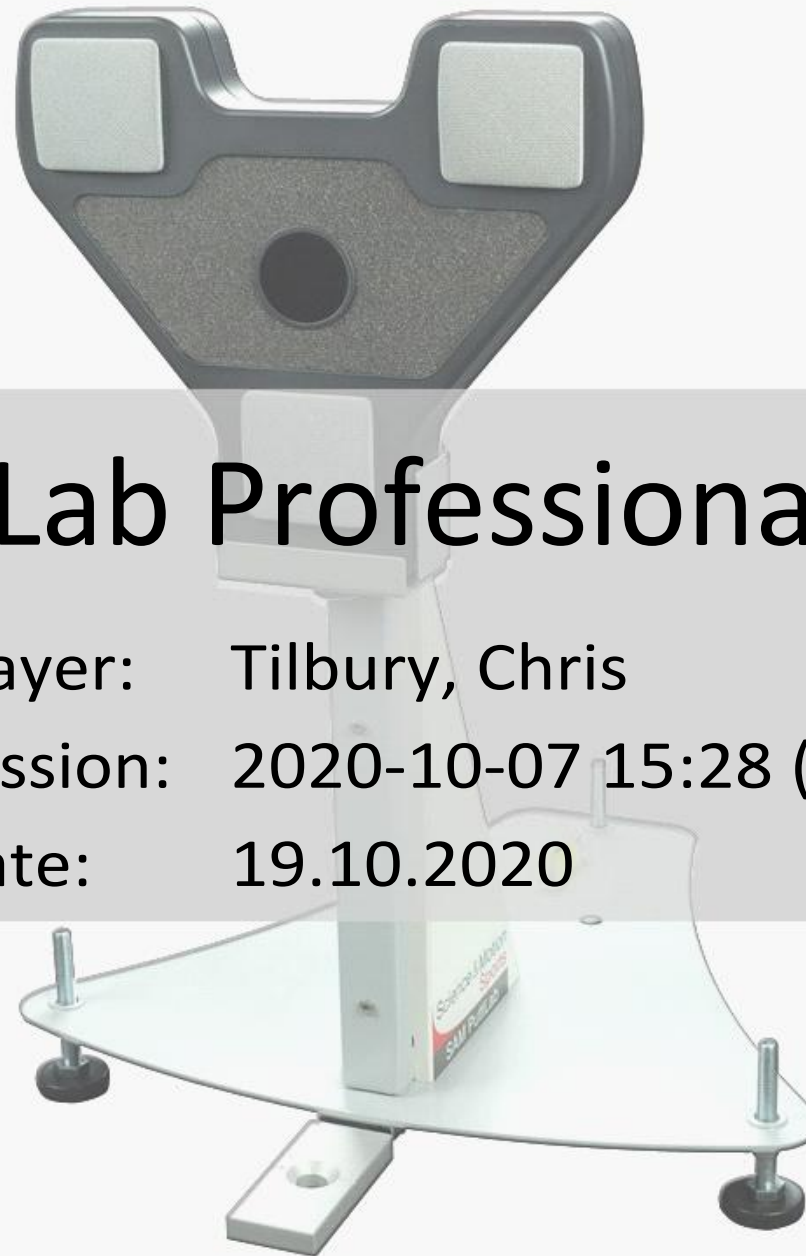


SAM PuttLab
...the reference in
putt training



SAM PuttLab Professional Report

Player: Tilbury, Chris
Session: 2020-10-07 15:28 (M)
Date: 19.10.2020



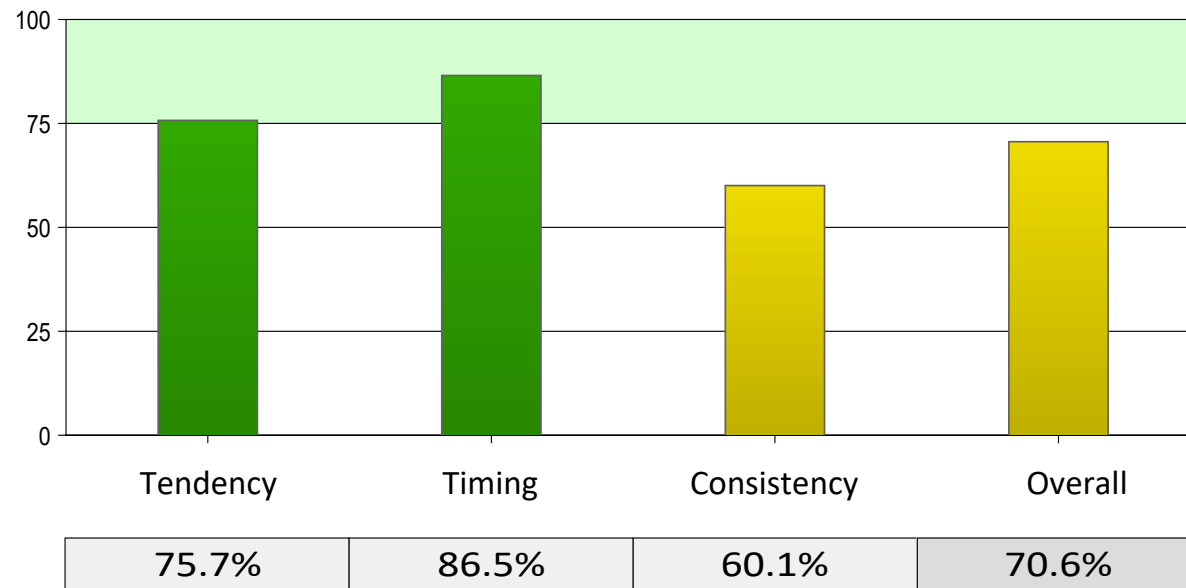
info@scienceandmotion.com
www.scienceandmotion.com
#SAMPuttLab

Player: Tilbury, Chris
Session: 2020-10-07 15:28 (M)

