

NEOBURR®

The same people  
who make NEOBURR,  
also bring you NEODIAMOND,  
NEODRYS & GAZELLE.



NEODIAMOND®  
America's #1 Selling  
Diamond



NEODRYS®  
Ultimate Parotid  
Saliva Control



GAZELLE®  
Go the Distance

NEOBURR® CARBIDE CHART

Available in 5, 10, 25 or 50 pack per chart below. One shape per pack.

HEADER	PACK SIZE	CARBIDE NUMBER
BLUE HEADER	10 50	FG1/4 THRU FG1558
YELLOW HEADER	10 25	FGSL1/2 - FGSL702
PURPLE HEADER	10 25	EF3 - 7903
RED HEADER	10 25	CK85616 - CK37923
TEAL HEADER	5	EF9UF - 162
GREEN HEADER	10	HP 2 - HP 1703L
MAGENTA HEADER	10 25	MAX 1 - MAX 2

Microcopy  
800.235.1863 | P.O. Box 2017 | Kennesaw, GA 30156-9017

NEOBURR CARBIDE CHART

NEOBURRS are grouped into eight categories for different applications. Six shank types are available, FG, SS, FGSL, RA, RASL, and HP. Head diameter is measured at the head's widest part.

OPERATIVE —

An extensive range of popular sizes of 6-blade burs are available in FG and RA (right angle-latch type) shanks. 10 or 50 of one shape per pack.



FG 8

SURGICAL LENGTH — 25.0 mm

The most popular sizes of surgical length 6-blade burs in FG and RA shanks. 25 or 10 of one shape per pack.



FGSL557



Individually wrapped and highly visible through a poly packet, each carbide is identified by bur number and shape description.

NEOMAX METAL CUTTERS —

Two sizes of metal/crown cutter specialty burs in FG shanks. Gold-plated finish. 25 or 10 of one shape per pack.



MAX 2

TRIMMING & FINISHING —

The most popular sizes of 12-blade FG burs designed for trimming, shaping and finishing all restorative materials. Gold-plated finish. 25 or 10 of one shape per pack.



7901

CROWNKING CROWN PREP —

6-blade crown preparation specialty burs in FG shanks. Gold-plated finish. 25 or 10 of one shape per pack.



CK85616

30-BLADE FINISHING —

Gold-plated carbides utilize precision engineered blades to achieve vibration-free, ultra-smooth finishing. 5 of one shape per pack.



9103UF

SURGICAL — 23.0 - 28.0 mm

These 4 and 6-blade carbides are designed to cut bone, or prepare Endo Access to the pulp chamber. FG shank. 5 of one shape per pack.



152

ORAL SURGERY HP — 44.5 mm

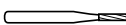
A range of 6-blade popular shapes. Fits HP handpiece (shank #1). 10 of one shape per pack.



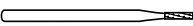
HP 1702

NEOBURR Carbide Shank Guide

Shank Diameter	FG (Friction Grip)	SS (FG Short Shank)	RA (Right Angle-Latch Type)
	1.6 mm	1.6 mm	2.35 mm
Overall Length (OAL)	19 mm	16.5 mm	22 mm



FGSL (FG Surgical Length)  
1.6 mm  
25 mm



RASL (RA Surgical Length)  
2.35 mm  
26 mm



HP (Oral Surgery Length)  
2.35 mm  
44.5 mm



SPECIALTY CARBIDES

Esthetic Finishers

The Esthetic Finishing carbides are designed in shape and size to accommodate any class of restoration requiring trimming, contouring, and finishing composite veneers. The EF Series has a **safe round-ended tip**. Trauma is reduced to the gingival and adjacent tooth structure, maintaining patient comfort.

12-Blade Trimming & Finishing

At low contact pressure the burs rotate with low vibration while generating minimal heat, due to **innovative blade geometry**. These burs are designed to contour and finish all composite, amalgam, enamel, dentin, and finish margins on crown and bridge restorations.

30-Blade, Gold-Plated Finishing Carbides

Utilize precision engineered finishing carbides to achieve an ultra-smooth finish using light working pressure. Each instrument is an ideal finishing bur prior to the use of any abrasive polishing instrument. Choose from five different shapes. Each shape is individually packaged 5 per pack.



9103UF

Oral Surgery HP Carbides

Each HP carbide has an extra-long design, made of a hardened stainless steel shank and a premium grade tungsten carbide cutting head. Offered in a range of popular shapes, each piece measures 44.5 mm long and fits into standard HP handpieces (Shank #1). NEOBURR Oral Surgery HP Carbides allow the clinician better access to hard to reach areas such as third molars, wisdom teeth, or dental implant preparations. Each shape is individually packaged 10 per pack.

CROWNKING® Hi-Performance Crown Preps

Designed for **super-fast** crown and bridge preparations. Their aggressive carbide cutting blades remove enamel efficiently with **minimum friction and heat build-up** and leaves a smooth surface.

www.NeoBurr.com



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770-425-5715

NBGM 0716

NEOBURR®

Engineered for Safety  
Single-piece construction  
of tungsten carbide for  
perfect balance and strength.

