Introducing Our New Premium Line of Gold Cap TNT Burs
**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

**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

**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.

**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)

<table>
<thead>
<tr>
<th>Coarse Cut #</th>
<th>NA</th>
<th>NA</th>
<th>NA</th>
<th>NA</th>
<th>NA</th>
<th>NA</th>
<th>NA</th>
<th>18110CDM</th>
<th>18040CDM</th>
<th>18180CDM</th>
<th>18090CDM</th>
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<tbody>
<tr>
<td>Regular Cut #</td>
<td>18201</td>
<td>18202</td>
<td>18203</td>
<td>18204</td>
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<td>18206</td>
<td>18207</td>
<td>NA</td>
<td>NA</td>
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Buffalo Dental Manufacturing Co., Inc.
159 Lafayette Drive • Syosset, NY 11791-0678 USA
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www.buffalodental.com
HP Burs, DIAMOND CUT Tungsten Carbide
(3/32" Shank Diameters)

Shape:
- 88A Barrel
- 82T Cone
- 83E Cylinder
- 52C Egg/Oval
- 52R Small Egg/Oval
- 81A/61A Flame
- 73C Inverted Cone
- 51A 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)

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

Regular Cut #
- 18110
- 18040
- 18180
- 18090
- 18000
- 18010
- 18020
- 18030
- 18031
- 18050
- 18060
**HP Burs, DUAL CUT Tungsten Carbide**

(3/32" Shank Diameters)

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

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

(1/8" Shank Diameters)

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

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

(1/4" Shank Diameters)

<table>
<thead>
<tr>
<th>Shape:</th>
<th>Coarse Cut #</th>
<th>DIAMOND CUT</th>
<th>DUAL CUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse Cut #</td>
<td>Barrel</td>
<td>Cylinder</td>
<td>Taper</td>
</tr>
<tr>
<td></td>
<td>19000CDM</td>
<td>19010CDM</td>
<td>19020CDM</td>
</tr>
</tbody>
</table>
### 3/8" Lathe Burs, DIAMOND CUT Tungsten Carbide

(1/4" Shank Diameters)

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse #</td>
<td>19130CDM</td>
<td>19100CDM</td>
<td>19120CDM</td>
<td>19110CDM</td>
<td>19150CDM</td>
<td>19140CDM</td>
</tr>
</tbody>
</table>

### 3/8" Lathe Burs, DUAL CUT Tungsten Carbide

(1/4" Shank Diameters)

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular Cut #</td>
<td>19130</td>
<td>19100</td>
<td>19120</td>
<td>19110</td>
<td>19150</td>
<td>19140</td>
<td>19160</td>
</tr>
</tbody>
</table>

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

(1/4" Shank Diameters)

<table>
<thead>
<tr>
<th>Shape</th>
<th>A1/2 Taper</th>
<th>B1/2 Cone</th>
<th>C1/2 Flame</th>
<th>D1/2 Egg</th>
<th>E1/2 Cylinder</th>
<th>F1/2 Barrel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse Cut #</td>
<td>19340CDM</td>
<td>19300CDM</td>
<td>193130CDM</td>
<td>19320CDM</td>
<td>19310CDM</td>
<td>19350CDM</td>
</tr>
</tbody>
</table>

Abbott-Robinson®
Buffalo Dental Manufacturing Co., Inc.

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

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.

