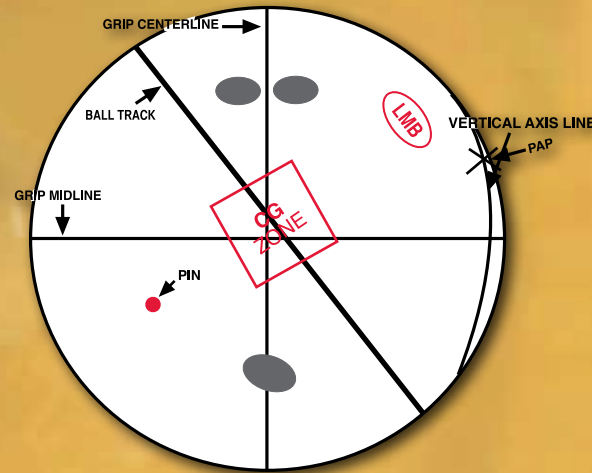


Drilling #5 - Full-Roller Layout

Full-Roller Ball Track Only!

- Ball Motion:** Strong arc
- Lane Condition:** Medium to Heavy Oil
- Flare Potential:** High
- Pin Placement:** Place pin at 3" 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 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
1-800-453-2158
www.hammerbowling.com

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



Black Widow Nasty

It's about to get NASTY. The new Hammer Black Widow Nasty is the dirtiest ball motion yet in the Widow line. Send it wide and watch this Widow wheel back without stopping! Hammer's combination of a new higher rg Widow core shape, a new Violent Wheel Reactive coverstock, and our all new Cover-puck technology is going to redefine the Widow legend.

Hammer's brand new Cover-puck technology brings this Widow back from almost anywhere! With a higher rg, and higher differential core system, this Widow pushes further down the lane but keeps it coming on the backend. Just when you think she's about to give up, the Violent Wheel Reactive cover gets this Widow Nasty going on the backend. Hammer is the first brand in bowling to use Cover-puck technology, and it pushes the Nasty to new ball motion that wasn't available with standard Widow cores. You'll see stronger down lane motion with breakpoints that are easier to control when we use the Cover-puck system.

We've also designed our new Widow core system to not only be high in differential, but also lower in mass bias, creating a more driller friendly bowling ball. While you should still use asymmetric drilling options with the Black Widow Nasty, the movement of the Low Mass Bias mark will not be as critical in previous Widow intros.

Are you ready to get NASTY?

Tuning Ball Motion:

The Violent Wheel Reactive coverstock used on the Black Widow Nasty will provide medium length with quick and continuous backend response. However, it is important to keep in mind that all bowlers have different needs. The Black Widow Nasty can easily be sanded to a rougher grit for stronger hook motion in oil, or it can be polished for more length and less total hook. When refinishing the Black Widow Nasty to restore the "out of the box" performance, make sure to sand with a 500 Abralon pad, followed by 1000 Abralon, 2000 Abralon, and 4000 Abralon pads to match the factory spec. Please consult your pro shop operator for additional assistance in tuning ball motion.

Ball Care:

