Data Sheet

Product Code: **BCO**

**Description:** *Double Cone Electroplated* Diamond wire for marble and calcareous stone cutting in quarry extraction

**Dimension:** ø11mm - 10,6mm long

The **BCO** has a special Double Cone shape that increases the cutting speed up to maximum rate. It's normally produced with a UsMesh 25/30 diamond size able to increase the cutting action.

In the following table you can find all dimension:

<table>
<thead>
<tr>
<th>Version</th>
<th>Diameter</th>
<th>Total length</th>
<th>Diamond Length</th>
<th>Us Mesh diamond</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>11,0mm</td>
<td>14,0mm</td>
<td>10,6 mm</td>
<td>25/30</td>
</tr>
</tbody>
</table>

**Assembly:** The BCO diamond wire is normally assembled with **28 beads per meter**, and it adapt itself to different cutting condition. The Double Cone shape can increase the cutting speed up to **18 m²/h** on marble and calcareous materials.

**BCO** is assembled on a 4,9mm diameter steel rope with 61 wires, the statical resistant tension is 1800daN. We assemble this diamond wire with a clamper each 3 diamond beads (not each 5 beads as many competitors do). For the assembly you can follow this example.

![Diagram of the BCO diamond wire assembly](image-url)