16 mm	009	010	012	012
LG mm	2.7	2.8	2.9	2.9
Blades	12	12	12	30
FG	FG7801-KCO	FG7802-KCO	FG7803-KCO	FG9803-KCO



### Round

Ideal for finishing anterior lingual and posterior occlusal surfaces.


REF. NO.	FG7002	FG7003	FG7004	FG7006	FG7008	FG7009	FG9004	FG9006	FG9008
Ø 1/16 mm	010	012	014	018	023	025	014	018	023
LG mm	-	-	-	-	-	-	-	-	-
Blades	12	12	12	12	12	12	30	30	30
FG	FG7002-KCO	FG7003-KCO	FG7004-KCO	FG7006-KCO	FG7008-KCO	FG7009-KCO	FG9004-KCO	FG9006-KCO	FG9008-KCO

# Trimming and Finishing



## Flame

Useful in establishing and defining pit and fissure anatomy.




REF NO.	FG7104	FG7106	FG7108
Ø 1/10 mm	014	018	023
LG mm	2.8	3.4	4.2
Blades	12	12	12
FG	FG7104-KC0	FG7106-KC0	FG7108-KC0



## Needle

Establishes anatomical pits and fissures in occlusal surfaces.




REF NO.	FG7901	FG7902	FG7903	FG9903	FG9904
Ø 1/10 mm	009	010	012	012	014
LG mm	3.2	3.4	3.7	4.9	4.9
Blades	12	12	12	30	30
FG	FG7901-KC0	FG7902-KC0	FG7903-KC0	FG9903-KC0	FG9904-KC0
FG 100-pack	FG7901-KCC	FG7902-KCC			




## Taper Finishing

Ideal for trimming excess material on anterior labial surfaces or the cervical portion of any tooth. Available in Needle point, Round End and Flat End shapes in multiple lengths to match any contouring challenge.



REF NO.	FG219EZ	FG7114	FG7204	FG7205	FG7206	FG7214	FG7283	FG7714	FG7611	FG7612	FG7613
Ø 1/10 mm	014	009	014	016	018	010	016	014	010	014	014
LG mm	8.5	2.9	8.5	8.5	8.5	5.1	9.9	7.6	3.9	5.8	8.7
Blades	6	12	12	12	12	12	12	12	12	12	12
FG	FG219EZ-KC0	FG7114-KC0	FG7204-KC0	FG7205-KC0	FG7206-KC0	FG7214-KC0	FG7283-KC0	FG7714-KC0	FG7611-KC0	FG7612-KC0	FG7613-KC0



REF NO.	FG7642	FG7664	FG7702	FG7713	FG9214	FG9642	FG9713	FG9714	FG9716
Ø 1/10 mm	010	015	010	012	010	010	012	014	023
LG mm	5.7	8.6	4.9	4.9	5.1	5.7	5.1	7.6	3.9
Blades	12	12	12	12	18	30	30	18	30
FG	FG7642-KC0	FG7664-KC0	FG7702-KC0	FG7713-KC0	FG9214-KC0	FG9642-KC0	FG9713-KC0	FG9714-KC0	FG9716-KC0



# Trimming and Finishing



## Concave Interproximal

Ideal for removing excess composite from proximal margins and embrasures.

REF NO.	FG7103	FG9103
Ø 1/32 mm	012	012
LG mm	3.2	3.2
Blades	12	24
FG	FG7103-KC0	FG9103-KC0



## Straight Finishing

Ideal for any instance when a straight, smooth preparation margin is desired or when convenience demands a straight-bladed shape.

REF NO.	FG7572	FG9561	FG9572
Ø 1/32 mm	010	009	010
LG mm	4.9	3.2	3.7
Blades	12	30	30
FG	FG7572-KC0	FG9561-KC0	FG9572-KC0



## Inverted Taper

Useful for obtaining a smooth surface on any preparation with converging preparation walls.