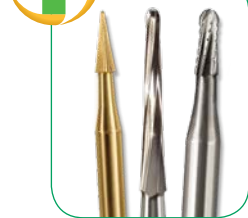


“ NEOBURR is the best  
combination of price and quality  
available on the market. ”

D. Malaret DDS, San Juan, PR

NEOBURR.COM





Sterilized—10 Year Standard  
All NEOBURRs are sold sterile for safety.

"I have found in many cases that the BLENDED NECK bur has reduced the number of broken burs and, in some cases, would not break even while sectioning a bridge."

Marty Jablow DMD,  
America's Dental  
Technology Coach

"I found the metal cutting bur NEOMAX, cuts through crowns with no chatter or vibrations."

R. Piccoli DDS,  
Franklin Lakes, NY

"Glad I found your Trimming & Finishing burs. Much less expensive than competitor's brand and lasts as long, if not longer."

K. Wolf DDS,  
Nashville, TN

## ENGINEERED FOR SAFETY

NEOBURR is the US leader in sterilized carbides for effective infection control. Single-piece construction on the most popular shapes ensures that they are concentric. This advantage, along with NEOBURR's advanced CNC geometry, minimizes vibration for reduced sub-surface tooth cracking and bur breakage. Ultra-thin gold blades for Trimming and Finishing shapes promote safer, cleaner, and smoother surfaces.

ISO 13485:2003 and CMDCAS — Certified Quality Management System

## BENEFITS

High-efficiency cutting with minimal clogging and more blade contact with the tooth.

Concentric construction offers fast, smooth, vibration free performance, maximizing handpiece life.

Highest quality fine grain structure tungsten carbide.

Break-resistant design all but eliminates chipping and breakage.

Blended neck design increases the strength of the weakest point on the bur, assuring a break-resistant carbide.

Highest-quality, single-piece tungsten carbide construction on the most popular shapes.

Finest cutting edges, optimal flute depth and spiral angulation.

## STRENGTH AND DURABILITY

### NEW Blended Neck™

Available on the 557 2™ and other selected operative shapes — provides strength and durability that dwarfs the competition. Single-piece construction coupled with the elimination of the weakest point on the bur, assures you of a break-resistant carbide for even the most demanding cases.

### Single-Piece Construction

The most popular NEOBURR shapes have additional strength with single-piece construction of tungsten carbide for unparalleled concentricity. This special design reduces breakage, chatter and bounce found in other burs.

### Brazed/Welded Joint in the Base of the Neck






















Some NEOBURR shapes have brazed/welded joint in the base of the neck as opposed to the base of the head, to minimize breakage. Head and neck are constructed from a fine grade of tungsten carbide for maximum strength. This is welded to a stainless steel shank.

















## PACK SIZE CHOICES










Operative carbides are packaged in 10 and 50 packs. Specialty shape carbides are available in 5, 10, and 25 pack size. See the NEOBURR Carbide Chart for size selections.






















## NEOBURR® CARBIDE CHART





















FG & RA CARBIDES		ROUND								INVERTED CONE						STRAIGHT FISSURE				TAPERED FISSURE				AMALGAM PREP	
OPERATIVE OAL 19.0 mm																									
<div>10 or 50 pack</div>		FG 1/4	FG 1/2	FG 1	FG 2	FG 4	FG 6	FG 8	FG 33 1/2	FG 34	FG 35	FG 36	FG 37	FG 56	FG 57	FG 58	FG 169	FG 169 L	FG 170	FG 170 L	FG 245	FG 245SS			
NEOBURR#	FG				FG 2SS	FG 4SS	FG 6	FG 8			FG 35SS	FG 36	FG 37	FG 56SS	FG 57SS										
NEOBURR#	SS																								
NEOBURR#	RA		RA 1/2	RA 1	RA 2	RA 4	RA 6	RA 8		RA 34	RA 35														
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	1.0	1.0	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	3.8	4.9	2.8				

PEAR	STRAIGHT FISSURE CROSSCUT					TAPERED FISSURE CROSSCUT					R.E. TAPERED FISSURE		ROUND END FISSURE		ROUND END FISSURE CROSSCUT		
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 701L	FG 702	FG 1171	FG 1156	FG 1157	FG 1158
FG 329SS	FG 330SS	FG 331SS	FG 331LSS	FG 332SS	FG 556SS	FG 557SS	FG 557LSS	FG 558SS	FG 699SS	FG 700SS	FG 701SS	FG 701LSS	FG 702SS	FG 1171SS	FG 1156SS	FG 1157SS	FG 1158SS
Head Dia. (mm)	0.6	0.8	1.0	1.2	0.8	1.0	1.0	1.2	0.9	1.0	1.2	1.2	1.6	1.2	0.8	1.0	1.2
Head Length (mm)	0.9	1.9	1.8	2.0	3.2	3.8	4.9	3.8	3.4	3.8	3.8	4.9	4.3	3.8	3.2	3.8	3.8

