

# **Fuller Roller Layouts**

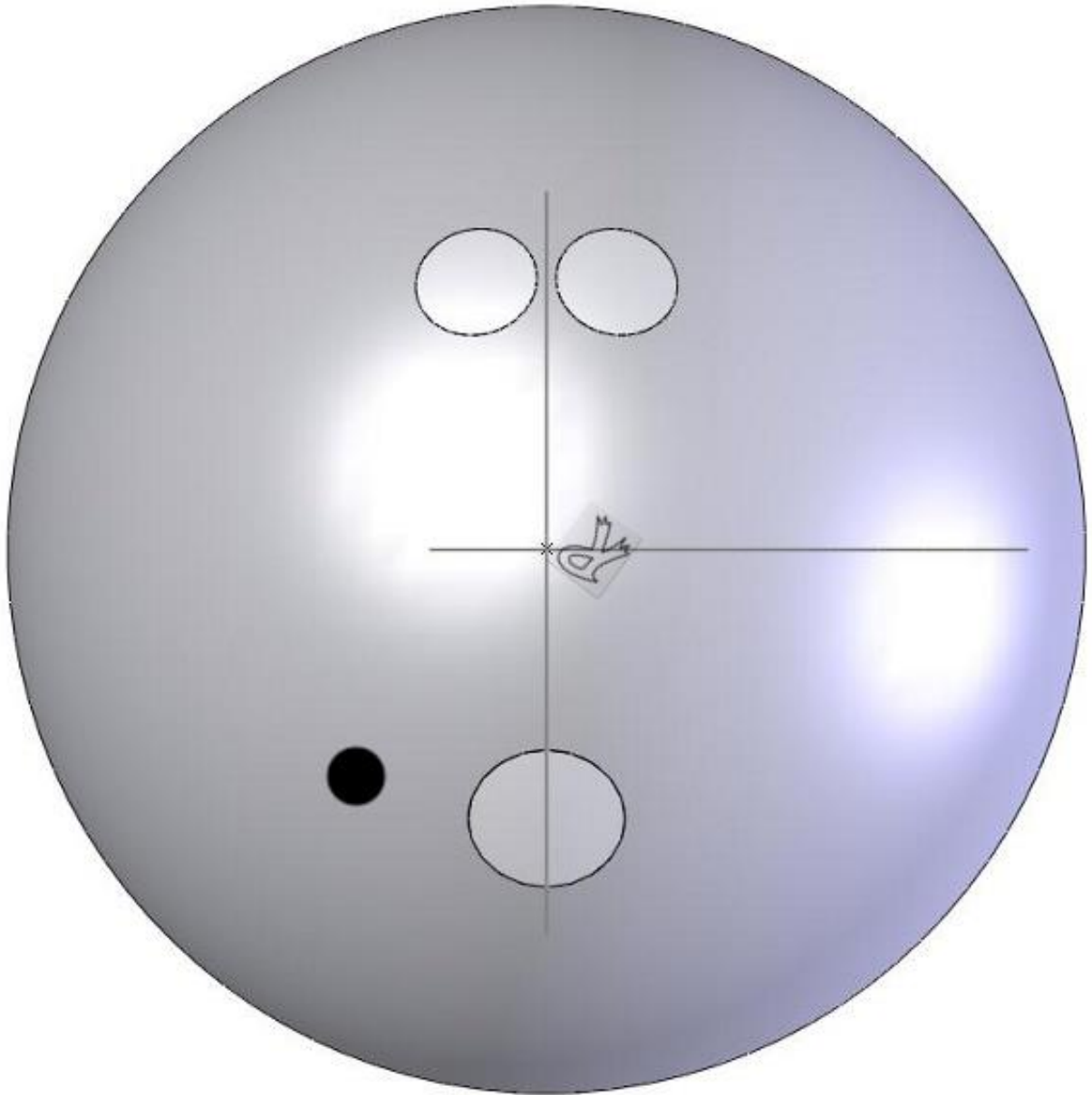
**Layouts are created by the effective use of the pin out distance of the ball chosen, the pin placement, and the use of a balance hole, when needed.**