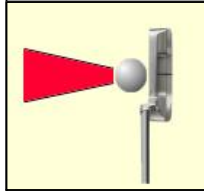
Aim

Data Summary

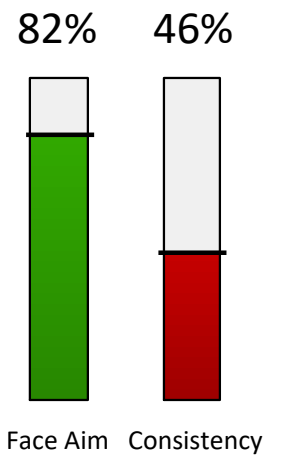
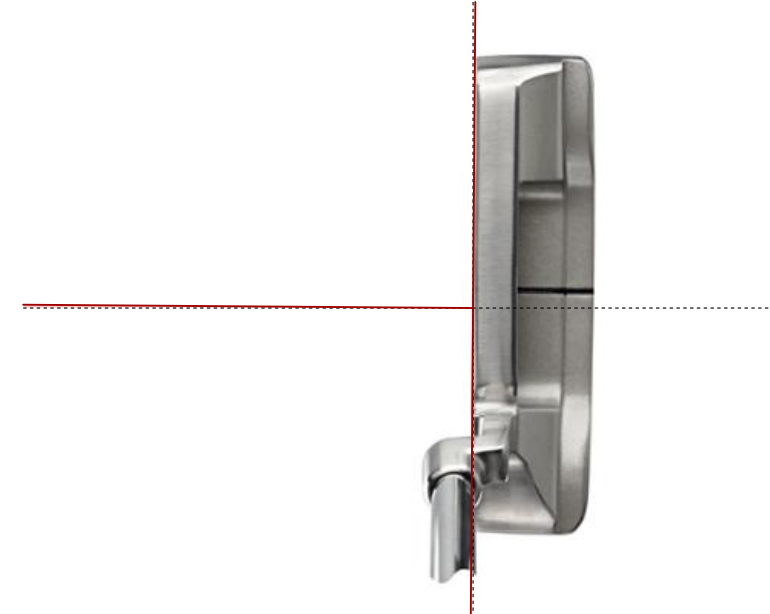
Project:	Foundation Golf Center	Session:	001 - 2020-10-07 15:28 (M)
Description:	Fittings and Lessons at Founda..	Description:	-
Player:	Tilbury, Chris	Type:	Measurement
Handicap:	+2	File:	001 - 2020-10-07 15:28 (M)
Lefthand:		Date:	07.10.2020
Comment:	-	Putts:	5
Putter:	Odyssey Chicago		
Length:	-		
Loft:	3.0		
Lie:	70.0		