<table>
<thead>
<tr>
<th>Head Diameter</th>
<th>Shank Diameter</th>
<th>Item #</th>
<th>X-Fine</th>
<th>X-Coarse</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot;</td>
<td>3/32&quot;</td>
<td>JB1</td>
<td>JB2</td>
<td>JB3</td>
<td>JB4</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>1/8&quot;</td>
<td>JB10</td>
<td>JB11</td>
<td>JB12</td>
<td>JB13</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>1/4&quot;</td>
<td>JB20</td>
<td>JB21</td>
<td>JB22</td>
<td>JB23</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>18160</td>
<td>47 Series Bur, Cone, Fine (47-XF)</td>
</tr>
<tr>
<td>18170</td>
<td>47 Series Bur, Cone, Coarse (47-XC)</td>
</tr>
<tr>
<td>20000</td>
<td>Cutting &amp; Finishing Bur for Thermoplastic Materials, HP</td>
</tr>
<tr>
<td>18100PS</td>
<td>Plaster &amp; Stone Trimming Bur, HP</td>
</tr>
<tr>
<td>19340PS</td>
<td>Plaster &amp; Stone Trimming Bur, 1/4&quot; Lathe</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NB3</td>
<td>Large Taper, HP Shank, Tungsten Carbide</td>
</tr>
<tr>
<td>NB4</td>
<td>Small Taper, HP Shank, Tungsten Carbide</td>
</tr>
<tr>
<td>NB5</td>
<td>Large Cylinder, HP Shank, Tungsten Carbide</td>
</tr>
<tr>
<td>NB6</td>
<td>Small Cylinder, HP Shank, Tungsten Carbide</td>
</tr>
<tr>
<td>NBKIT</td>
<td>Nail Bur Kit, (One Each NB3 - NB6)</td>
</tr>
<tr>
<td>NB3TNT</td>
<td>Large Taper, HP Shank, TNT Coating</td>
</tr>
<tr>
<td>NB4TNT</td>
<td>Small Taper, HP Shank, TNT Coating</td>
</tr>
<tr>
<td>NB5TNT</td>
<td>Large Cylinder, HP Shank, TNT Coating</td>
</tr>
<tr>
<td>NB6TNT</td>
<td>Small Cylinder, HP Shank, TNT Coating</td>
</tr>
</tbody>
</table>
HP Burs, DIAMOND CUT Tungsten Carbide With Gold Cap TNT Coating

(3/32" Shank Diameters)

With TNT Coating
Shape:  
B2  B3  B4  B5  B6  B7
D-2  D-3  D-4  D-5  D-6  D-7

Regular Cut #  
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)

With TNT Coating
Shape:  
31P  32P  33C  71G
Taper Fissure X-Small Small Inv.

Regular Cut #  
31P-GOLD  32P-GOLD  33C-GOLD  71G-GOLD

With TNT Coating
Shape:  
88A  82T  83E  81A/61A  73C  53A  52D  84T  63B  51A
Barrel Cone Cylinder Egg/Oval Inverted Cone Pear Round Taper Flame Small

Coarse Cut #  
NA  C-82T-GOLD  NA  C-52C-GOLD  C-81A-GOLD  NA  C-53A-GOLD  C-52D-GOLD  C-84T-GOLD  NA  NA

Regular Cut #  
88A-GOLD  82T-GOLD  83E-GOLD  52C-GOLD  81A-GOLD  73C-GOLD  53A-GOLD  52D-GOLD  84T-GOLD  63B-GOLD  51A-GOLD

Fine Cut #  
NA  F-82T-GOLD  NA  F-52C-GOLD  F-81A-GOLD  NA  F-53A-GOLD  F-52D-GOLD  F-84T-GOLD  NA  NA

Abbott-Robinson®
### 3/8" Lathe Burs, DUAL CUT Tungsten Carbide With Gold Cap TNT Coating
(1/4" Shank Diameters)

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>Taper</td>
<td>Gold</td>
<td>Gold</td>
<td>Gold</td>
<td>Gold</td>
<td>Gold</td>
<td>Gold</td>
</tr>
<tr>
<td>Cone</td>
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<tr>
<td>Flame</td>
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<tr>
<td>Egg</td>
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<tr>
<td>Cylinder</td>
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<tr>
<td>Barrel</td>
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### 1/2" Lathe Burs, DUAL CUT Tungsten Carbide With Gold Cap TNT Coating
(1/4" Shank Diameters)

<table>
<thead>
<tr>
<th>Shape</th>
<th>A1/2</th>
<th>B1/2</th>
<th>C1/2</th>
<th>D1/2</th>
<th>E1/2</th>
<th>F1/2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taper</td>
<td>Gold</td>
<td>Gold</td>
<td>Gold</td>
<td>Gold</td>
<td>Gold</td>
<td>Gold</td>
</tr>
<tr>
<td>Cone</td>
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<tr>
<td>Flame</td>
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<td>Egg</td>
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<td>Cylinder</td>
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<tr>
<td>Barrel</td>
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