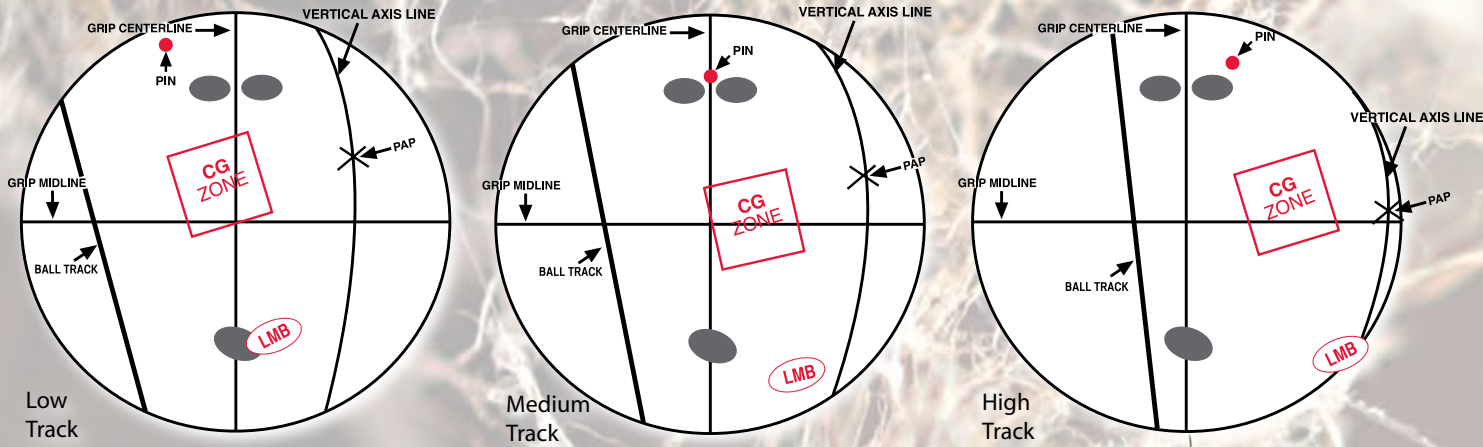
It is imperative to maintain your new Hammer Black Widow Nasty by cleaning the coverstock immediately after each bowling session using bowling ball cleaning products designed for reactive balls. Hammer highly recommends Powerhouse Clean n' Dull applied with a micro-fiber towel to remove the dirt and oil from the surface of the ball.



CTNH-034

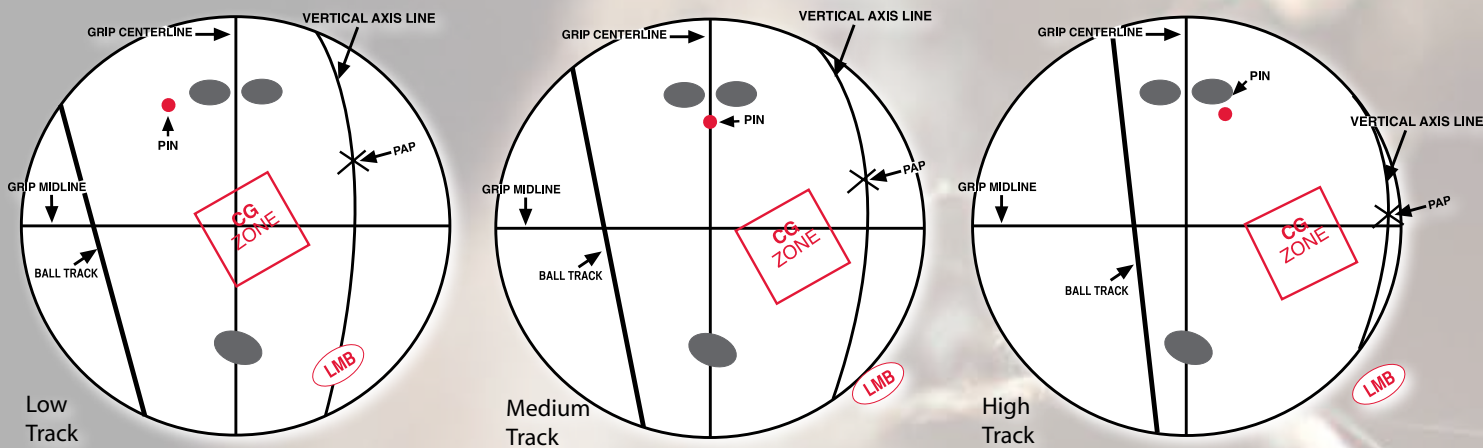
Drilling #1 - Skid/Flip Layout

- Ball Motion:** Length with sharp breakpoint and aggressive backend
- Lane Condition:** Medium to Heavy Oil
- Flare Potential:** Medium
- Pin Placement:** Place pin at 5" 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.



