

ARMING THE PHANTOM.

Here are the four basic drilling patterns that define the reactions possible using the Phantom series. (*Layout Pattern 2 is suggested only for StealthCore I and II.*)

DRILLING LAYOUT PATTERN 1

STABLE

— Minimum Back-End Reaction

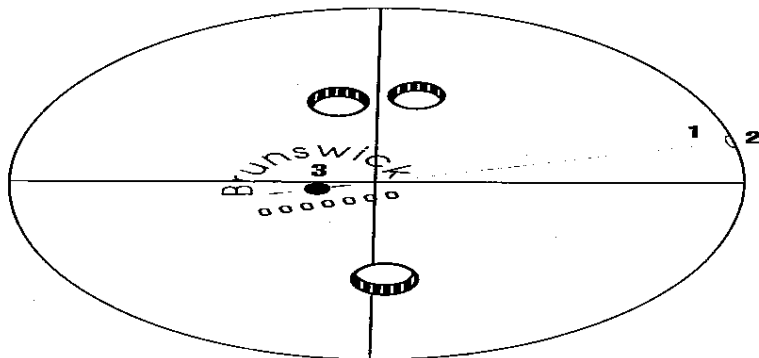
LAYOUT. In this layout the small locating pin is placed on the bowler's axis (*determined from a previous ball*), while the riser pin is positioned in the area of the center of the grip.

DRILLING. First, lock the bowler's personal axis numbers into the Phantom Commander. (*An example would be a bowler with an axis 5 3/4" to the right of the grip and 7/8" above the finger/thumb dividing line.*) Next, place the point of the small Commander attachment on the Phantom's small locating pin. This will place the bowler's axis of rotation directly on the small pin. Now roll the Commander up or down, placing the riser pin near the center of the grip. Mark the center of the grip, using the crosshairs created by the Commander and the quarter scale. And now you're ready to drill.

In this layout, the position of the riser pin is not crucial. To keep the ball within specifications for finger or thumb weight, position the riser pin near the center of the grip.

REACTION. In this drilling position each StealthCore rolls on its preferential axis. It provides a narrow track and the minimum back-end reaction of any Phantom ball design.

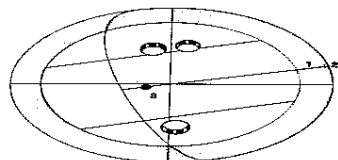
Bowlers with a low track may find this layout provides excess negative side weight. In this case a balance hole should be placed exactly opposite the small locating pin, to bring the ball within ABC specifications. Bowlers with a high track may find the entire track to be slightly larger, causing the track to clip the thumbhole as the ball rolls. In this case a balance hole should be placed exactly opposite the small locating pin, using a small bit drilled deep. Size the hole to bring the ball between 3/4 and 1 ounce of positive side weight, to keep the track off the thumbhole.



1. Bowler's Axis
2. Small Pin
3. Riser Pin (Label Area)



Cutaway view of StealthCore I and StealthCore II



Cutaway view of StealthCore III