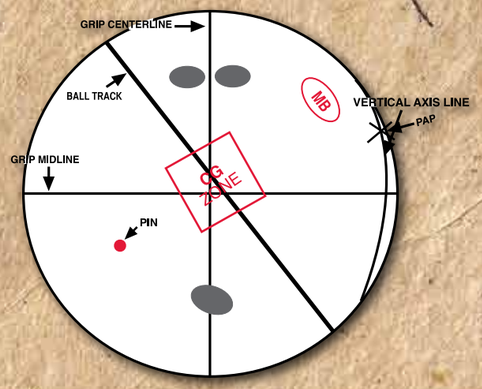
Drilling #5 - Full-Roller Layout

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.

Nothing Hits Like A Hammer.®

P.O.Box 746
Hopkinsville, KY 42241-0746
1-800-453-2158
www.hammerbowling.com

Illustrations shown are for Right-Handed Bowlers. Please reverse for Left-Handed Bowlers

Nothing Hits Like A Hammer.®

Asymmetric Core Drilling Instructions

Hammer performance bowling balls featuring asymmetric cores provide strong mid-lane and backend hook motion. But the placement of the pin and mass bias both have a very strong influence on ball performance. It is very important that the ball be drilled using the proper layout with the pin and mass bias relative to the bowler's positive axis point. Keep in mind that the placement of the center of gravity will have a relatively insignificant effect to the overall ball motion.

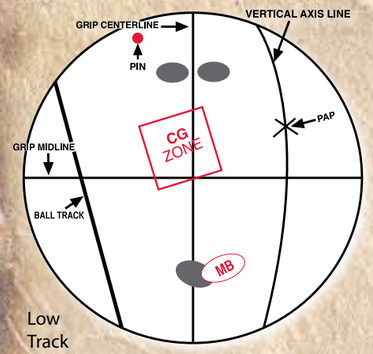
Tuning Ball Motion:
The coverstocks used on Hammer performance bowling balls will provide good length and strong backend reaction. However, it is important to keep in mind that all bowlers have different needs. Hammer coverstocks can easily be sanded with a POWERHOUSE ABRALON PAD to a rougher grit for stronger hook motion. They also can be polished with POWERHOUSE FACTORY FINISH to create more length. Changing the ball's surface can create a wide range of performance and is the easiest way to alter your ball's motion.

Ball Care:
It is imperative to maintain your new Hammer performance bowling ball by cleaning the coverstock immediately after each bowling session using bowling ball cleaning products designed for reactive balls. Hammer highly recommends POWERHOUSE ENERGIZER SPRAY CLEANER for polished balls or POWERHOUSE CLEAN N' DULL GEL for sanded finish balls. Apply either product with a micofiber towel to remove the dirt and oil from the surface of the ball, immediately after bowling.

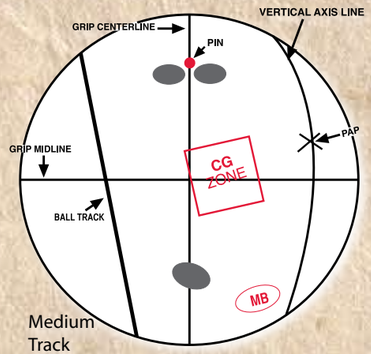
Nothing Hits Like A Hammer.®

Drilling #1 - Skid/Flip Layout

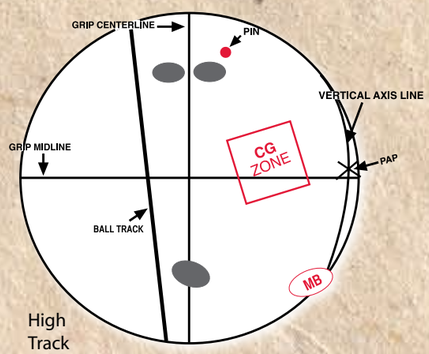
Ball Motion: Length with sharp breakpoint and aggressive backend
Lane Condition: Medium to Heavy Oil
Flare Potential: Medium
Pin Placement: Place pin at 5½" from the positive axis point (PAP)
Mass Bias: Place mass bias in the strong position
Balance Hole: If needed, place balance hole at 4" from the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



Low Track



Medium Track

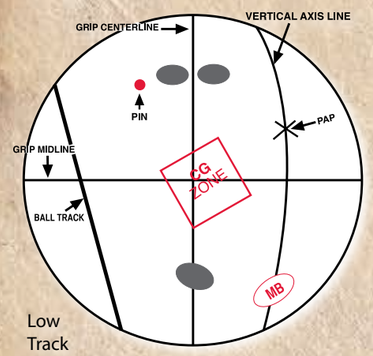


High Track

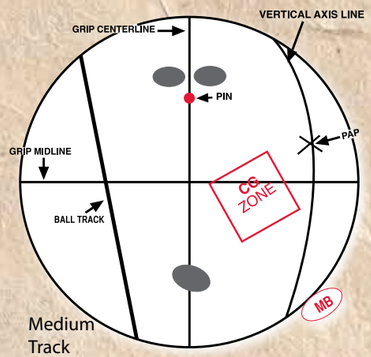
Bowlers. Please reverse for Left-Handed Bowlers