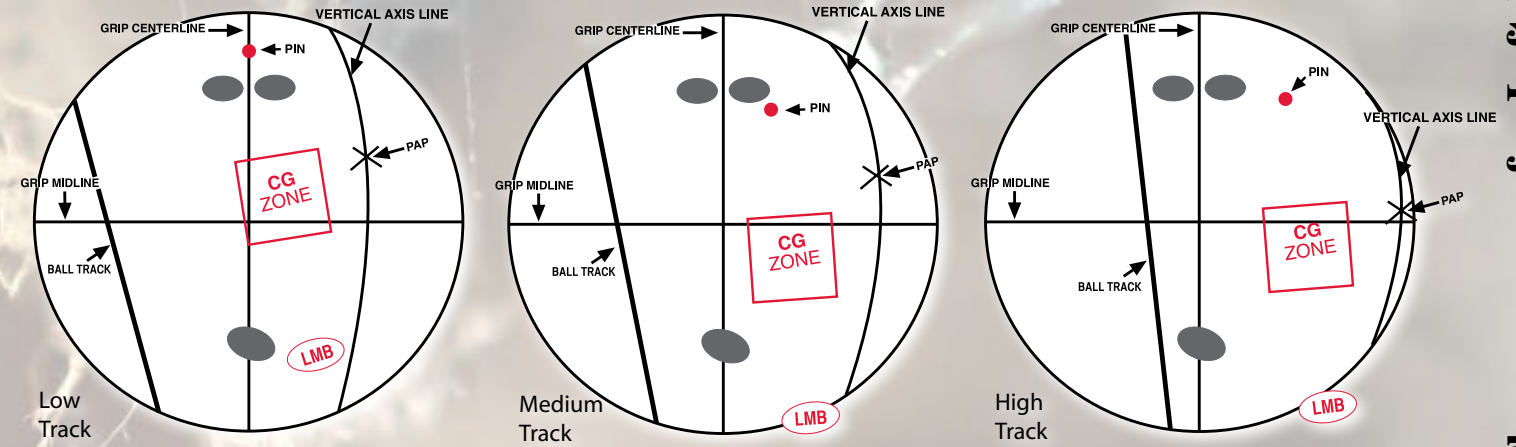
Drilling #2 - All Purpose Layout

- 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.



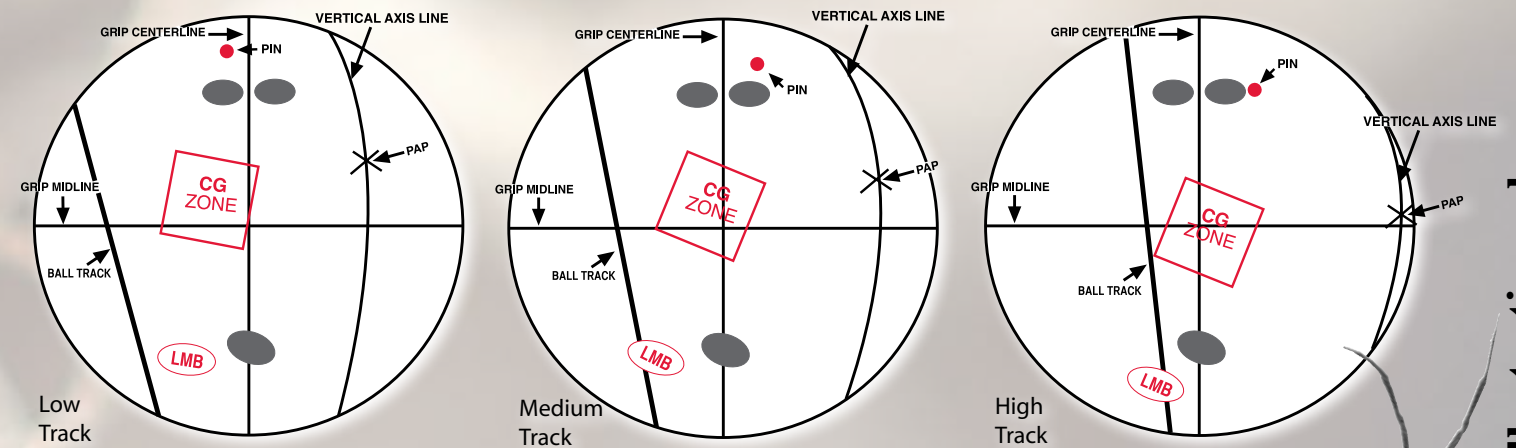
Drilling #3 - Strong Layout

- 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 4" 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.



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