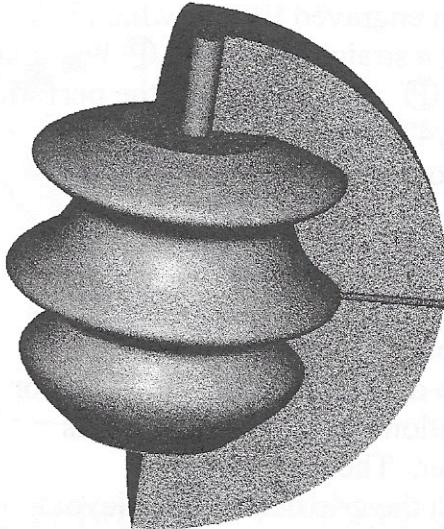


# REBEL ECX

## Technical Specifications

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### Revolution Rebel ECX

Part Number: **60-103236**

Color: **Midnight Navy**

Coverstock: **C60 Reactive**

RG Max: **2.580**

RG Intermediate: **2.564**

RG Min: **2.536**

RG Diff: **0.044**

Asymmetric Diff: **0.016**

Weights: **12 - 16 lbs.**

## Performance Characteristics

The Rebel ECX features an elliptical asymmetric weight block that is designed for versatile layouts and distinct reactions when compared to traditional symmetric cores. Rebel ECX is covered by the C60 reactive coverstock that is matched to the new elliptical core to produce outstanding results in performance and pin carry.

## Layout Techniques

Layout strategies are unique for the Rebel ECX in that a variety of reactions can be gained from the same core axis angle with different twists of the elliptical core.

Basic drilling instructions are available in this package for the REBEL RCX. Advanced instructions are available on the Revolution Bowling web site at [www.revolutionbowling.com](http://www.revolutionbowling.com)

**\*It is important to note the engraved ellipse is a drilling aid that marks the general orientation of the core inside the ball and is only approximately centered around the riser pin.**



# Revolution "ECX" (Elliptical Cross Section) Basic Drilling Instructions "Semi-Roller"

Revolution "ECX" balls come with four surface markings on the ball to aid in drilling.

Ⓟ is a solid 1/2" Riser Pin that marks the Top-Dead-Center of the core

Ⓛ is a 1/4" clear Locator Pin that marks the long axis of the "ECX" Elliptical core.

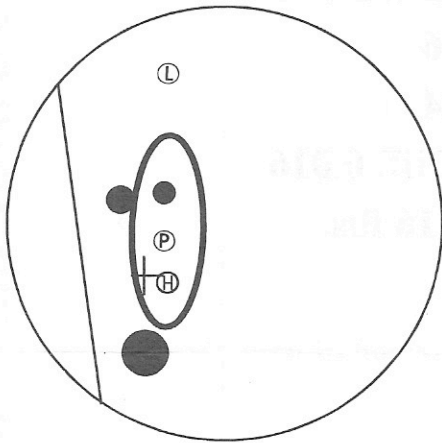
Ⓜ is a punch mark that marks the heavy spot or CG of the ball.

The shape and orientation of the "ECX" core is indicated by an engraved Ellipse which is approximately centered around Ⓟ. The Ⓛ, Ⓟ and Ⓜ will tend to lie along a straight line with Ⓟ being between

Ⓛ and Ⓜ. Ⓜ can be left or right of the line through Ⓛ and Ⓟ and not change the performance of the Rebel ECX. The Ⓛ and the Ⓟ will be approximately 6 3/4" apart.

For left handed bowlers use the mirror image of the Basic Layouts

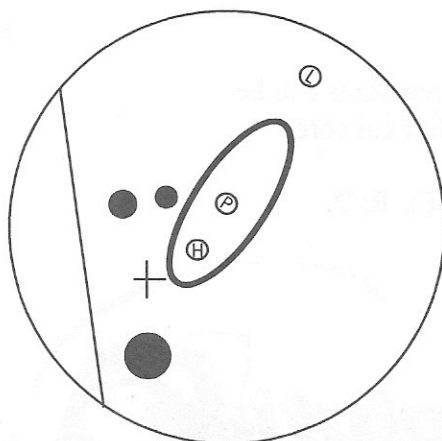
## Control Layout - Vertical Ellipse



This layout produces a moderate amount of flare and is intended for **medium to drier lane conditions** and/or players with higher revolution rates. The riser-pin is placed under the ring finger. The locator-pin is in the 12:00 direction from the grip center. This layout will flare and hook less than the Hook layout.