Face Aim

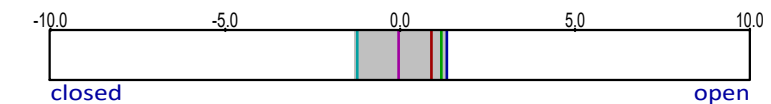


1.34
1.18
0.89
-1.23
-0.05



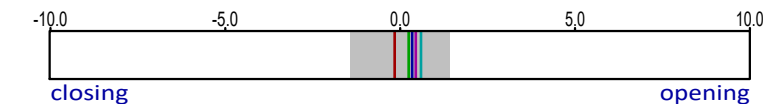
0.4° open

Face at address

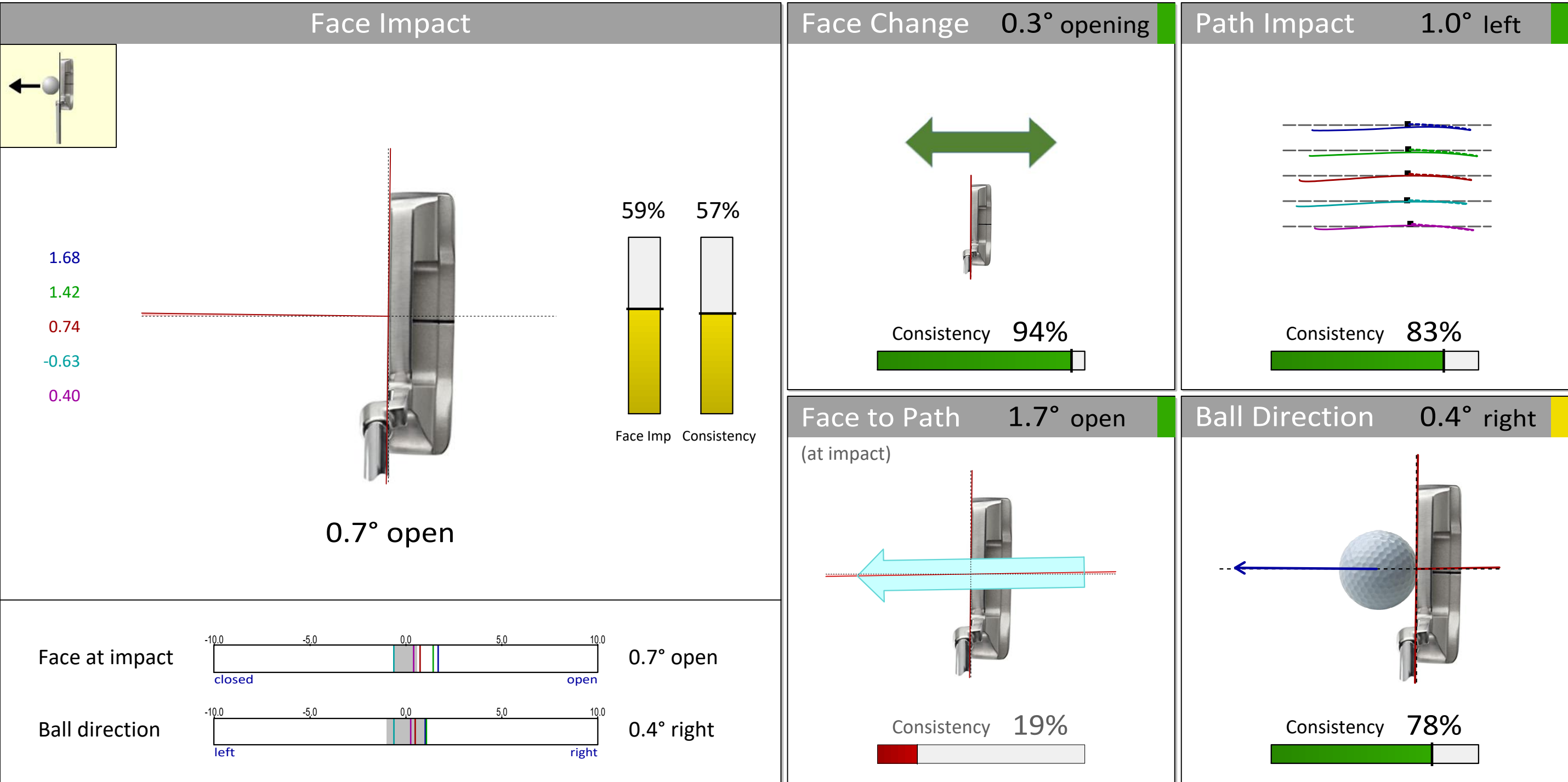


0.4° open

Face change



0.3° opening



Putter path - Top view



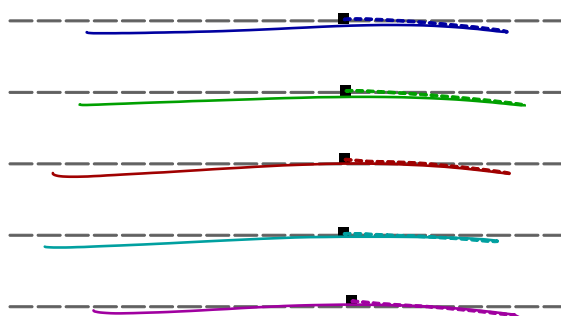
0.38

0.39

0.35

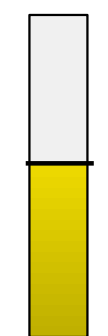
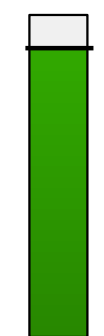
0.33

0.38



90%

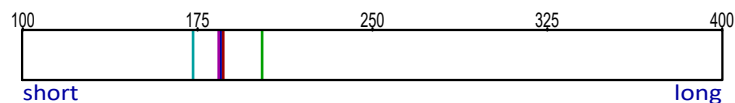
54%



BS Ratio Consistency

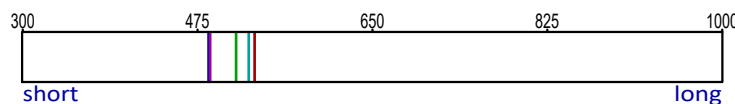
Backswing Ratio: 0.37

Backswing length



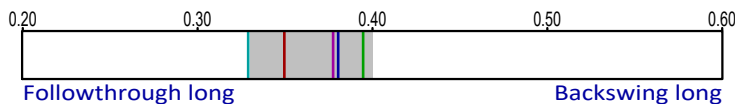
186 mm

Fdw. swing length



509 mm

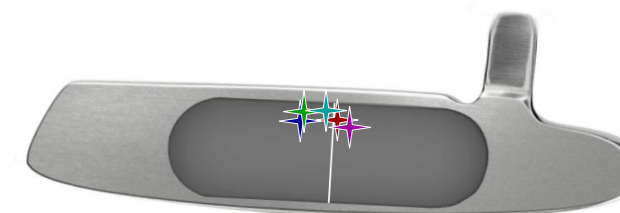
Backswing ratio



0.37

Impact Spot

Lie: 3.1° toe up



75%

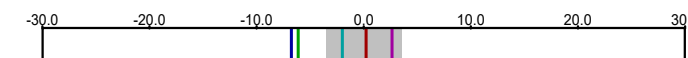
30%



Spot Consistency

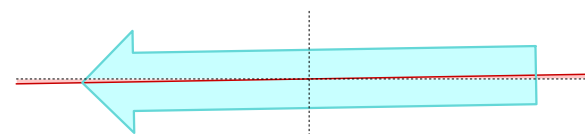
2.4 mm toe

Impact spot



2.4 mm toe

Path Direction 1.0° left



Consistency 83%



Path Arc 27.0 °/m

(at impact)

