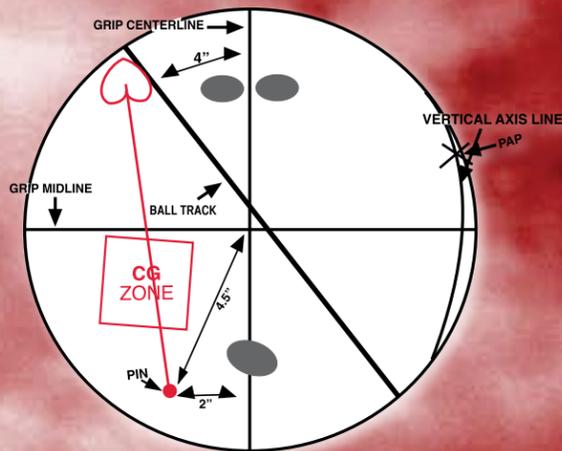


Drilling #5 - Full-Roller Layout

Full-Roller Ball Track Only!

- Ball Motion:** Strong arc
Lane Condition: Medium to Heavy Oil
Flare Potential: High
Pin Placement: Place pin at 4½" from the center of the span and 2" from the grip centerline
HART Placement: Place HART at 4" from the grip centerline
Balance Hole: If needed, place weight hole at approximately 5" from the grip center on a line connecting the grip center and center of gravity.



For information on advanced layouts, please check out the "TECH SPECS" area on www.hammerbowling.com.



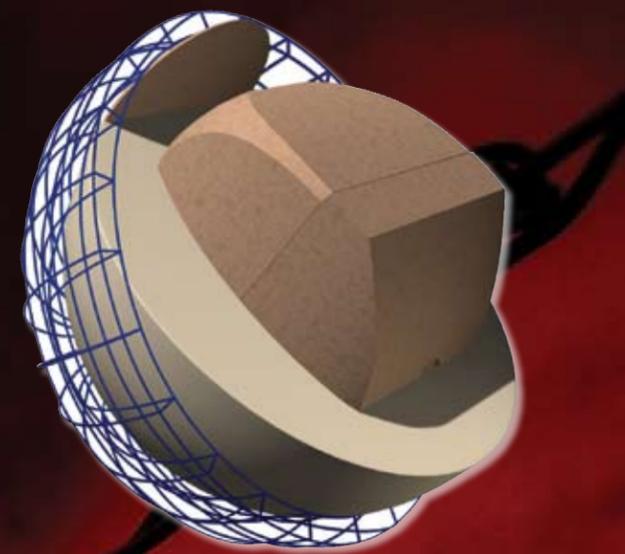
Nothing Hits Like A Hammer.®

P.O.Box 746
Hopkinsville, KY 42241-0746
1-800-453-2153
www.hammerbowling.com

**DO NO USE TRADITIONAL MASS BIAS LAYOUTS FOR
THE HAMMER NO MERCY!!!**

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

NO MERCY



No Mercy

Hammer Aggressive Reaction Technology (HART)

Hammer is very please to offer the unique Hammer Aggressive Reaction Technology (HART) core concept to the bowling industry. Developed by our team of design engineers, this radical new concept in bowling ball core design provides maximum performance without the need for exotic layouts and weight holes. It is that simple.

The HART core concept allows for strong hook motion with aggressive backend by placing the pin at 4½ - 5½" from the positive axis point and the HART in or near the ball track,

The No Mercy offers a simple approach to asymmetrical cores so you do not have to over think this one. For aggressive ball motion, drill No Mercy series balls with Drilling #1 and have a nice day.

Tuning Ball Motion:

The coverstocks used on the Hammer No Mercy series will provide aggressive hook motion. However, it is important to keep in mind that all bowlers have different needs. The No Mercy coverstock can easily be sanded to a rougher grit for stronger hook motion in oil or polished for more length, more aggressive breakpoint and less total hook. Please consult your pro shop operator for additional assistance in tuning ball motion.

Ball Care:

It is imperative to maintain your new Hammer No Mercy by cleaning the coverstock immediately after each bowling session using bowling ball cleaning products designed for reactive balls. Hammer highly recommends POWERHOUSE ENERGIZER BALL CLEANER applied with a micro-fiber towel to remove the dirt and oil from the surface of the ball.