Balls with larger Pin-Outs should be layed out with the pin above the ring finger to avoid illegal amounts of thumb weight. **Higher Track players** should use larger Pin-Outs and place the pin above the ring finger to avoid flaring over the finger holes.

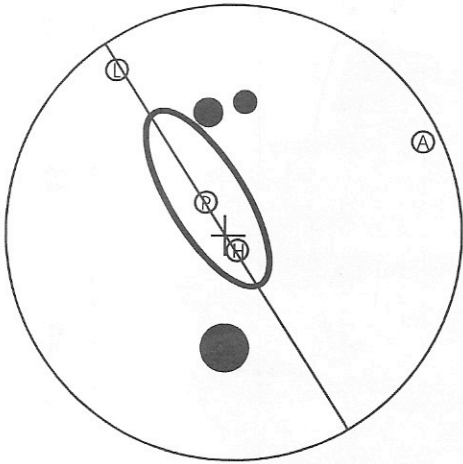
## Hook Layout - Twisted Ellipse



This layout produces a larger amount of flare, stronger mid-lane and back-end reactions and is intended for **medium to oilier lane conditions**. The riser-pin is placed right of the ring finger and the locator-pin is in the 1:30 direction from the grip center. This layout will roll earlier and hook more than the control layout.

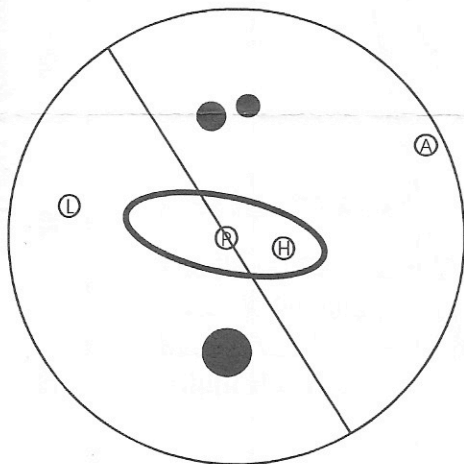
# Revolution "ECX" (Elliptical Cross Section) Basic Drilling Instructions "Full-Roller"

## Control Layout-Ellipse Aligned with Track

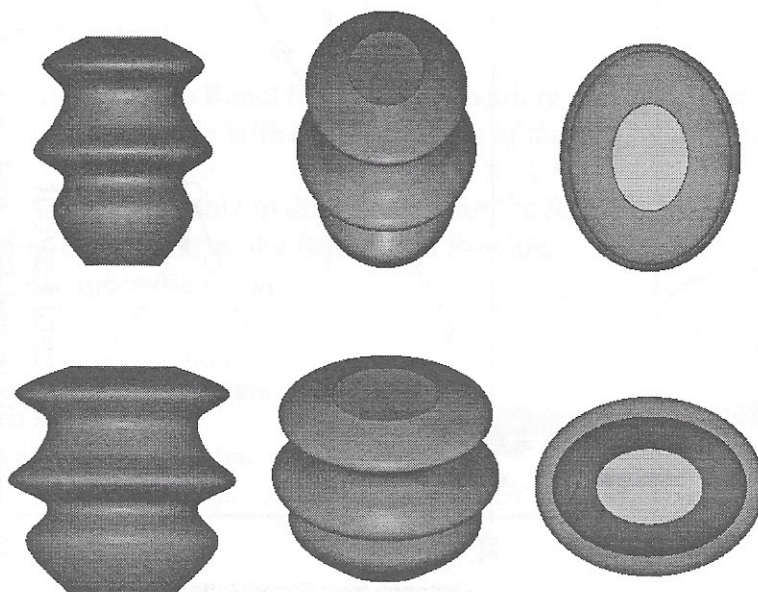


This layout produces minimal flare and is intended for **medium to dry lane conditions**. This layout places the riser-pin near the grip center. Approximately 6 3/4" inches from axis for most full rollers. The locator-pin is in the 10:30 direction from the grip center.

## Hook Layout - Ellipse 45 degrees to the Track



This layout produces a large amount of flare, stronger mid-lane and back-end reactions and is intended for **medium to oilier lane conditions**. This layout places the riser-pin near the grip center. Approximately 6 3/4" inches from axis for most full rollers. The locator-pin is in the 9:00 direction from the grip center. This layout will flare and hook more than the control layout.



# Revolution "ECX" SuperCATS Graph

