STRONG OVERALL HOOK

Recommended Lane Condition: Heavy Oil
Pin Placement: Place pin 3 1/2” to PAP
Mass Bias Placement: Place MB 2” inside of VAL
Balance Hole: If needed, place a balance hole at 4” from the Center of grip on a line through the CG.

LATE ANGULAR

Recommended Lane Condition: Medium to Heavy Oil
Pin Placement: Place pin 5” to PAP
Mass Bias Placement: Place MB 3” inside of VAL
Balance Hole: If needed, place a balance hole at 4” from the Center of grip on a line through the CG.

Illustrations shown are for right handed bowlers. Please reverse for left handed bowlers.
**LATE CONTINUOUS**

Recommended Lane Condition: **Medium Oil Patterns**

**Pin Placement:** Place pin 5 - 5 1/2" to PAP

**Mass Bias Placement:** Place MB 2 1/2" inside of VAL

**Balance Hole:** If needed, place a balance hole at 4" from the Center of grip on a line through the CG.

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**MAX CONTROL**

Recommended Lane Condition: **Short Oil Patterns**

**Pin Placement:** Place pin 1 1/2 - 2" from PAP

**Mass Bias Placement:** Place MB near the track area

**Balance Hole:** If needed, place a balance hole at 4" from the Center of grip on a line through the CG.

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**FULL ROLLER LAYOUT**

Recommended Lane Condition: **Medium to Heavy Oil**

**Pin Placement:** Place pin 3 3/8" from the center of grip in a 7:30 position, as shown.

**Mass Bias Placement:** Place MB 3 3/8" from the center of grip in a 1:30 position, as shown.

**Balance Hole:** This layout shouldn’t require a balance hole.