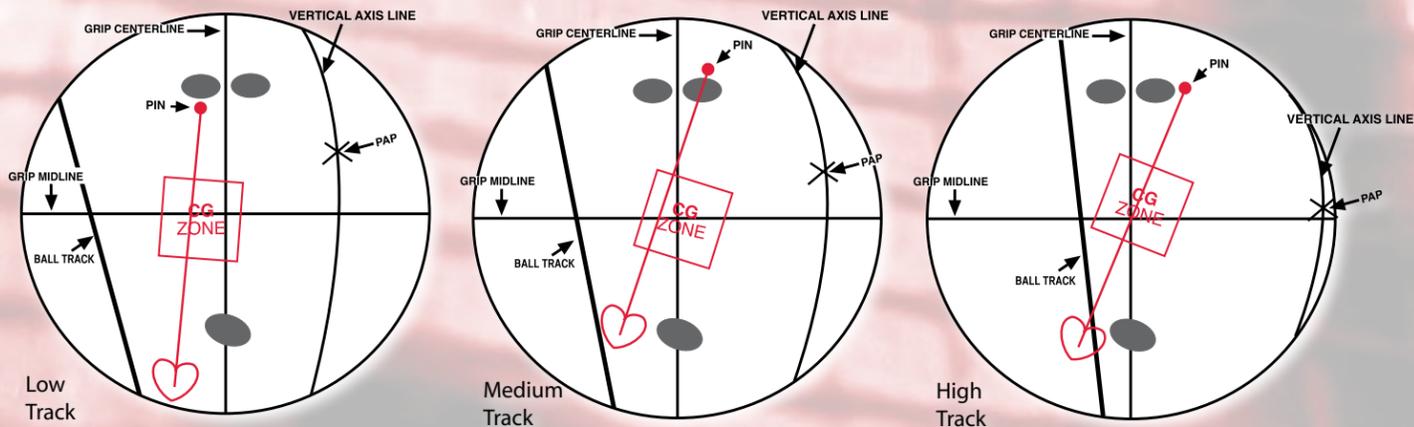
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CTNH-030

Drilling #1 - Most Aggressive

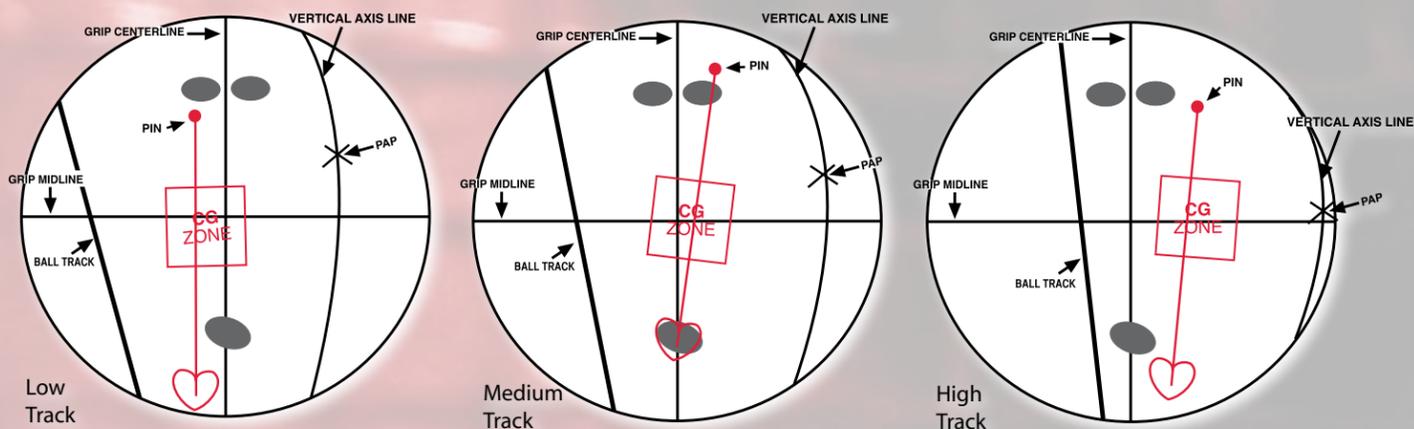
- Ball Motion:** Length with aggressive backend
- Lane Condition:** Medium to Heavy Oil
- Flare Potential:** High (5"+)
- Pin Placement:** Place pin at 4½ - 5½" from the positive axis point (PAP)
- HART Placement:** Place HART in or near the ball track keeping side weight and finger/thumb weight to less than 1 ounce

NOTE: For bowlers with higher rev rates, place the pin at 5 - 5½" from the bowler's positive axis point.
For bowlers with lower rev rates, place the pin at 3½ - 4" from the positive axis point.