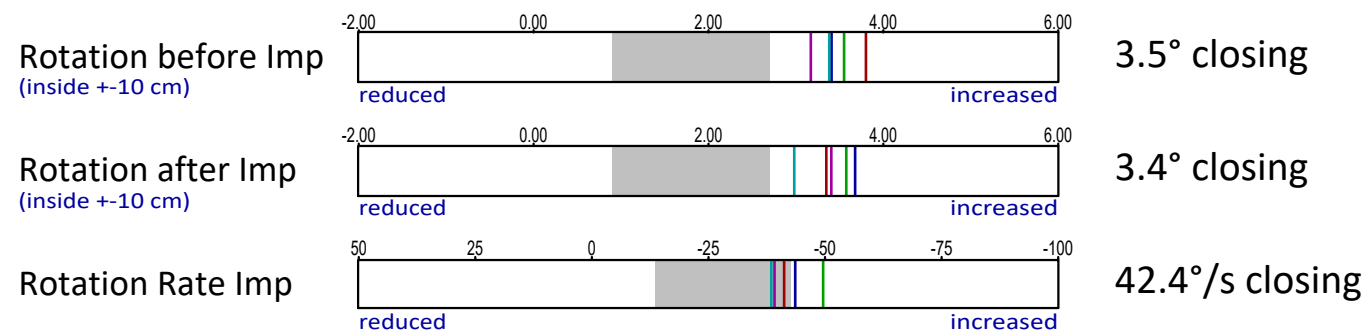
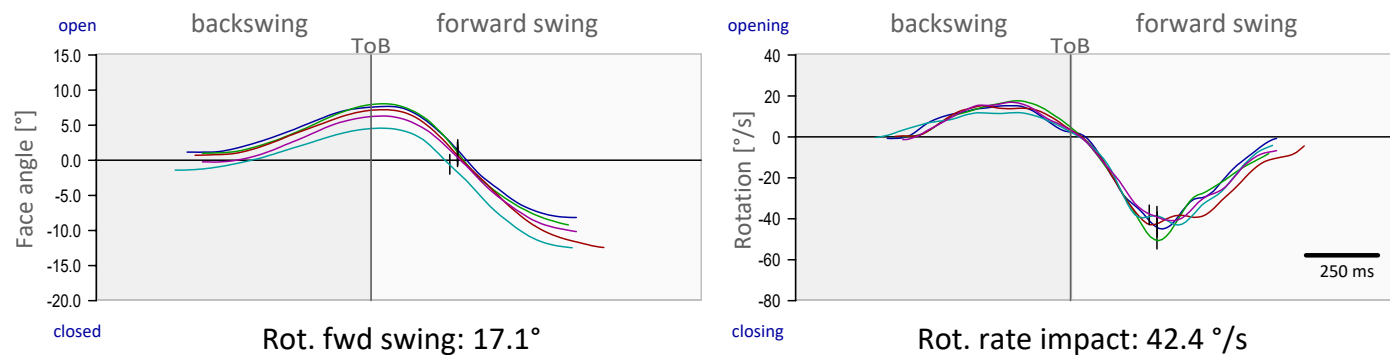
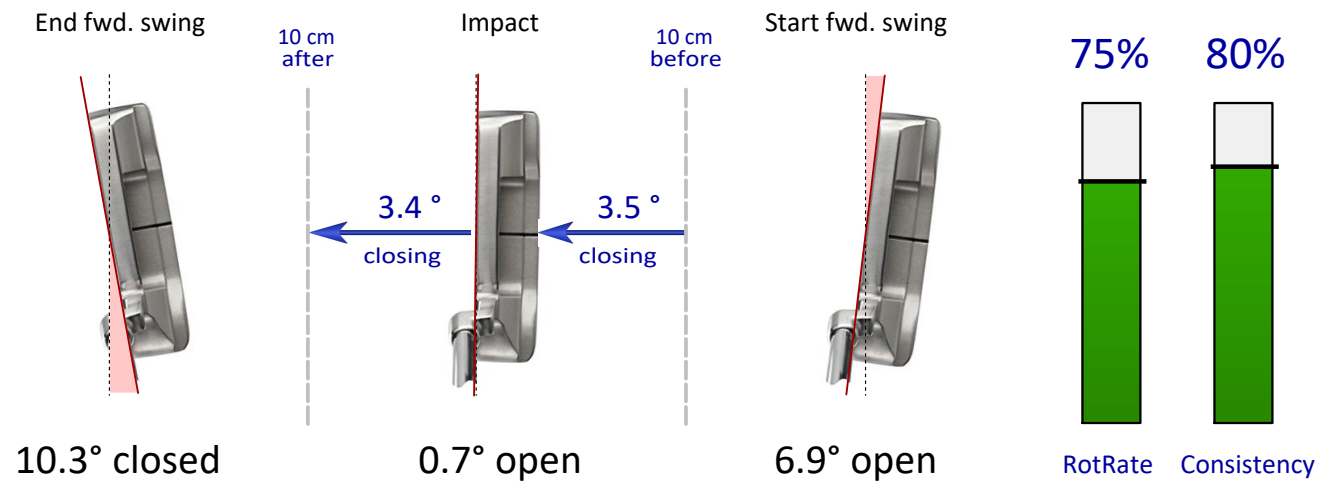


