

Fuller Roller Layouts

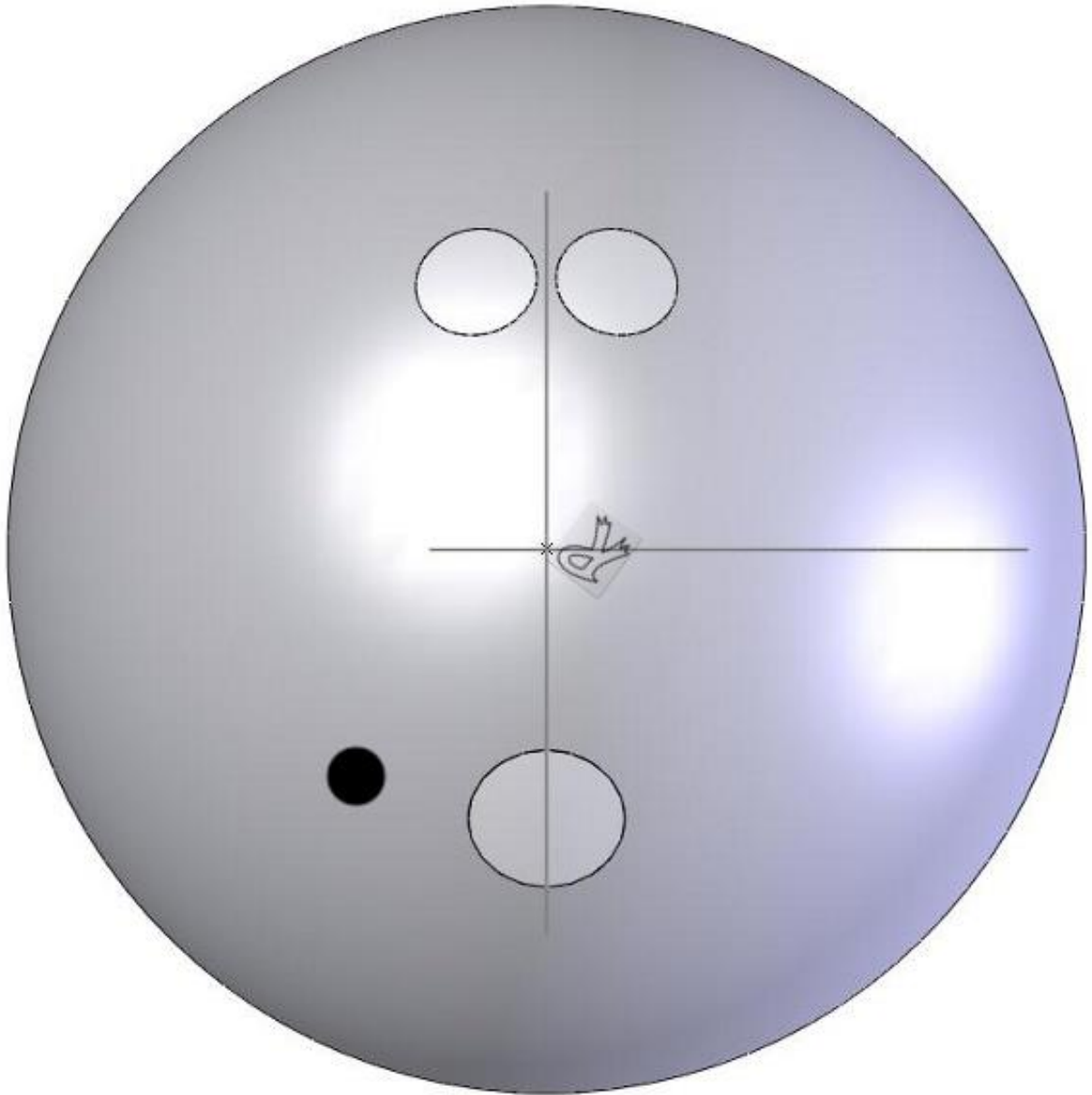
Layouts are created by the effective use of the pin out distance of the ball chosen, the pin placement, and the use of a balance hole, when needed.

Layouts shown are for right handed bowlers. Use a mirror image of the layout for left handed bowlers.

Layouts are for both symmetrical and asymmetrical balls. On asymmetrical balls, the locator pin (PSA) will be next to the ring finger.

