## Bridge Saw Blades

### Recommended tools

- **Ital diamante EVGRES**
  - Available in 12”-14”-16”
- **Konig DIAREX UCS**
  - Available in 14”-16”-18”
- **Dongsin KCBL+KCBL-FL**
  - Available in 14”-16”-18”
- **Terminator nanocut DK3**
  - Available in 14”-16”-18”

### What are the recommended parameters?

<table>
<thead>
<tr>
<th>Thickness of the slab</th>
<th>White</th>
<th>Rest</th>
<th>Diameter of the blade (inches)</th>
<th>14</th>
<th>16</th>
<th>18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feed speed (inches/min)</td>
<td>20 *</td>
<td>40 *</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Speed at the exit (inches/min)</td>
<td>10</td>
<td>25</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plunge speed (inches/min)</td>
<td>2-3</td>
<td>2-3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Speed cutting 45º (inches/min)</td>
<td>10 *</td>
<td>20 *</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Follow the recommendations of every manufacturer

*This feed speed is under optimal conditions of work

### Requirements of my machine

- **Cooling water flow** focused on the cutting area
- **Use large flange**
- **Support of larger dimension of the slab**
- **Sharpen frequently the diamond**
- **Well-leveled bed support**
- **Blade depth 1/8 inch to 3/16 inch on the cutting bed**

**REV.01-01/2019**
Where can I get these tools?

Italdiamant/ Koing/ Alpha
A) By the authorized dealer in your area
B) www.granquarzt.com

Terminator
A) By the authorized dealer in your area
B) www.terminatordia.com
C) www.braxton-braqg.com

Tenax
A) By the authorized dealer in your area
B) www.braxton-braqg.com

Diatex
A) By the authorized dealer in your area
B) http://usa.diatex.eu

Dongsin
A) By the authorized dealer in your area
B) www.diaflx.com/index.htm
C) www.grandquartz.com

Should I sharpen the blades?

The diamond grits on the edge of the blade tend to wear down and glaze over when you are cutting hard materials. Sharpening the blade requires making a slurry out of an abrasive material. The following dressing stones are recommended for that purpose:

- Get wet the stone
- Sharpen dry
- Low RPM

www.Braxton-Braqg.com

www.GrandQuartz.com
Tools Technical Datasheets

Adhesive

Indoors adhesives

Tenax MASTIDEK (Indoors)  
Integra SURFACE BONDER ULTRA (Indoors)  
Akemi COLORBOND

Outdoors adhesives

Tenax MASTIDEK (Outdoors)  
Integra SURFACE BONDER ULTRA (Outdoors)  
Akemi PLATINUM

What are the recommended parameters?

Drying time (minimum) **  
Initial waste (inch)  

<table>
<thead>
<tr>
<th></th>
<th>Indoors</th>
<th>Outdoors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drying time</td>
<td>30-150</td>
<td>2-4</td>
</tr>
<tr>
<td>Initial waste</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Requirements of my machine

- Apply with a gun and disposable mouthpiece
- The pieces must be previously clean and dry
- Slots in the edges to improve adhesion

Where can I get these tools?

Tenax
A) By the authorized dealer in your area  
B) Sales contact:  
(www.granquarzt.com)

Integra adhesives
A) By the authorized dealer in your area  
B) Sales contact:  
contact@integra-adhesives.com

Akemi
A) Web contact:  
www.braxton-bragg.com  
B) Web contact:  
www.granquarzt.com
Recommended Blades

- **Terminator NANOCUT DK**
  - Available in 4.5", 5", 6" and 7"
- **Weha R-MESH TURBO BLADE**
  - Available in 4.5", 5" and 7"
- **Pearl P4**
  - Available in 4", 4.5", 5", 6", 7", 10" and 14"
- **ADW SLIM**
  - Available in 4.5" and 5"
- **Cyclone MESH THIN**
  - Available in 4", 4.5", 5", 10" and 14"
- **Alpha KATANA**
  - Available in 4", 4.5" and 5"
- **Italdiamant EVOGRES**
  - Available in 5"

What are the recommended parameters?

