

# Introducing Our New Premium Line of Gold Cap TNT Burs



Buffalo Dental Manufacturing Company, Inc.  
[www.buffalodental.com](http://www.buffalodental.com)



**Abbott-Robinson®  
Tungsten Carbide Burs**

High quality tungsten carbide lab burs feature rapid cutting, long life, excellent concentricity, and smooth trimming of porcelain and gold castings.

- *DIAMOND CUT* pattern is snag resistant and excellent for pulverizing hard materials
- *DUAL CUT* pattern improves chip breaking and minimizes clogging
- HP burs feature 3/32 in. (2.35 mm) shank diameters
- Lathe burs feature 1/8 in. and 1/4 in. shank diameters



84T- Tungsten Carbide

**Abbott-Robinson® TNT™  
Titanium Nitride Coated Burs**

Tough, high quality Titanium Nitride *TNT* gold coating keeps edges sharper, lasts

longer, and improves durability up to three times of standard burs.

- TNT coating acts as a lubricant to improve chip removal and provide a smoother finish

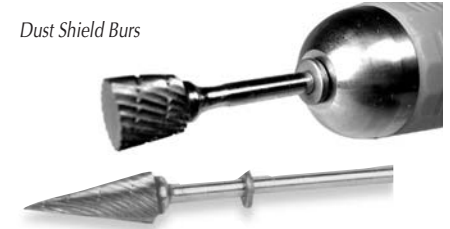


84T- With Gold Cap *TNT* Titanium Nitride Coated

**Abbott-Robinson®  
Dust Shield Burs (Patented!)**

All HP burs are also available with a permanently mounted "Dust Shield" collar on the shank. This collar is designed

to prevent dust from entering the handpiece chuck and can greatly extend the life of the handpiece. To order, add "-SH" to the end of the Item #'s of the burs you are ordering.



Dust Shield Burs

**Regrinding Service**

Buffalo Dental carbide burs remain sharp after months of continuous use. Reprocessing of dulled burs is available

including reshaping of contours and regrinding cutting edges as needed. Most burs can be reprocessed several times to like-new condition, representing

significant savings versus buying new burs. Please contact Buffalo Dental for details.

**HP Burs, DIAMOND CUT Tungsten Carbide**

(3/32 " Shank Diameters)

**Abbott-Robinson® Carbide Burs**



	B1 3/32"x5/16"	B2 D-2	B3 D-3	B4 D-4	B5 D-5	B6 D-6	B7 D-7	31P Taper Fissure	32P Fissure	33C X-Small Cylinder	71G Small Inv. Cone
<b>Coarse Cut #</b>	NA	NA	NA	NA	NA	NA	NA	18110CDM	18040CDM	18180CDM	18090CDM
<b>Regular Cut #</b>	18201	18202	18203	18204	18205	18206	18207	NA	NA	NA	NA

**Buffalo Dental Manufacturing Co., Inc.**

159 Lafayette Drive • Syosset, NY 11791-0678 USA  
Tel: (800) 828-0203 • (516) 496-7200 • Fax: (516) 496-7751 • Fax(orders): (516) 213-6610  
www.buffalodental.com

### HP Burs, DIAMOND CUT Tungsten Carbide

(3/32" Shank Diameters)

**Abbott-Robinson®**



Shape:	88A Barrel	82T Cone	83E Cylinder	52C Egg/ Oval	52R Small Egg/Oval	81A/61A Flame	73C Inverted Cone	53A Pear	52D Round	54D Small Round	84T Taper
--------	---------------	-------------	-----------------	---------------------	--------------------------	------------------	-------------------------	-------------	--------------	-----------------------	--------------

Coarse Cut #	18000CDM	18010CDM	18020CDM	18030CDM	18031CDM	18050CDM	18060CDM	18070CDM	18080CDM	18081CDM	18100CDM
Fine Cut #	18000FDM	18010FDM	NA	18030FDM	NA	18050FDM	NA	18070FDM	18080FDM	NA	18100FDM



Shape:	63B Flame	51A Small Flame	41P Small Cone	44C Small Cylinder
--------	--------------	-----------------------	----------------------	--------------------------

Coarse Cut #	18120CDM	18130CDM	18140CDM	18150CDM
Fine Cut #	18120FDM	NA	NA	NA

### HP Burs, DUAL CUT Tungsten Carbide

(3/32" Shank Diameters)

**Abbott-Robinson®**



Shape:	31P Taper	32P Fissure	33C X-Small Cylinder	71G Small Inv. Cone	88A Barrel Cone	82T Cone	83E Cylinder	52C Egg/ Oval	52R Small Oval	81A/61A Flame Egg/Oval	73C Inverted Cone
--------	--------------	----------------	----------------------------	---------------------------	-----------------------	-------------	-----------------	---------------------	----------------------	------------------------------	-------------------------

