



# Gemstone

## Drilling Specifications

### Pin Position

<p>The Buzzsaw's 12:00 pin, relative to the CG, makes this ball driller friendly for right &amp; leftand bowlers.</p> <p>12 Pin CG 9 3 6</p>	<p>Turning the pin towards 3 O'clock, relative to the CG, will increase length.</p> <p>12 Pin CG 9 3 6</p>	<p>Turning the pin towards 9 O'clock, relative to the CG, will decrease length.</p> <p>12 Pin CG 9 3 6</p>	<p>Pin and CG distance from axis</p> <p>6 3/4 3 3/8 0 10 10 Length (CG) 5 5 1 1 1 10 1 Flare (Pin) Back-end Hook (CG)</p>
--	--	--	---

### Drilling Recommendations

<p><b>Label</b> For higher tracks</p> <p>Flare 8 Back-end 7</p>	<p><b>Pro Pin High RG</b> Control for High Track</p> <p>6" Pap Flare 2 Back-end 5</p>	<p><b>Stacked</b> For Medium Revs</p> <p>4 - 5" Pap Flare 9 Back-end 9</p>	<p><b>CG Out Leverage</b> Power with Control</p> <p>3 3/8 Pap Flare 7 Back-end 8</p>
<p><b>Pin in Palm (Rico)</b> For lower tracks</p> <p>Pap Balance Hole Flare 8 Back-end 6</p>	<p><b>Axis Leverage</b> Hole on Axis</p> <p>3 - 4" Flare 6 Back-end 6</p>	<p><b>Full roller</b></p> <p>Flare 8 Back-end 8</p>	<p><b>Notes</b></p> <ol style="list-style-type: none"> <li>1. Pos. side, finger, &amp; top wt., increase length and back-end.</li> <li>2. Neg. side, thumb, &amp; bottom, decrease length and back-end.</li> <li>3. Axis holes decrease flare and back-end reaction.</li> <li>4. Pin-in balls and pin below fingers decrease length and flip.</li> <li>5. Pin-out balls and pin above fingers increase length and flip.</li> <li>6. If the ending center of gravity is on your pin, starting CG, or on the same rotational plane as those, ball reaction is enhanced.</li> </ol>