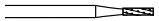
NEOBURR® Premium Carbide Chart

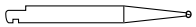
CARBIDE SHANK GUIDE



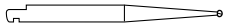
FG (Friction Grip)
Diameter 1.6 mm
Overall Length 19 mm

SS (FG Short Shank)
Diameter 1.6 mm
Overall Length 16.5 mm

FGSL (FG Surgical Length)
Diameter 1.6 mm
Overall Length 25 mm



RA (Right Angle-Latch Type)
Diameter 2.35 mm
Overall Length 22 mm



RASL (RA Surgical Length)
Diameter 2.35 mm
Overall Length 26 mm

NEOBURR Carbide Chart

NEOBURRS are grouped into four categories for different applications. Five shank types are available, FG, SS, FGSL, RA and RASL. Head diameter is measured at the head's widest part. Instruments are shown actual size.

OPERATIVE —

An extensive range of popular sizes of 6-blade burs are available in *(friction grip)* and *(right angle-latch type)* shanks.

50 of one shape per pack.

SURGICAL LENGTH —

The most popular sizes of surgical length 6-blade burs in and *new* shanks.

25 of one shape per pack.

NEOMAX® CUTTERS —

Two sizes of metal/crown cutter speciality burs in *(friction grip)* shanks. Gold-plated finish.

25 of one shape per pack.

CROWNKING PREP —

6-blade crown preparation specialty burs in *(friction grip)* shanks. Gold-plated finish.

10 or 25 of one shape per pack.

TRIMMING & FINISHING —

The most popular sizes of 12-blade *(friction grip)* burs designed for trimming, shaping and finishing all restorative materials. Gold-plated finish.

10 or 25 of one shape per pack.

FG & RA CARBIDES — OPERATIVE

50 per pack

	ROUND								INVERTED CONE						STRAIGHT FISSURE				TAPERED FISSURE		
NEOBURR# FG		FG 1/4	FG 1/2	FG 1	FG 2	FG 4	FG 6	FG 8		FG 331/2	FG 34	FG 35	FG 36	FG 37		FG 56	FG 57	FG 58		FG 169	FG 169L
NEOBURR# SS					FG 2SS	FG 4SS						FG 35SS				FG 56SS	FG 57SS				
NEOBURR# RA			RA 1/2	RA 1	RA 2	RA 4	RA 6	RA 8			RA 34	RA 35									
		1/4	1/2	1	2	4	6	8		331/2	34	35	36	37		56	57	58		169	169L
Head Dia. (mm)		0.5	0.6	0.8	1.0	1.4	1.8	2.3		0.6	0.8	1.0	1.2	1.4		0.8	1.0	1.2		0.9	0.9
Head Length (mm)		0.4	0.5	0.7	0.8	1.1	1.6	1.9		0.5	0.6	0.8	1.0	1.1		3.2	3.8	3.8		3.4	4.9

	TAPERED FISSURE		AMALGAM PREP	PEAR						STRAIGHT FISSURE CROSSCUT					TAPERED FISSURE CROSSCUT					R.E. TAPERED FISSURE	
NEOBURR# FG																					
	170	170L	245	329	330	331	331L	332		556	557	557L	558		699	700	701	702		1171	
	FG 170	FG 170L	FG 245	FG 329	FG 330	FG 331	FG 331L	FG 332		FG 556	FG 557	FG 557L	FG 558		FG 699	FG 700	FG 701	FG 702		FG 1171	
			FG 245SS		FG 330SS	FG 331SS				FG 556SS	FG 557SS										
	1.0	1.0	0.8	0.6	0.8	1.0	1.0	1.2		0.8	1.0	1.0	1.2		0.9	1.0	1.2	1.6		1.2	
	3.8	4.9	2.7	0.9	1.9	1.8	3.7	2.0		3.2	3.8	4.9	3.8		3.4	3.8	3.8	4.3		3.8	

	ROUND END FISSURE			ROUND END FISSURE CROSSCUT			
NEOBURR# FG							
	1156	1157	1158	1556	1557	1558	
	FG 1156	FG 1157	FG 1158	FG1556	FG1557	FG1558	
		FG 1157SS			FG1557SS		
	0.8	1.0	1.2	0.8	1.0	1.2	
	3.2	3.8	3.8	3.2	3.8	3.8	

FGSL & RASL CARBIDES — SURGICAL LENGTH

25 per pack

	ROUND							STRAIGHT FISSURE CROSSCUT		TAPERED FISSURE CROSSCUT		
NEOBURR# FG		FGSL 1/2	FGSL 1	FGSL 2	FGSL 4	FGSL 6	FGSL 8		FGSL 557	FGSL 558		FGSL 701	FGSL 702
NEOBURR# RA				RASL 2	RASL 4	RASL 6	RASL 8						
	1/2	1	2	4	6	8		557	558		701	702
Head Dia. (mm)		0.6	0.8	1.0	1.4	1.8	2.3		1.0	1.2		1.2	1.6
Head Length (mm)		0.5	0.7	0.8	1.1	1.6	1.9		3.8	3.8		3.8	4.3

FG CARBIDES — NEOMAX® METAL/CROWN CUTTERS

25 per pack

	METAL/CROWN CUTTERS		
NEOBURR# FG			
	GWI/1931	GW2/1958	
	MAX1	MAX2	
Head Dia. (mm)	1.0	1.2	
Head Length (mm)	1.9	4.0	

CROWNKING CROWN PREPARATION CARBIDES

FG CARBIDES — CROWNKING HI-PERFORMANCE CROWN PREPS

10 or 25 per pack

	ROUND END TAPER		FLAT END TAPER		FOOTBALL (EGG)	
NEOBURR# FG						
	856-016	856-018	847-016		379-023	
	CK 85616	CK 85618	CK 84716		CK 37923	
Head Dia. (mm)	1.6/1.2	1.8/1.5	1.6/1.2		2.3	
Head Length (mm)	8.0	8.0	8.0		4.3	

"NEOBURR Finishers perform every bit as well as those costing more than twice the price."

R. Moseley D.D.S. Paris, TX

FG CARBIDES — ESTHETIC FINISHERS

25 per pack

10 straight-blades for optimum finishing of composites

Safe-End

	EF-SERIES					EGG	BULLET		
NEOBURR# FG									
	EF3	EF4	EF6	EF9		(7379)	(7801)	OS3	
	EF3	EF4	EF6	EF9		OS1	OS2	OS3	
Head Dia. (mm)	0.8	1.0	1.4	1.4		2.3	0.9	0.7	
Head Length (mm)	3.0	4.2	6.0	9.0		4.3	3.2	3.2	

12 spiral-blades ideally suited for occlusal and lingual anatomy

FG CARBIDES — 12-BLADE TRIMMING & FINISHING

10 or 25 per pack

	ROUND	FLAME					EGG			LONG TAPER			BULLET		NEEDLE		
NEOBURR# FG					"Neumeyer"												
	7006	7104	7106	H274	H48L010	H48L012	7404	7406	7408	7642	7664	7675	7802	7803	7901	7902	7903
	7006	7104	7106	H274	H48L10	H48L12	7404	7406	7408	7642	7664	7675	7802	7803	7901	7902	7903
Head Dia. (mm)	1.8	1.4	1.8	1.6	1.0	1.2	1.4	1.8	2.3	1.0	1.5	1.6	1.0	1.2	0.9	1.0	1.2
Head Length (mm)	1.6	3.4	3.7	3.5	8.0	8.0	3.3	3.4	3.9	7.0	8.2	8.0	3.4	3.4	3.6	3.6	3.6