increased

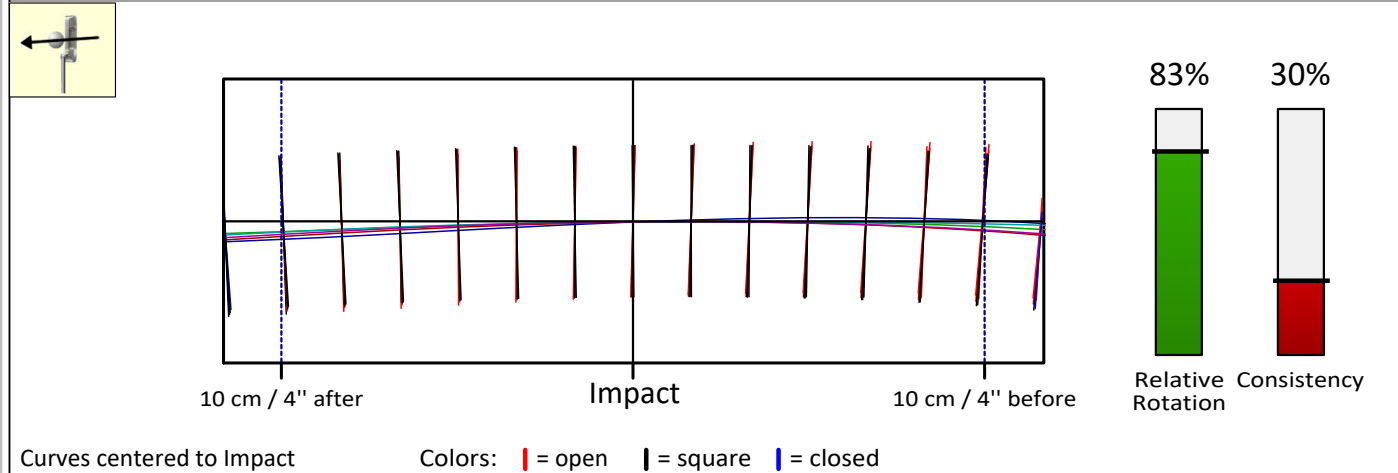
Consistency 47%



Face Rotation

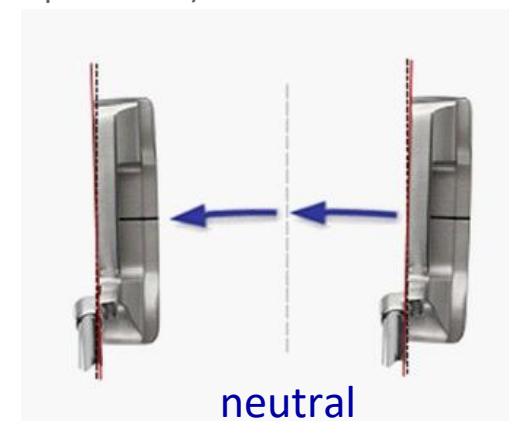


Relative Rotation



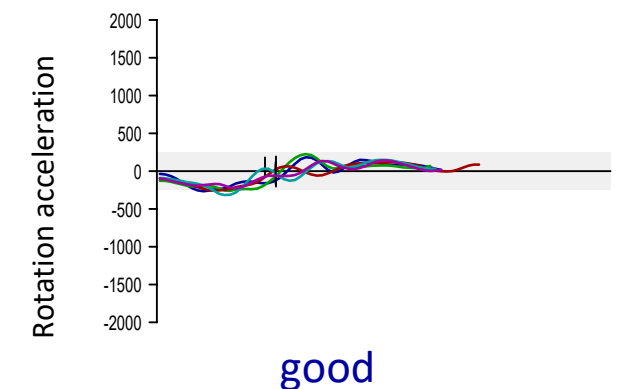
Rotation rel to path (Inside of impact zone) 1.0° closing

Rot. Symmetry 0.1° push (in impact zone)



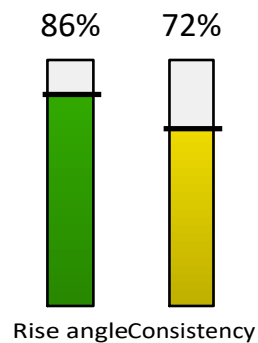
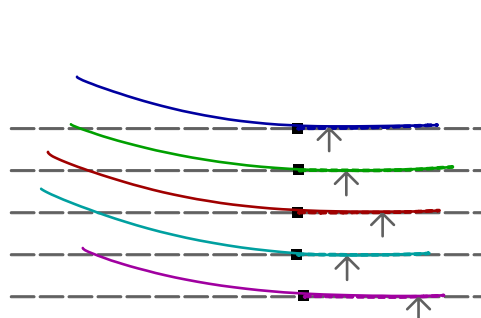
Consistency 88%

Smoothness 325 °/s²



Consistency 95%

Putter Path - Side view



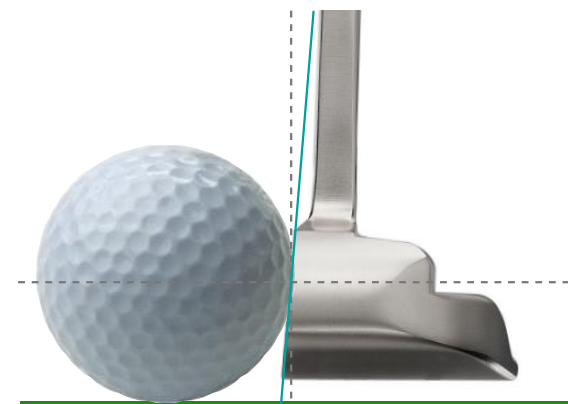
Rise: 3.3° up

Rise angle



3.3 ° upward

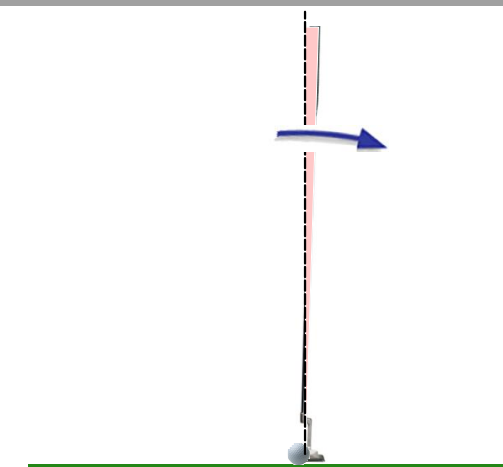
Height at Impact 3.4 mm



Consistency 85%



Shaft Impact 1.7° add



Consistency 84%

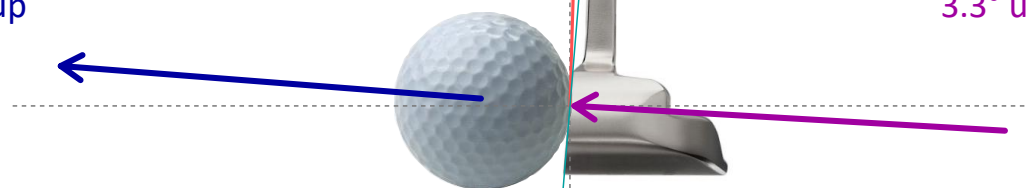


Launch



Shaft: 1.7° addloft
Eff. Loft: 4.7° pos.
(Putter Loft: 3.0°)