REF NO.	FG7303	FG7304
Ø 1/32 mm	012	014
LG mm	4.1	4.1
Blades	12	12
FG	FG7303-KC0	FG7304-KC0



## Crown & Bridge Chamfer

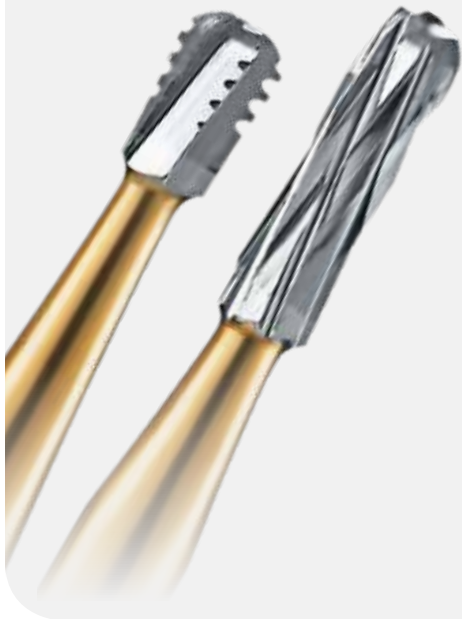
Ideal for removing excess composite from proximal margins and embrasures.

REF NO.	FG7345
Ø 1/32 mm	015
LG mm	4.2
Blades	12
FG	FG7345-KC0



## Finishing Torpedo

REF NO.	FG283
Ø 1/32 mm	012
LG mm	7.6
Blades	12
FG	FG283-KC0



## Specialty Carbides

Specialty carbides are a critical component to your dental practice and dental laboratory work. We aim to constantly prioritize with the satisfaction of our professional clientele and the patients they serve by designing instruments that promote efficacy, accuracy and safety, helping you get it right the first time. Our extensive range of specialty carbides encompass all of the professional needs of your dental practice including everything from trim and finish work to crowns and bridges.

### Fine Cross Cut

Fine Cross-Cut burs feature traditional head shapes with maximum density cross-cuts in the bur blades to dramatically increase cutting efficiency while simultaneously decreasing undesirable chatter, friction and clogging. Perfect for rapid reduction or crown removal. The slightly roughened preparation surface is ideal for improving micromechanical retention in composite preparations. Fine Cross-Cut burs are available in a wide variety of shapes to meet every clinical situation.



Pear

REF NO.	FG1930	FG1931	FG1931S
Ø 1/16 mm	008	010	010
LG mm	1.6	1.6	1.6
FG	FG1930-KCO	FG1931-KCO	FG1931S-KCO



Amalgam  
Prep

REF NO.	FG1945
Ø 1/16 mm	009
LG mm	2.7
FG	FG1945-KCO



Straight  
Fissure

REF NO.	FG2057
Ø 1/16 mm	010
LG mm	3.7
FG	FG2057-KCO
FG OS	FGOS2057-KCO



Straight  
Fissure Dome

REF NO.	FG1957	FG1958	FG1958S
Ø 1/16 mm	010	012	012
LG mm	3.7	3.7	3.7
FG	FG1957-KCO	FG1958-KCO	FG1958S-KCO

## Kriss Cross

The unique pyramid-shaped geometry facilitates cutting through tough materials like amalgam and porcelain with ease. Available in Straight Fissure and Taper shapes.



Straight Dome

REF NO.	FG2157	FG2158
Ø 1/10 mm	010	012
LG mm	3.7	3.7
FG	FG2157-KC0	FG2158-KC0



Taper Dome

REF NO.	FG2170	FG2171
Ø 1/10 mm	010	012
LG mm	3.7	3.7
FG	FG2170-KC0	FG2170-KC0



Solid Carbide

The single-piece construction of our Solid Carbide burs improves strength and reliability. Simultaneously increases corrosion resistance.

REF NO.	FG199Z	ENDO ZK
Ø 1/10 mm	015	015
LG mm	10.0	10.0
FG	FG199Z-KC0	ENDO ZKFG-KC0

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