**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.**

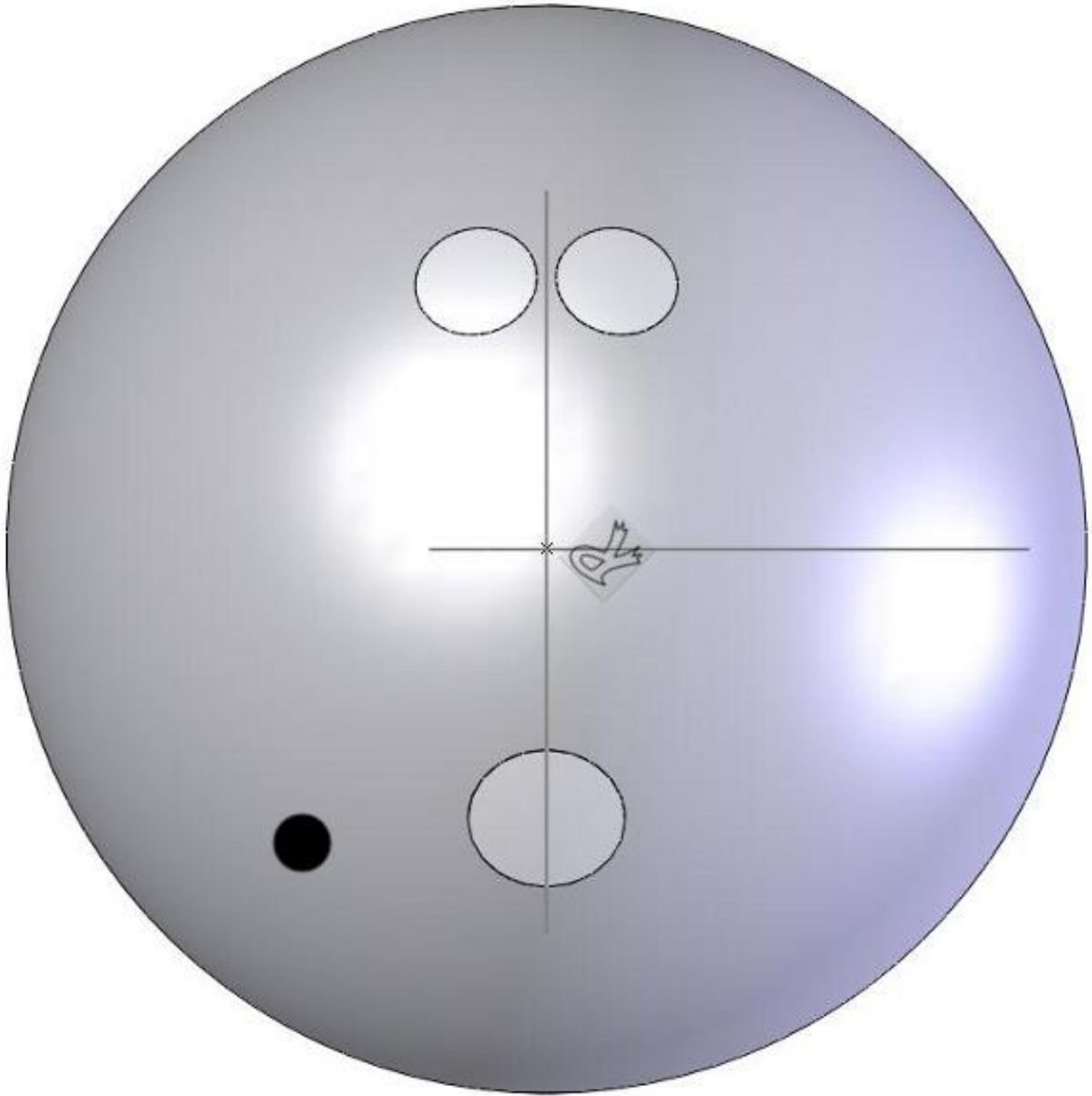
**The amount of hook is mostly controlled by the flare of the drilled ball resulting from the pin placement and the use of a balance hole, when needed.**