<table>
<thead>
<tr>
<th>Diameter of the blade (inches)</th>
<th>4.5&quot;</th>
<th>5&quot;</th>
<th>7&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotation speed* (rpm)</td>
<td>11000-12000</td>
<td>11000-12000</td>
<td>11000-12000</td>
</tr>
</tbody>
</table>

*The feed speed should be adjusted according to the type of machine and the thickness of the material. Larger thickness will require reduce the feed speed

Requirements of my machine

- Water flow focused on the cutting area
- Well-leveled bed support
- Support of larger dimension of the slab
- Sharpen every 4 holes drilled
- Blade depth 1/8 inch to 3/16 inch on the cutting bed

Where can I get these tools?

- **Terminator**
  - A) By the authorized dealer in your area
  - B) www.Terminatordia.com
- **Alpha/ Cyclone/ Pearl**
  - A) By the authorized dealer in your area
  - B) www.grandquartz.com
- **Weha**
  - A) By the authorized dealer in your area

**Quality**
- High
- Medium
- Poor

**Maximum feed speed**
- Fast
- Medium
- Slow

REV01-01/2019
### Recommended tools

<table>
<thead>
<tr>
<th>Tool</th>
<th>Available Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weha WERAMIC CNC BIT</td>
<td>1&quot;, 1-1/4&quot;, 1-3/8&quot;, 1-1/2&quot;, 2&quot;, 2-1/2&quot; and 3&quot;</td>
</tr>
<tr>
<td>Cyclone Wet Core Bit</td>
<td>Available in either a T-segment style (1-1 ¾&quot;) or segmented style (2&quot; - 5&quot;)</td>
</tr>
</tbody>
</table>

#### ADW


#### Appex


#### ProSeries


#### Diamut DEKTON

- Available in 1-3/8"

### What are the recommended parameters?

**Rotation Speed (rpm)**  
4500*

*This rotation speed will depend on the manufacturer and the diameter of the tool*

The working parameters should be recommended mainly by the tools manufacturer.

### Requirements of my machine

- Sharpen every 4 holes drilled
- Well-leveled bed support
- Support of larger dimension of the slab
- Water flow focused on the cutting area

### Where can I get these tools?

**ADW**

- A) By the authorized dealer in your area
- B) www.diaflx.com/index.htm

**Terminator**

- A) By the authorized dealer in your area

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**Quality**

- High
- Medium
- Poor

**Maximum feed speed**

- Fast
- Medium
- Slow
Finger bits

Recommended bits

Italdiamant EVOGRES  
Available in one size

Terminator NANOCUT DK  
Available in 8’x12", 8’x16" and 8’x20"

Dongsin M1  
Available in one size

ADI Seg FOR DEKTON  
Available in one size

Diamut DEKTON BIT  
Available in one size

Feed Speed  
Quality

What are the recommended parameters?

<table>
<thead>
<tr>
<th>Thickness of the slab</th>
<th>8 mm</th>
<th>12 mm</th>
<th>20 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feed speed (inches/min)</td>
<td>8</td>
<td>7,5</td>
<td>7</td>
</tr>
<tr>
<td>Speed at exit (inches/min)</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

Thickets of the slab | 8mm | 12mm | 20mm |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotation speed (rpm)</td>
<td>4500</td>
<td>4500</td>
<td>4500</td>
</tr>
<tr>
<td>Rotation speed milling tool (rpm)</td>
<td>6000 - 7500*</td>
<td>6000 - 7500*</td>
<td>6000 - 7500*</td>
</tr>
</tbody>
</table>

*Follow the recommendations of every manufacturer

Requirements of my machine

- Cooling water flow focused on the cutting area
- Sharpen the tool before each real job
- Well-leveled bed support
- Support of larger dimension of the slab

Where can I get these tools?

Italdiamant / ADI
A) At www.grandquartz.com
B) By the authorized dealer in your area

Terminator
A) By the authorized dealer in your area
B) www.terminatordia.com

Dongsin
A) By the authorized dealer in your area

Quality  
- High
- Medium
- Poor

Maximum feed speed  
- 10 inch/min
- 8 inch/min
- 6 inch/min

REV.01-03/2019