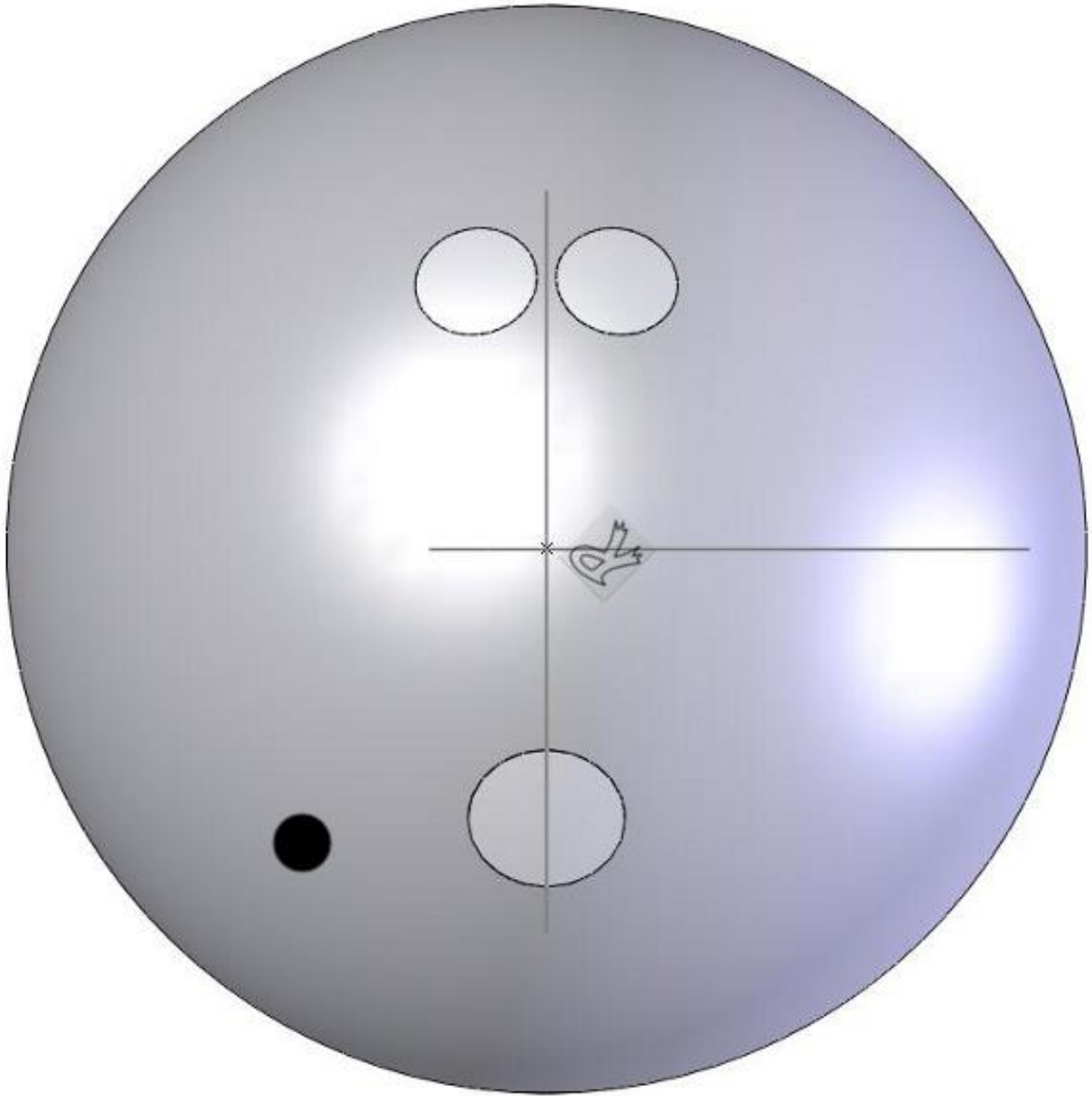
The amount of hook is mostly controlled by the flare of the drilled ball resulting from the pin placement and the use of a balance hole, when needed.

Use the surface preparation of the drilled ball to aid in controlling the amount of hook desired.