Drilling #2 - Strong Arc

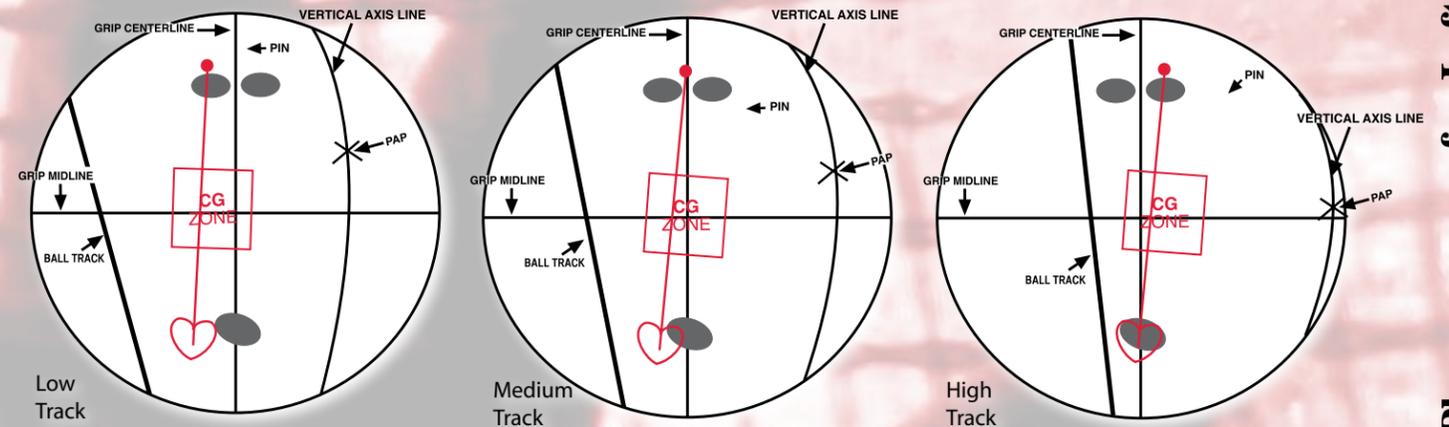
- Ball Motion:** Strong arcing hook (about 2-4 boards less than Drilling #1)
- Lane Condition:** Medium Oil
- Flare Potential:** Medium (3-5")
- Pin Placement:** Place pin at 4 - 5" from the positive axis point (PAP)
- HART Placement:** Place HART 2" right of the ball track
- Balance Hole:** If needed, place balance hole at 4" from the center of span on a line through the center of gravity.



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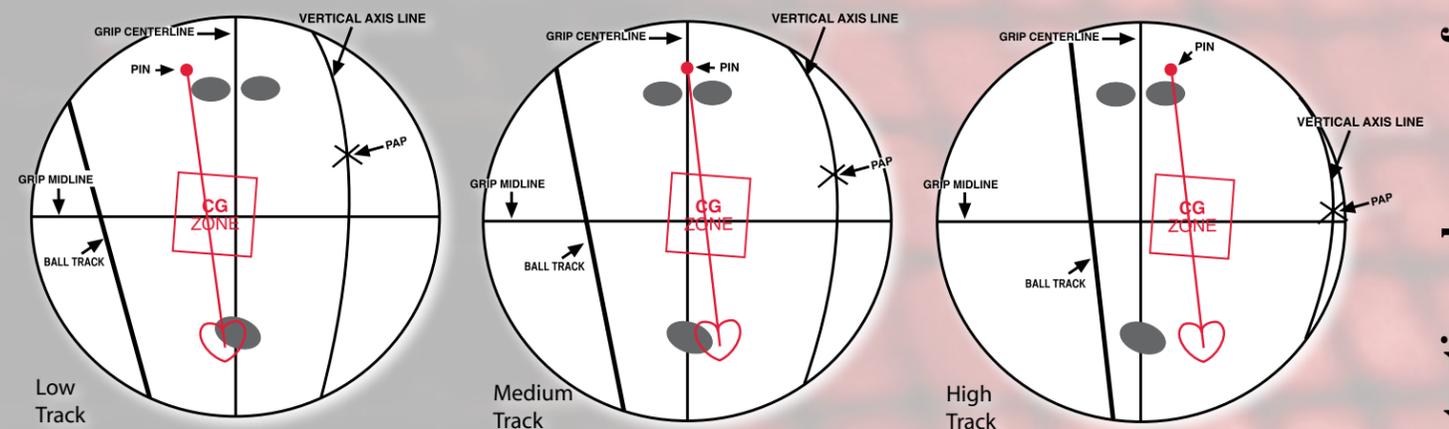
Drilling #3 - Controlled Arc

- Ball Motion:** Controlled arc (about 4-6 boards less than Drilling #1)
- Lane Condition:** Light to Medium Oil
- Flare Potential:** Medium (2-4")
- Pin Placement:** Place pin at 5 - 5½" from the positive axis point (PAP)
- HART Placement:** Place HART 1" right of the ball track keeping the side weight and finger/thumb weight to less than 1 ounce



Drilling #4 - Length with Smooth Arc

- Ball Motion:** Excellent length with smooth arc (about 6-8 boards less than Drilling #1)
- Lane Condition:** Light Oil
- Flare Potential:** Low (0-2")
- Pin Placement:** Place pin at 5 - 5½" from the positive axis point (PAP)
- HART Placement:** Place HART 3" right of 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.



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