FGSL & RASL CARBIDES		ROUND						STRAIGHT FISSURE CROSSCUT			TAPERED FISSURE CROSSCUT		FG CARBIDES		METAL/CROWN CUTTERS		FG CARBIDES		ROUND END TAPER	
<b>SURGICAL LENGTH</b> OAL 25.0 mm												<b>NEOMAX METAL CUTTERS</b>				<b>CROWNING HI-PERFORMANCE CROWN PREPS</b>				
<b>25</b> or <b>10</b> pack		FGSL 1/2	FGSL 1	FGSL 2	FGSL 4	FGSL 6	FGSL 8	FGSL 557	FGSL 558	FGSL 701	FGSL 702	<b>25</b> or <b>10</b> pack		GW1/1931	GW2/1958	<b>25</b> or <b>10</b> per pack		856-016	856-018	
NeoBURR#		FG										NeoBURR#		MAX 1	MAX 2	NeoBURR#		CK 85616	CK 85618	
NeoBURR#		RA										FG				FG				
Head Dia. (mm)		0.6	0.8	1.0	1.4	1.8	2.3	1.0	1.2	1.2	1.6	Head Dia. (mm)		1.0	1.2	Head Dia./Tip Dia. (mm)		1.6/1.2	1.8/1.5	
Head Length (mm)		0.5	0.7	0.8	1.1	1.6	1.9	3.8	3.8	3.8	4.3	Head Length (mm)		1.9	4.0	Head Length (mm)		8.0	8.0	

FLAT END TAPER		FOOTBALL (EGG)		FG CARBIDES		EF-SERIES 10 Straight-Blades				EGG 12 Spiral-Blades		BULLET 12 Straight-Blades			FG CARBIDES		ROUND	FLAME				
																						
847-016		379-023		25 or 10 pack		Safe-End				(7379)		(7801)			25 or 10 pack		7006	7104				
CK84716		CK37923		NeoBURR# FG		EF3 EF4 EF6 EF9				OS1		OS2 OS3			NeoBURR# FG		7006	7104				
1.6/1.2		2.3		Head Dia. (mm)		0.8 1.0 1.4 1.4				2.3		0.9 0.7			Head Dia. (mm)		1.8	1.4				
8.0		4.3		Head Length (mm)		3.0 4.2 6.0 9.0				4.3		3.2 3.2			Head Length (mm)		1.6	3.4				

EGG			LONG TAPER			BULLET			NEEDLE			FG CARBIDES		ESTH. INTER-FINISH. PROX. TAPER		EGG	NEEDLE	FG CARBIDES		151Z		ENDO ACCESS	LINDEMANN STRGHT	CRSSCT
											<div>30-BLADE TRIMMING &amp; FINISHING</div> <div><div>5</div> pack</div> <div>NEOBURR# FG</div> <div>Head Dia. (mm)</div> <div>Head Length (mm)</div>							<div>SURGICAL</div> <div>OAL 23.0 - 28.0 mm</div> <div><div>5</div> per pack</div> <div>NEOBURR# FG</div> <div>Head Dia. (mm)</div> <div>Head Length (mm)</div>						
7404	7406	7408	7642	7664	7675	7802	7803	7901	7902	7903			EF9UF	9103UF	9214UF	9406UF	9903UF	151Z	151LZ	152	161	162		
1.4	1.8	2.3	1.0	1.5	1.6	1.0	1.2	0.9	1.0	1.2			1.4	1.2	1.0	1.8	1.2	1.6	1.6	1.6	1.6	1.6		
3.3	3.7	3.9	7.0	8.2	8.0	3.4	3.4	3.6	3.6	3.6			9.0	3.6	5.6	3.4	5.5	11.0	11.0	9.0	10.0	10.0		

*HP CARBIDES	ROUND						STRAIGHT FISSURE CROSSCUT		TAPERED FISSURE CROSSCUT		ROUND FISSURE CROSSCUT		ROUND TAPERED FISSURE CROSSCUT								
<i>*All HP carbides are significantly longer and wider than the <b>Surgical Length</b> carbides. Please refer to Carbide Shank Guide on the backside. HP OAL is 44.5 mm.</i>																					
<b>ORAL SURGERY</b> OAL 44.5 mm																					
<b>10</b> pack																					
NeoBURR#	HP																				
Head Dia. (mm)		HP 2	HP 4	HP 6	HP 8	HP 557	HP 557	HP 701	HP 701	HP 702	HP 702	HP 703	HP 703	HP 1557	HP 1557	HP 1702	HP 1702	HP 1703	HP 1703	HP 1703L	HP 1703L
Head Length (mm)		1.0	1.4	1.8	2.3	1.0	1.0	1.2	1.2	1.6	1.6	2.1	2.1	1.0	1.0	1.6	1.6	2.1	2.1	2.1	2.1
		0.8	1.1	1.6	1.9	3.8	3.8	3.8	3.8	4.3	4.3	4.8	4.8	3.8	3.8	4.4	4.4	4.9	4.9	6.9	6.9

\*All HP carbides are significantly longer and wider than the Surgical Length carbides. Please refer to Carbide Shank Guide on the backside. HP OAL is 44.5 mm.