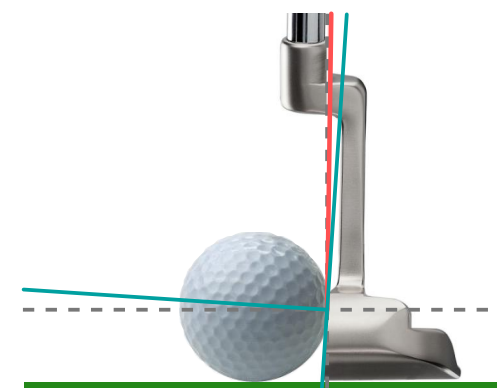
Pred. Launch:
4.4° up



Rise angle:
3.3° up

Pred. Spin: neutral

Loft Address 3.8 ° up

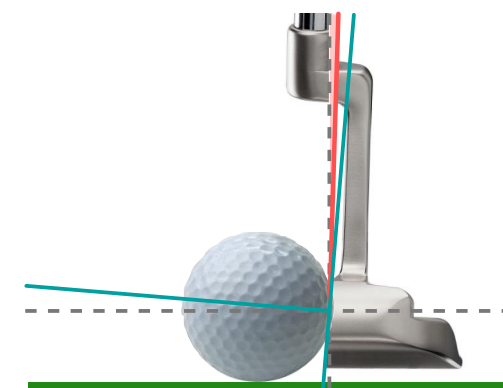


increased

Consistency 89%



Loft Impact 4.7 ° up

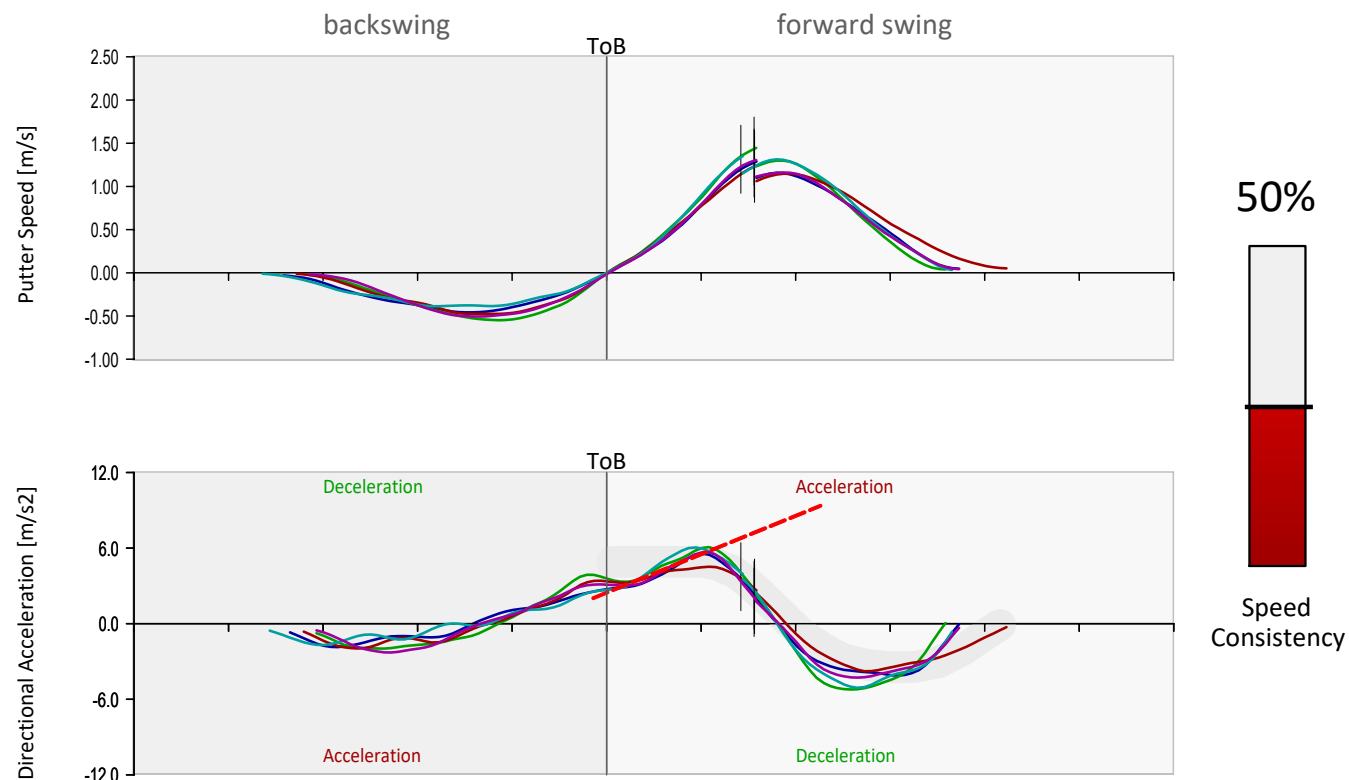


very high

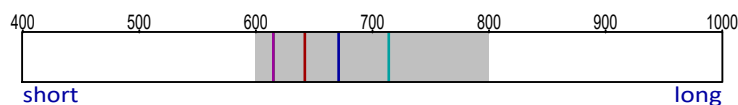
Consistency 84%



Stroke Dynamics

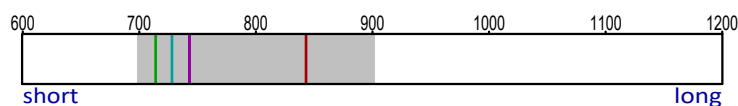


Back swing time



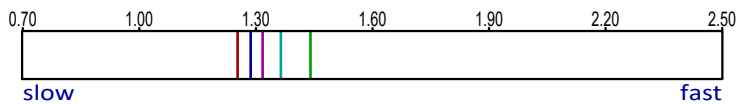
651 ms

Forward swing time



754 ms

Speed at impact



1.33 m/s

Backswing time 651 ms



regular

Consistency 66%



Fwd swing time 754 ms

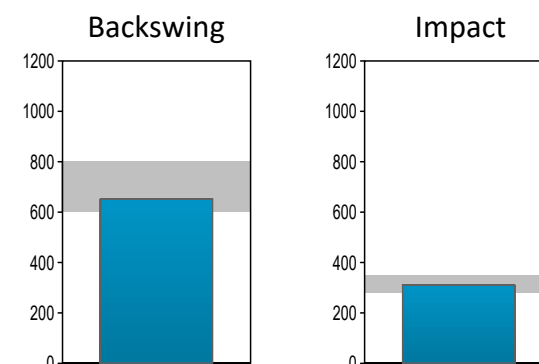


regular