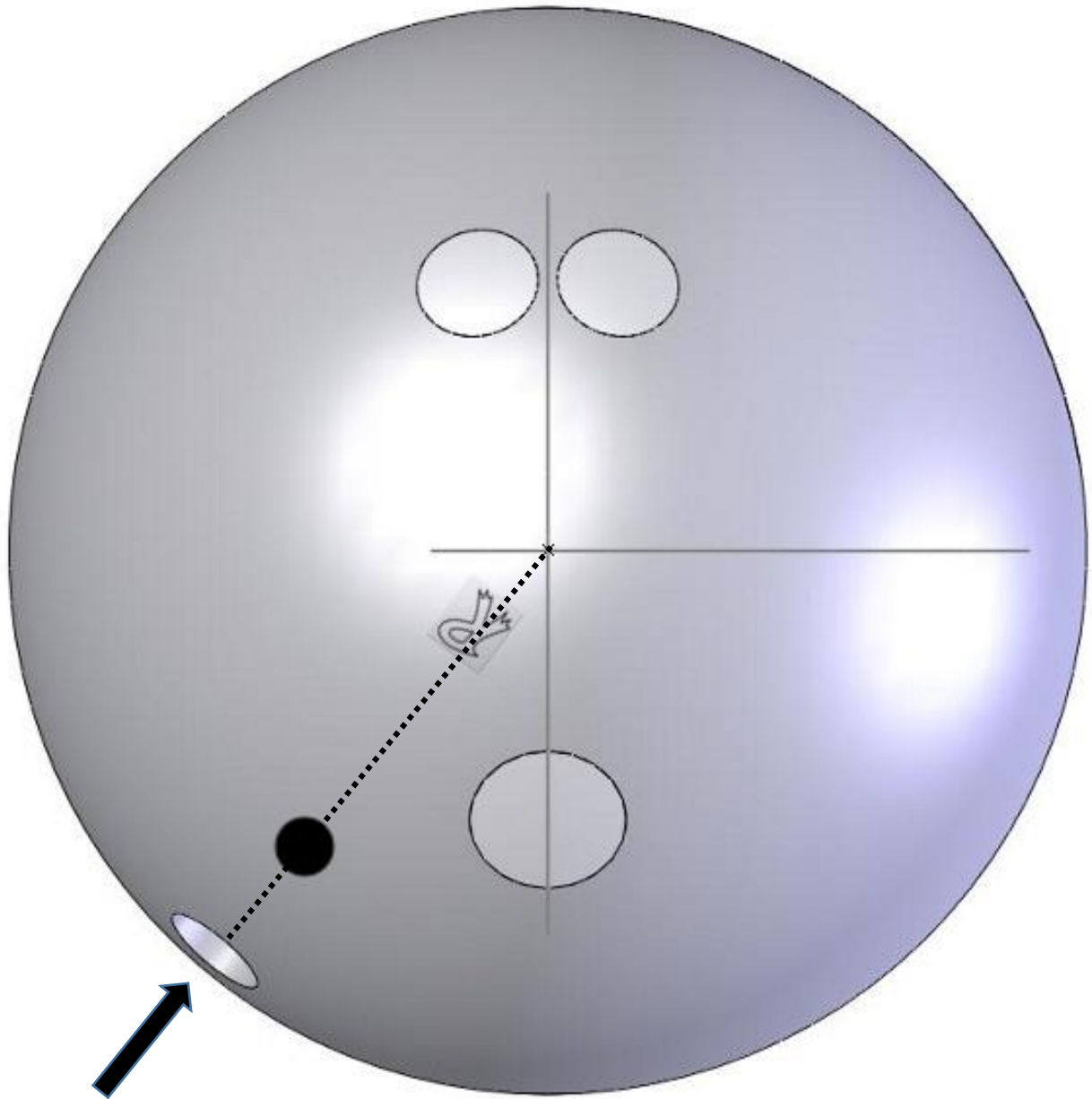
Full Roller Layout – Use ball with pin out 2-3”.

Least flaring layout. For less hook, or drier lanes



Full Roller Layout – Use ball with pin out 3-4”.

Medium flare layout. For most house conditions.



**Pin is placed $3 \frac{3}{8}$ " from the grip center.
Use balance hole $2 \frac{1}{2}$ " deep to bring the ball to $\frac{1}{2}$ positive side weight.
The balance hole will be $6 \frac{3}{4}$ " from the grip center
on a line drawn through the pin.**

Full Roller Layout – Use ball with pin out 3-4".

More flaring layout. For medium, longer patterns.

**Use balance hole 2 ½” deep to bring ball back to ½ positive side weight.
Center of balance hole is 1 ½” from edge of ring finger pitched 1.5” away
from grip centerline.**



Full Roller Layout – Use ball with pin out 4-5.5”.

**Most flaring layout.
For longer, heavier oil patterns.**