Drilling #2 - All Purpose Layout

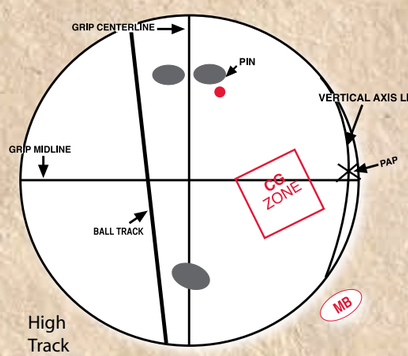
Ball Motion: Length with controllable breakpoint
Lane Condition: Medium Oil
Flare Potential: Medium
Pin Placement: Place pin at 5" from the positive axis point (PAP)
Mass Bias: Place mass bias near the vertical axis line
Balance Hole: If needed, place balance hole at 4" from the center of span on a line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



Low Track



Medium Track

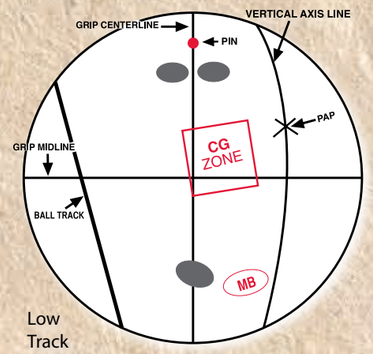


High Track

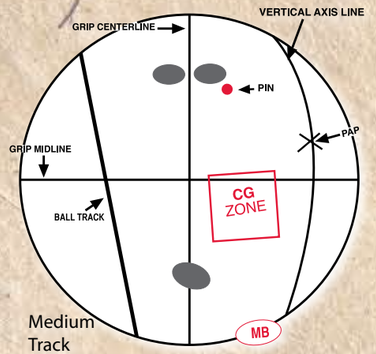
Illustrations shown are for Right-Handed Bowlers.

Drilling #3 - Strong Layout

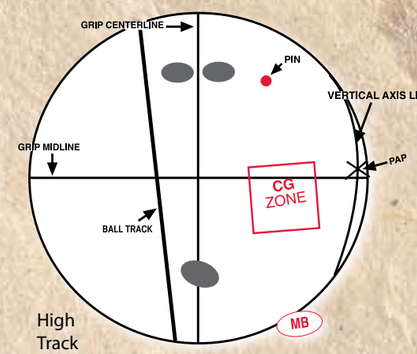
Ball Motion: Strong and controllable hook
Lane Condition: Heavy Oil
Flare Potential: High
Pin Placement: Place pin at 4" from the positive axis point (PAP)
Mass Bias: Place mass bias in the strong position
Balance Hole: If needed, place balance hole at 4" from the center of span on a line through the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



Low Track



Medium Track

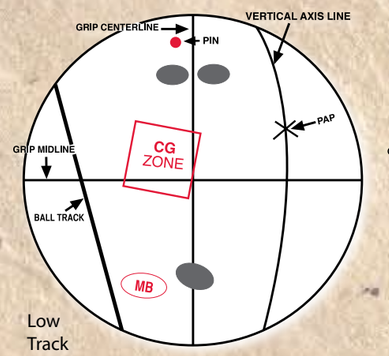


High Track

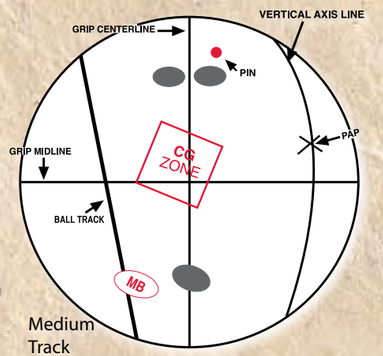
Bowlers. Please reverse for Left-Handed Bowlers

Drilling #4 - Label Layout (Smooth Arc)

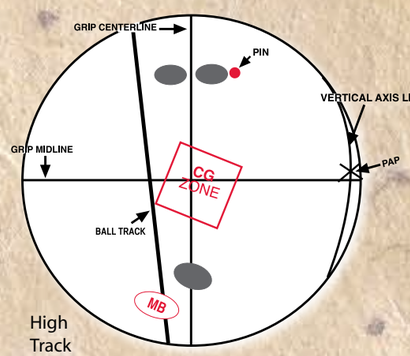
Ball Motion: Excellent length with smooth arc
Lane Condition: Medium Oil
Flare Potential: Medium
Pin Placement: Place pin at 4½" from the positive axis point (PAP)
Mass Bias: Place mass bias near the ball track
Balance Hole: If needed, place balance hole at 4" from the center of span on a line through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



Low Track



Medium Track



High Track

Illustrations shown are for Right-Handed Bowlers.