Consistency 80%



Backswing Rhythm 2.12

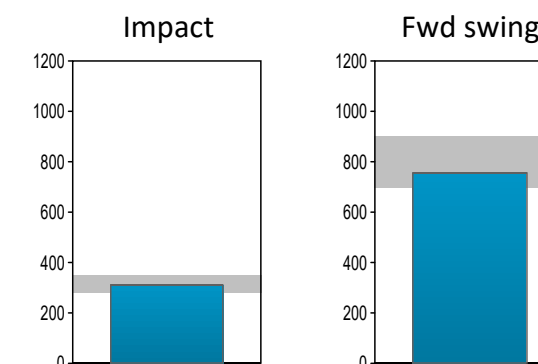


regular

Consistency 40%



Impact Timing 0.41



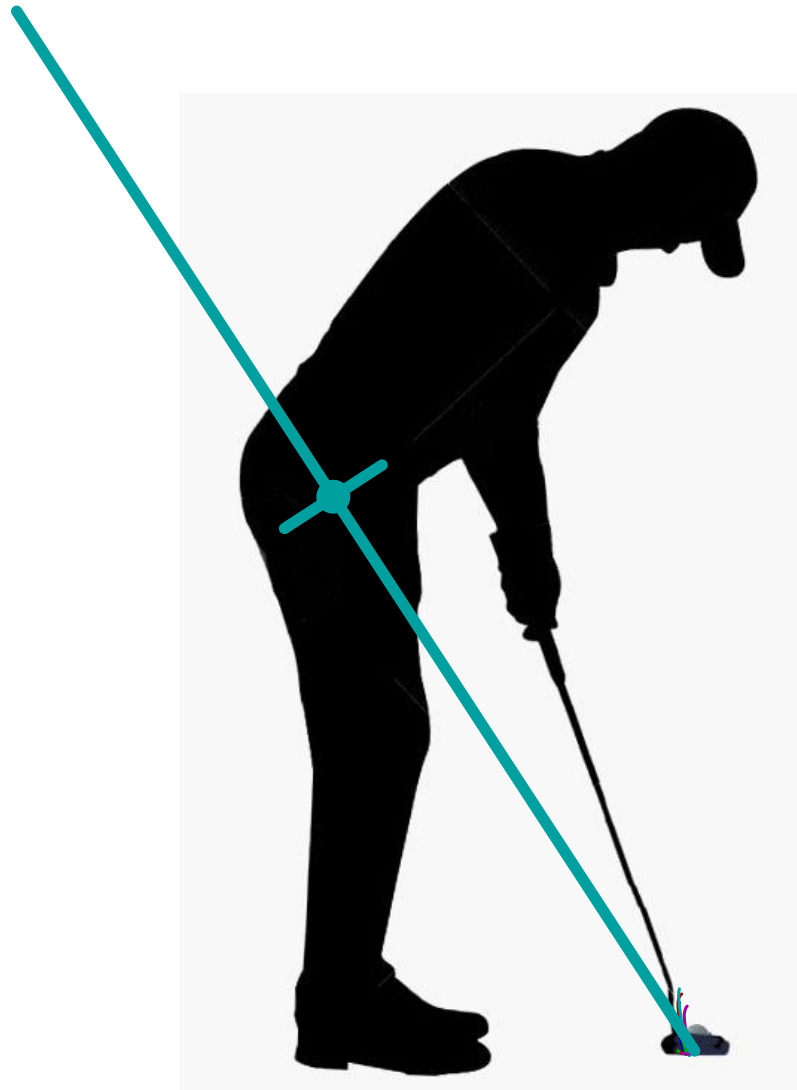
regular

Consistency 78%



Swing Plane

Swing Plane

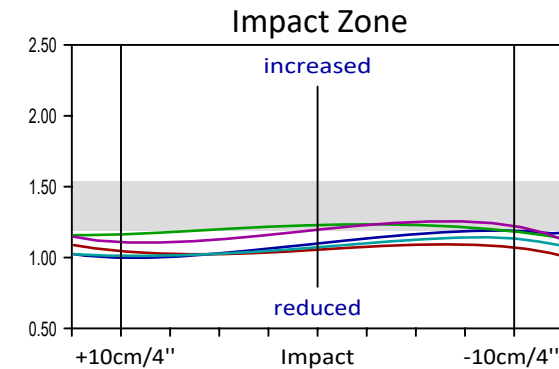


Swing Plane data

Tilt Angle: 33.1°
Radius: 1.14 m
Direction: 2.8° right
Low Point: 93 mm bef.

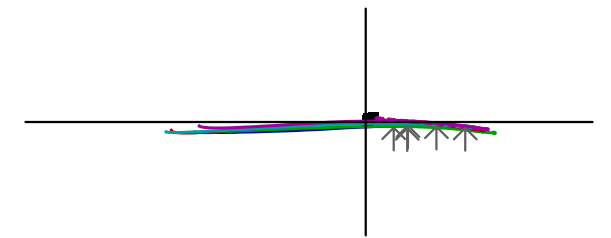
Swing Radius 1.14 m

(at impact)



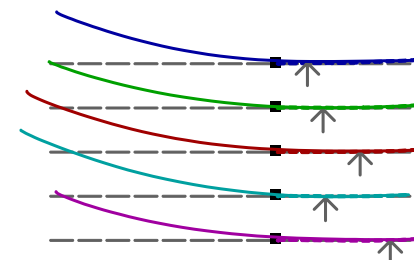
Consistency 90%

Swing Direct. 2.8° right



Consistency 0%

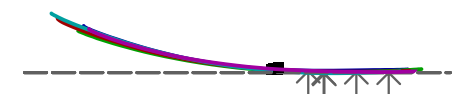
Low Point 93 mm bef.



Consistency 18%

Vertical Arc 42.7 °/m

(at impact)

