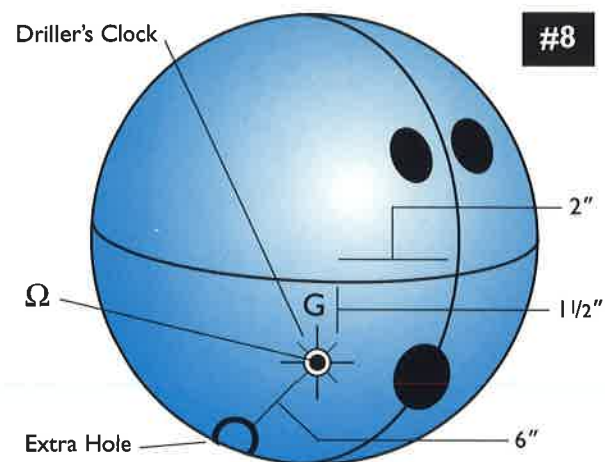


NEW DRILLING TECHNIQUES

...in addition to the original Omega drilling instructions



Rating Length – 2 Backend – 6
Stronger Leverage Reaction than #3 on original drilling sheet

LEFT HAND

Drilling #8

Place G on the Driller's Clock at 12:00 o'clock (See Diagram). Measure 1-1/2" from the center of the Driller's Clock through the letter G. From this point, draw a perpendicular line 2" right. This is the center of the span. Drill the extra hole on a line from the center of the Driller's Clock through D at 6".

Drilling #9

Place D on the Driller's Clock at 12:00 o'clock (See Diagram). Measure 3-3/8" from the center of the Driller's Clock through the letter B. From this point, draw a line the distance from the bowler's horizontal axis measurement through the letter H. This is the center of the span. Drill the extra hole on the bowler's Positive Axis Point (PAP).

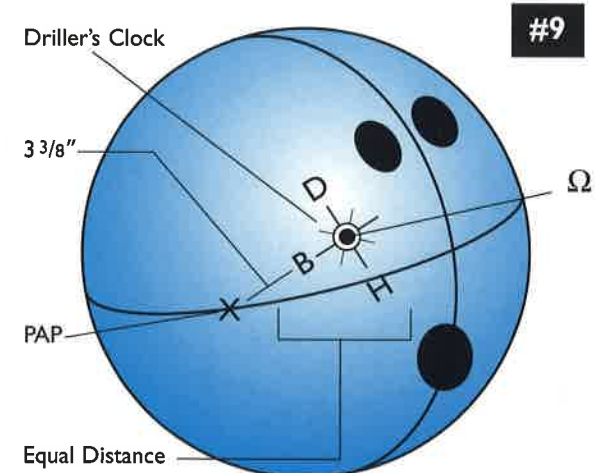
Drilling #10

Place B on the Driller's Clock at 12:00 o'clock (See Diagram). Measure 1-1/2" from the center of the Driller's Clock through the letter F. From this point, draw a perpendicular line 4" left. Reverse the bowler's horizontal axis coordinates only and find the center of the span. If an extra hole is needed to meet ABC specifications, place the hole on the bowler's PAP.

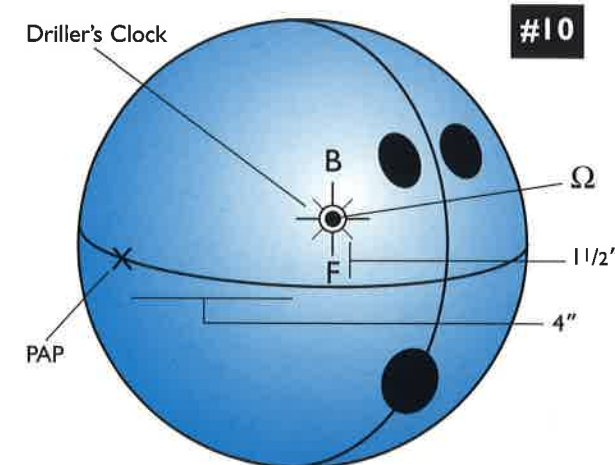
For accurate, easy drilling, following these markings:

- | | | | |
|---|---------------------------|---|------------|
| ☼ | Driller's Clock | ● | Small Pin |
| Ω | Center of Gravity | ○ | Extra Hole |
| X | Positive Axis Point (PAP) | | |

All drilling patterns can be used with Omega CG IN or CG OUT. Make sure the small locator pin is always in line with the letter B.



