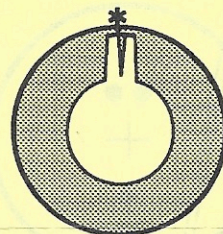


CHAMPIONS™

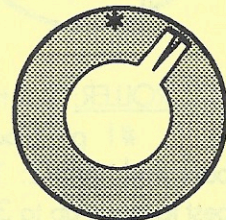
BOWLING PRODUCTS, CORP.

ULTIMATE WEAPON DRILLING SUGGESTIONS

The Ultimate Weapon is a two piece constructed Bowling Ball. Therefore, it is more important to be concerned with the placement of the PIN than with scale weights. IE: A ball drilled over the label with zero weights and the pin in the center of the grip will have very little reaction on the back end.



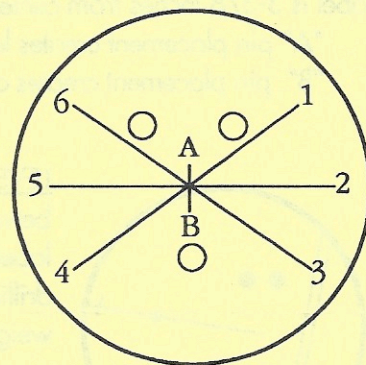
If the ball is drilled over the label with zero weights and the pin is 2 inches in the finger and positive quadrant, the ball will react stronger on the back end.



To get the proper reaction, it is important to put the pin in the proper place according to the players track. (Note: The use of side, negative side and/or thumb weight could enhance ball reaction.)

If a pin is not where you want it, shift the label until the desired pin placement is achieved. Some label shifts may require the use of a correction hole to bring the ball back to meet ABC specifications.

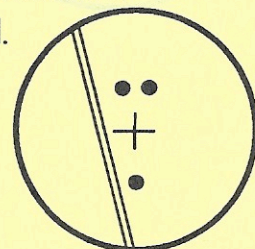
USE THE ILLUSTRATION TO THE RIGHT TO DETERMINE PIN PLACEMENT FOR DESIRED REACTION BASED ON THE BOWLER'S TRACK. AS REFERENCE, DRILLING IS OVER THE LABEL WITH THE PIN APPROXIMATELY 2 INCHES FROM THE CENTER OF THE GRIP. PIN MOVEMENT CLOSER TO THE TRACK WILL RESULT IN A LESS REACTIVE BALL ON THE BACK END. THE FARTHER AWAY FROM THE TRACK, UP TO 3 INCHES, THE MORE REACTIVE THE BALL ON THE BACK END.



3/4 ROLL: Ball track is approximately 1 - 1/2 inches from finger and 3/4 inches or closer to the thumb.

- #1 pin placement (#6 left hand) creates length down the lane with snap on the back end.
- #2 pin placement (#5 left hand) creates a more even roll and smoother arc on the back end.
- #3 pin placement (#4 left hand) creates an early roll with little or no back end reaction.

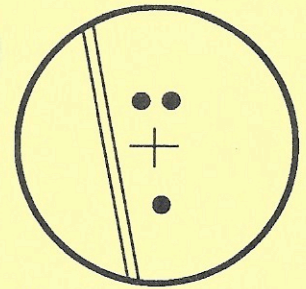
NOTE: It is important to keep top weight 1 ounce or more to prevent track from moving to close to or over the thumb.



HIGH 3/4 TRACK: Ball track is 1 inch or closer to both finger and thumb.

#1 pin placement (#6 left hand) creates length down the lane with a heavy back end reaction.

#2 pin placement (#5 left hand) creates a more even arc with smoother back end reaction. NOTE: To prevent track from rising over the finger or thumb leave 1 ounce or more of top weight after drilling.



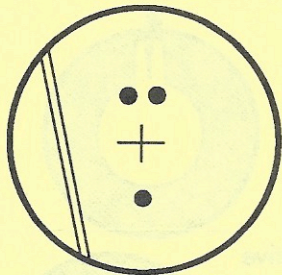
SPINNER: Ball track is 2 inches or more away from the finger and thumb.

#2 pin placement (#5 left hand) creates length down the lane with strong movement on the back end.

#3 pin placement (#4 left hand) creates a smooth arc in the back end.

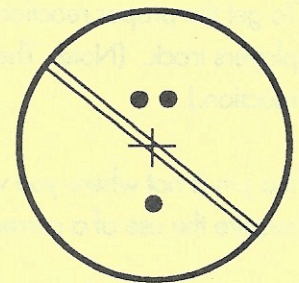
#4 pin placement (#3 left hand) creates early roll with little back end reaction.

NOTE: When drilling the spinner, keep top weight less than 1/2 ounce or use bottom weight



FULL ROLLER: Ball track is between finger and thumb.

#1 pin placement (#6 left hand) creates length down the lane with arc at the back end. NOTE: This is the only recommended drilling for the Full Roller. It is best to leave up to 3 ounces of top weight after drilling.

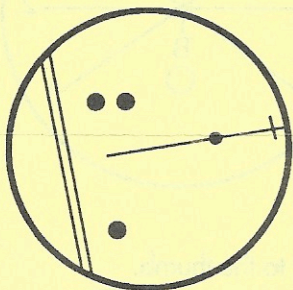


LEVERAGE WEIGHT: Recommended for the High 3/4, 3/4, and Spinner track. Pin should be no more than 1-1/2 inches away from the center of the label and center of label is 3-3/8 inches from center of positive axis point.

"A" pin placement creates length down the lane and very heavy reaction on the back end.

"B" pin placement creates a more even roll with heavy reaction on the back end.

LEVERAGE AXIS: Recommended for the High 3/4, 3/4, and Spinner track. Pin is between the center of the grip and the axis point and is 2-1/2 to 4 inches from the label. Creates a very even arc with little reaction on the back end. NOTE: When drilling leverage or leverage axis weight, it is recommended to drill with positive side weight and then adjust the ball to zero side weight as needed.



THESE ARE SUGGESTED DRILLING METHODS FOR YOUR ULTIMATE WEAPON.
ALWAYS CONSULT A PROFESSIONAL BALL DRILLER FOR BEST PERSONAL RESULTS.

CHAMPIONS BOWLING PRODUCTS, CORP.

8758 Landmark Road

Richmond, Virginia 23228