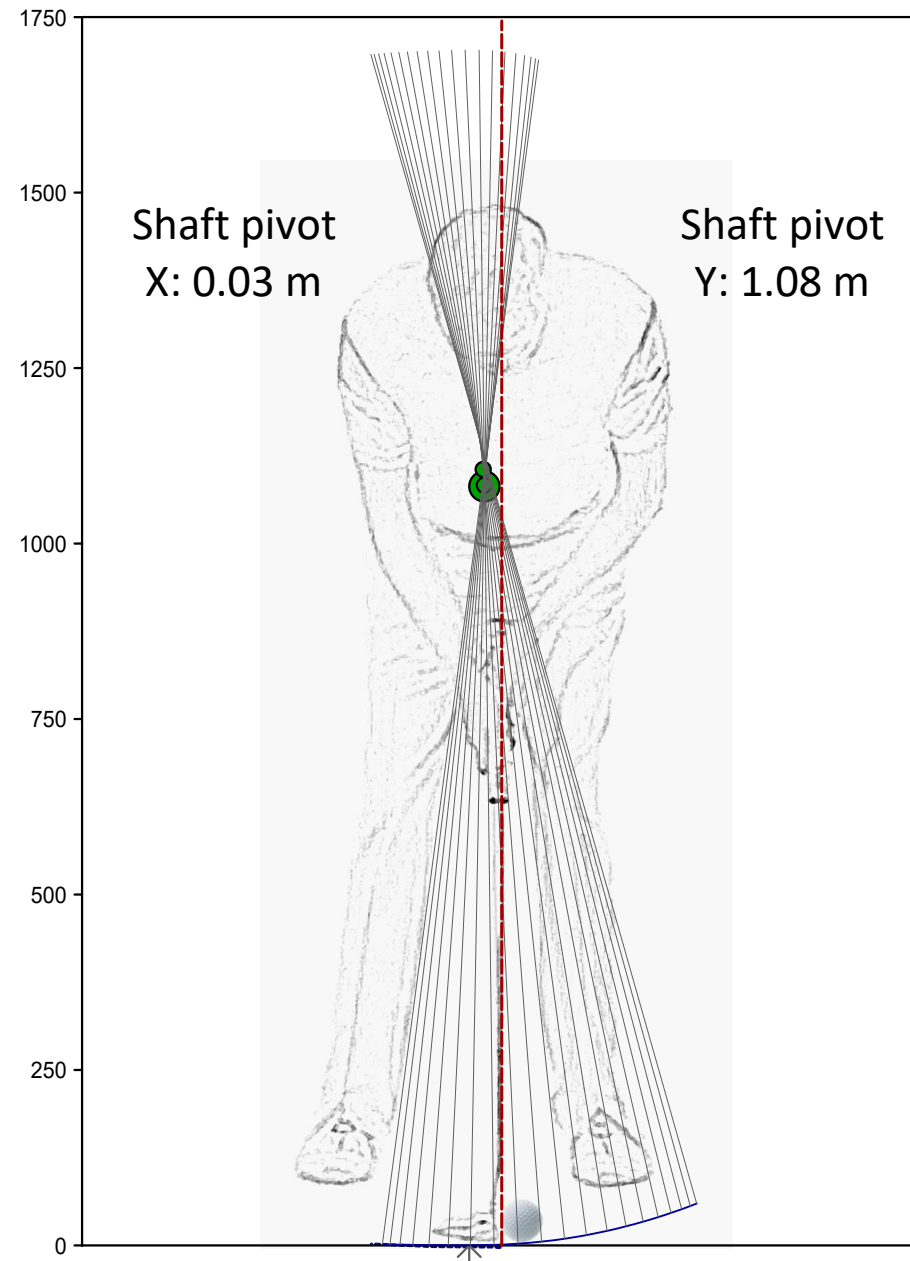


moderate

Consistency 23%

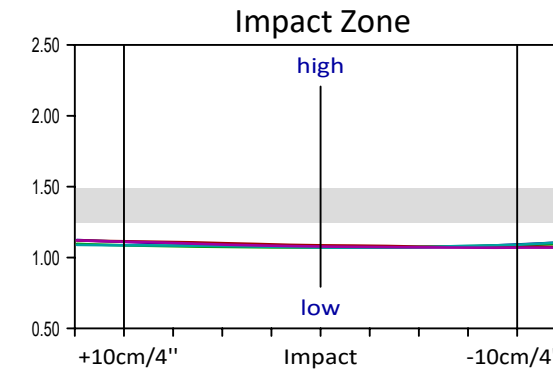
Shaft Plane

Shaft Plane Pivot



Shaft Pivot 1.08 m

(at impact)

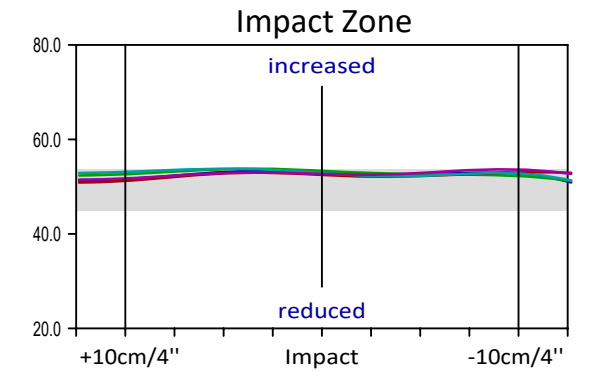


Consistency 99%



Shaft Rotation 53.0 °/m

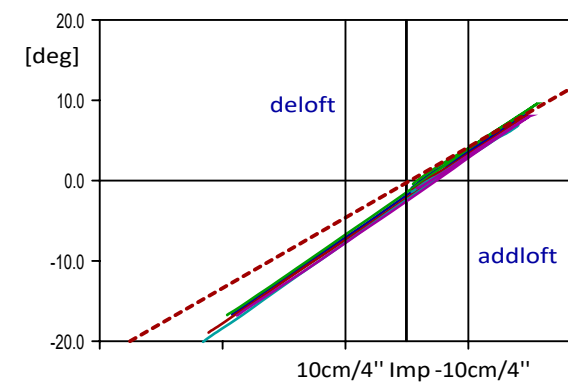
(at impact)



Consistency 98%



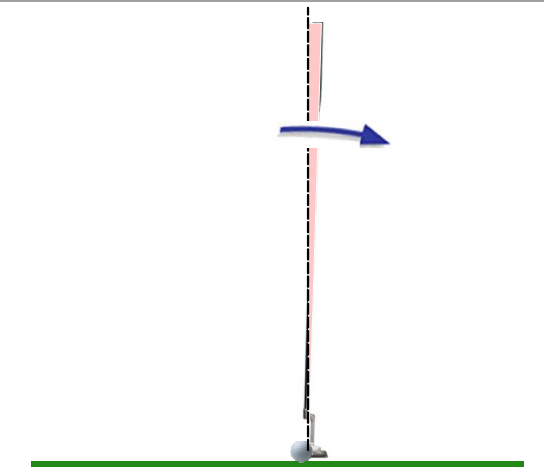
ShaftOnPath 53.0 °/m



Consistency 98%



Shaft Impact 1.7° add



Consistency 84%