Rating Length – 2 Backend – 3
Axis Leverage Reaction
Leverage Reaction with Controlled Backend



Rating Length – 3 Backend – 4
Good for Wet/Dry lane conditions

RIGHT HAND

Drilling #8

Place E on the Driller's Clock at 12:00 o'clock (See Diagram). Measure 1-1/2" from the center of the Driller's Clock through the letter E. From this point, draw a perpendicular line 2" left. This is the center of the span. Drill the extra hole on a line from the center of the Driller's Clock through H at 6".

Drilling #9

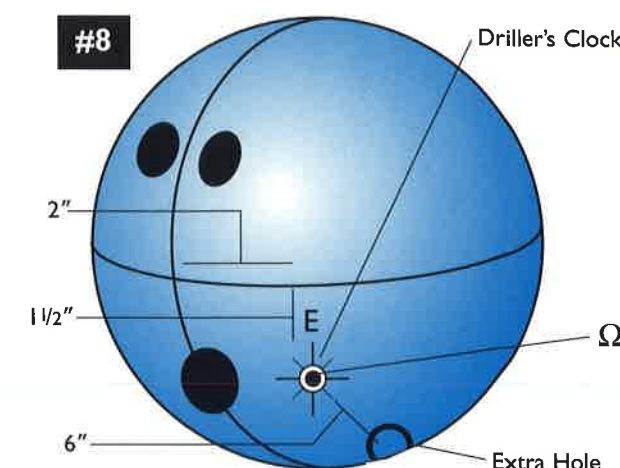
Place H on the Driller's Clock at 12:00 o'clock (See Diagram). Measure 3-3/8" from the center of the Driller's Clock through the letter B. From this point, draw a line the distance from the bowler's horizontal axis measurement through the letter D. This is the center of the span. Drill the extra hole on the bowler's Position Axis Point (PAP).

Drilling #10

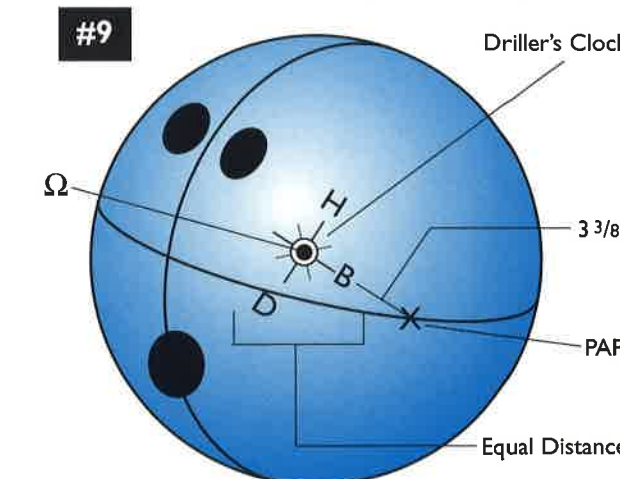
Place B on the Driller's Clock at 12:00 o'clock (See Diagram). Measure 1-1/2" from the center of the Driller's Clock through the letter F. From this point, draw a perpendicular line 4" right. Reverse the bowler's horizontal axis coordinates only and find the center of the span. If an extra hole is needed to meet ABC specifications, place the hole on the bowler's PAP.

Ball Rating System: Defining Hook in two (2) components.

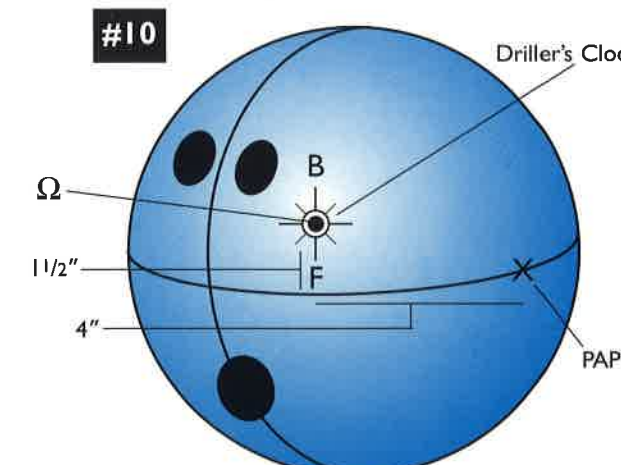
- | | |
|----------|--|
| (1) | Length to Breakpoint |
| (2) | Degree of Backend Reaction |
| Ratings: | |
| (1) | Length (L) — 1 being earliest hook point to 5 being the latest hook point. |
| (2) | Backend (B) — 1 being least amount of hook to 5 being the most hook potential. |



Rating Length – 2 Backend – 6
Stronger Leverage Reaction than #3 on original drilling sheet



Rating Length – 2 Backend – 3
Axis Leverage Reaction
Leverage Reaction with Controlled Backend



Rating Length – 3 Backend – 4
Good for Wet/Dry lane conditions