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



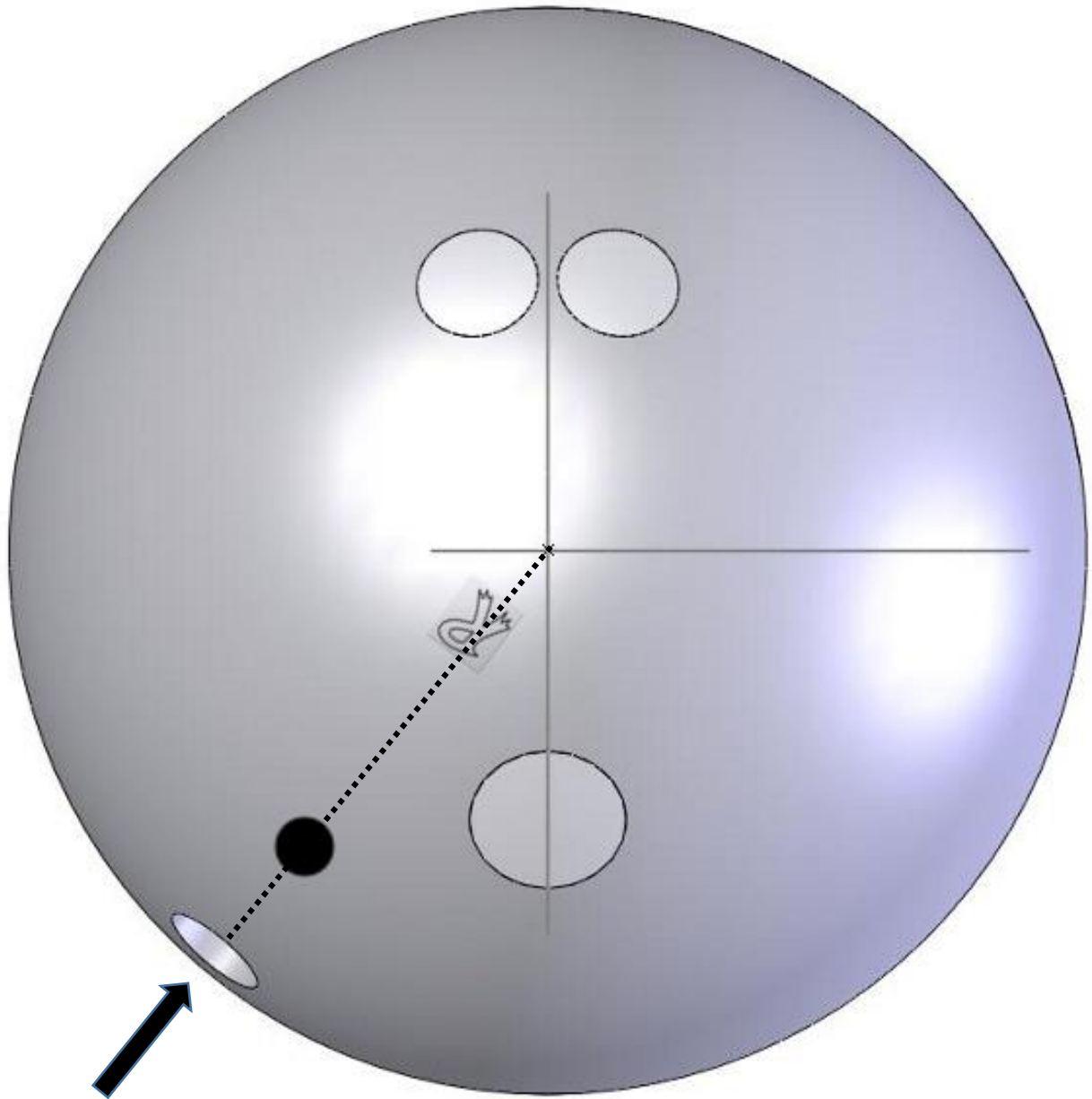
**Full Roller Layout – Use ball with pin out 2-3”.**

**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.**