Regular Cut #	18110	18040	18180	18090	18000	18010	18020	18030	18031	18050	18060
---------------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

**Buffalo Dental Manufacturing Co., Inc.**

159 Lafayette Drive • Syosset, NY 11791-0678 USA  
 Tel: (800) 828-0203 • (516) 496-7200 • Fax: (516) 496-7751 • Fax(orders): (516) 213-6610  
[www.buffalodental.com](http://www.buffalodental.com)



### HP Burs, DUAL CUT Tungsten Carbide

(3/32" Shank Diameters)

**Abbott-Robinson®**



<b>Shape:</b>	53A Pear	52D Round	54D Small Round	84T Taper	63B Flame	51A Small Flame	41P Small Cone	44C Small Cylinder
<b>Regular Cut #</b>	18070	18080	18081	18100	18120	18130	18140	18150

### 1/8" – 1/4" Lathe Burs, DUAL CUT Tungsten Carbide

(1/8" Shank Diameters)

**Abbott-Robinson®**



<b>Shape:</b>	Round	Small Inv. Cone	Barrel	Cone	Cylinder	Egg	Flame	Inverted Cone	Pear	Taper
<b>Regular Cut</b>	18085	18095	18500	18510	18520	18530	18550	18560	18570	18600

### 1/4" Lathe Burs, Tungsten Carbide

(1/4" Shank Diameters)

**Abbott-Robinson®**



<b>DIAMOND CUT</b>				<b>DUAL CUT</b>			
<b>Shape</b>	Barrel	Cylinder	Taper	<b>Shape</b>	Barrel	Cylinder	Taper
<b>Coarse Cut #</b>	19000CDM	19010CDM	19020CDM	<b>Regular Cut #</b>	19000	19010	19020

### 3/8" Lathe Burs, DIAMOND CUT Tungsten Carbide (1/4" Shank Diameters)

**Abbott-Robinson®**



Shape	A3/8 Taper	B3/8 Cone	C3/8 Flame	D3/8 Egg	E3/8 Cylinder	F3/8 Barrel
Coarse #	19130CDM	19100CDM	19120CDM	19110CDM	19150CDM	19140CDM

### 3/8" Lathe Burs, DUAL CUT Tungsten Carbide (1/4" Shank Diameters)

**Abbott-Robinson®**



Shape	A3/8 Taper	B3/8 Cone	C3/8 Flame	D3/8 Egg	E3/8 Cylinder	F3/8 Barrel	G3/8 Ball
Regular Cut #	19130	19100	19120	19110	19150	19140	19160

### 1/2" Lathe Burs, DIAMOND CUT Tungsten Carbide (1/4" Shank Diameters)

**Abbott-Robinson®**



Shape	A1/2 Taper	B1/2 Cone	C1/2 Flame	D1/2 Egg	E1/2 Cylinder	F1/2 Barrel
Coarse Cut #	19340CDM	19300CDM	19330CDM	19320CDM	19310CDM	19350CDM



**Abbott-Robinson®**

## 1/2" Lathe Burs, DUAL CUT Tungsten Carbide

(1/4" Shank Diameters)



Shape	A1/2 Taper	B1/2 Cone	C1/2 Flame	D1/2 Egg	E1/2 Cylinder	F1/2 Barrel	G1/2 Ball
Regular Cut #	19340	19300	19330	19320	19310	19350	19360

## Burs, Jewelers Inside Ring Carbides

Cylindrical shaped burs with custom carbide cutting edges promote fast and easy finishing and universal adaptation to inside ring surfaces.



Jewelers Inside Ring Carbide

Head Diameter	Shank Diameter	Item # Fine	X-Fine	X-Coarse	Standard
1/4"	3/32"	JB1	JB2	JB3	JB4
3/8"	1/8"	JB10	JB11	JB12	JB13
1/2"	1/4"	JB20	JB21	JB22	JB23

## Burs, Miscellaneous

High quality burs for miscellaneous applications.

- Cutting and Finishing Bur utilizes hardened tool steel for fast and accurate cutting to 15,000 rpm. Bur is ideal for trimming custom trays, base plates, and tough thermoplastic sheet materials.
- Plastic & Stone Trimming Burs designed for fast and smooth trimming of stone and epoxy dies,

models, acrylics, and sheet resin materials. Burs constructed of carbide steel for long life. Popular taper shape with non-clogging flutes.

