Asymmetric Core Drilling Instructions

Drilling #1 - Skid/Flip Layout

Ball Motion: Length with sharp breakpoint and aggressive backend
Lane Condition: Medium to Heavy Oil
Flare Potential: Medium
Pin Placement: Place pin at 5½” from the positive axis point (PAP)
Mass Bias: Place mass bias in the strong position
Balance Hole: If needed, place balance hole at 4” from the center of span on a line through the center of gravity.

Drilling #2 - All Purpose Layout

Ball Motion: Length with controllable breakpoint
Lane Condition: Medium Oil
Flare Potential: Medium
Pin Placement: Place pin at 5” from the positive axis point (PAP)
Mass Bias: Place mass bias near the vertical axis line
Balance Hole: If needed, place balance hole at 4” from the center of span on a line through the center of gravity.
Drilling #3 - Strong Layout

Ball Motion: Strong and controllable hook
Lane Condition: Heavy Oil
Flare Potential: High
Pin Placement: Place pin at 4” from the positive axis point (PAP)
Mass Bias: Place mass bias in the strong position
Balance Hole: If needed, place balance hole at 4” from the center of span on a line through the center of gravity.

Drilling #4 - Label Layout (Smooth Arc)

Ball Motion: Excellent length with smooth arc
Lane Condition: Medium Oil
Flare Potential: Medium
Pin Placement: Place pin at 4½” from the positive axis point (PAP)
Mass Bias: Place mass bias near the ball track
Balance Hole: If needed, place balance hole at 4” from the center of span on a line through the center of gravity.
Drilling #5 - Full-Roller Layout

Full-Roller Ball Track Only!

Ball Motion: Strong arc
Lane Condition: Medium to Heavy Oil
Flare Potential: High
Pin Placement: Place pin at 3½” from the center of the span located in 7:30 position
Mass Bias: Place mass bias in 2:30 position relative to the center of the span

For more information on Hammer Balls, Bags, and Accessories, check out Hammer’s website at www.hammerbowling.com.