Item #	Description
18160	47 Series Bur, Cone, Fine (47-XF)
18170	47 Series Bur, Cone, Coarse (47-XC)
20000	Cutting & Finishing Bur for Thermoplastic Materials, HP
18100PS	Plaster & Stone Trimming Bur, HP
19340PS	Plaster & Stone Trimming Bur, 1/4" Lathe



Cutting & Finishing Bur



Cutting & Finishing Bur



Plaster & Stone Trimming Bur

## Burs, Nail

Durable carbide burs with extra fine cutting pattern ideal for smooth trimming and shaping acrylic nails.

- **TNT** Titanium Nitride gold coating available for extra-long instrument life

Item #	Description
NB3	Large Taper, HP Shank, Tungsten Carbide

NB4	Small Taper, HP Shank, Tungsten Carbide
NB5	Large Cylinder, HP Shank, Tungsten Carbide
NB6	Small Cylinder, HP Shank, Tungsten Carbide
NBKIT	Nail Bur Kit, (One Each NB3 - NB6)
NB3TNT	Large Taper, HP Shank, <b>TNT</b> Coating
NB4TNT	Small Taper, HP Shank, <b>TNT</b> Coating



Nail Burs

NB5TNT	Large Cylinder, HP Shank, <b>TNT</b> Coating
NB6TNT	Small Cylinder, HP Shank, <b>TNT</b> Coating



### HP Burs, DIAMOND CUT Tungsten Carbide With Gold Cap TNT Coating (3/32" Shank Diameters)

**Abbott-Robinson®**



<b>With TNT Coating</b>						
<b>Shape:</b>	B2	B3	B4	B5	B6	B7
	D-2	D-3	D-4	D-5	D-6	D-7
<b>Regular Cut #</b>	B2-GOLD	B3-GOLD	B4-GOLD	B5-GOLD	B6-GOLD	B7-GOLD

Note: NA indicates not available.

### HP Burs, DUAL CUT Tungsten Carbide With Gold Cap TNT Coating (3/32" Shank Diameters)

**Abbott-Robinson®**



<b>With TNT Coating</b>				
<b>Shape:</b>	31P	32P	33C	71G
	Taper	Fissure	X-Small	Small Inv.
	Fissure		Cylinder	Cone
<b>Regular Cut #</b>	31P-GOLD	32P-GOLD	33C-GOLD	71G-GOLD



<b>With TNT Coating</b>											
<b>Shape:</b>	88A	82T	83E	52C	81A/61A	73C	53A	52D	84T	63B	51A
	Barrel	Cone	Cylinder	Egg/Oval	Flame	Inverted Cone	Pear	Round	Taper	Flame	Small Flame
<b>Coarse Cut #</b>	NA	C-82T-GOLD	NA	C-52C-GOLD	C-81A-GOLD	NA	C-53A-GOLD	C-52D-GOLD	C-84T-GOLD	NA	NA
<b>Regular Cut #</b>	88A-GOLD	82T-GOLD	83E-GOLD	52C-GOLD	81A-GOLD	73C-GOLD	53A-GOLD	52D-GOLD	84T-GOLD	63B-GOLD	51A-GOLD
<b>Fine Cut #</b>	NA	F-82T-GOLD	NA	F-52C-GOLD	F-81A-GOLD	NA	F-53A-GOLD	F-52D-GOLD	F-84T-GOLD	NA	NA



### 3/8" Lathe Burs, DUAL CUT Tungsten Carbide With Gold Cap TNT Coating

**Abbott-Robinson®**

(1/4" Shank Diameters)



Shape

A3/8  
Taper

B3/8  
Cone

C3/8  
Flame

D3/8  
Egg

E3/8  
Cylinder

F3/8  
Barrel

Regular Cut #

A3/8-GOLD

B3/8-GOLD

C3/8-GOLD

D3/8-GOLD

E3/8-GOLD

F3/8-GOLD

### 1/2" Lathe Burs, DUAL CUT Tungsten Carbide With Gold Cap TNT Coating

**Abbott-Robinson®**

(1/4" Shank Diameters)



Shape

A1/2  
Taper

B1/2  
Cone

C1/2  
Flame

D1/2  
Egg

E1/2  
Cylinder

F1/2  
Barrel

Regular Cut

A1/2-GOLD

B1/2-GOLD

C1/2-GOLD

D1/2-GOLD

E1/2-GOLD

F1/2-GOLD

**Buffalo Dental Manufacturing Co., Inc.**

159 Lafayette Drive • Syosset, NY 11791-0678 USA

Tel: (800) 828-0203 • (516) 496-7200 • Fax: (516) 496-7751 • Fax(orders): (516) 213-6610

[www.buffalodental.com](http://www.buffalodental.com)