



SAM PuttLab

...the reference in
putt training

Science&Motion

Sports

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SAM PuttLab Extended Reports

Project

Name: Project 1
Description:

Player

Name: Brandt, Harry
Born: 1957
Hand: right
Handicap: 5
Playing since: 1964

Session

Name: Measurement - 10.03.2017
Description:
Date: 10.03.2017

File

Name: Measurement - 10.03.2017 ..
Description:
Date: 10.03.2017
Putts: 5

Tendency

83.2%

Timing

78.0%

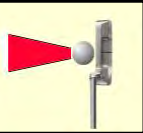
Consistency

77.5%

Overall Rating

79.0%

Aiming Report



Face Aim

-0.49

-0.11

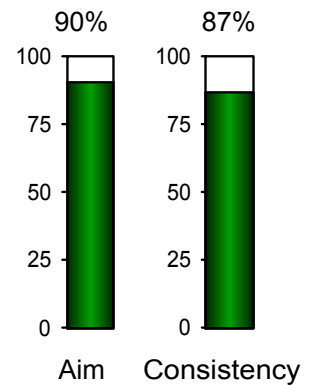
-1.10

-1.29

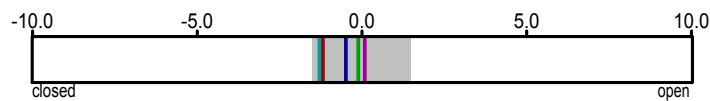
0.08



0.6° closed

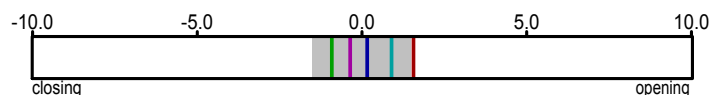


Face at address



0.6° closed

Face change



0.3° opening



Project: Project 1
 Player: Brandt, Harry
 File: Measurement - 10.03.2017 ..
 Date: 10.03.2017

Direction

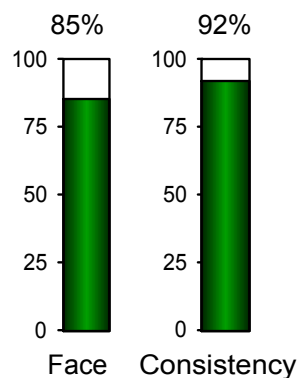


Face at impact

-0.33
 -1.03
 0.38
 -0.40
 -0.27

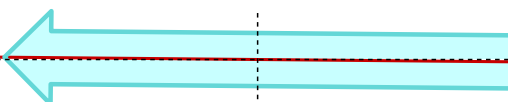


0.3° closed

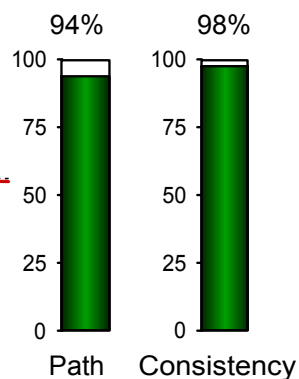


Putter path

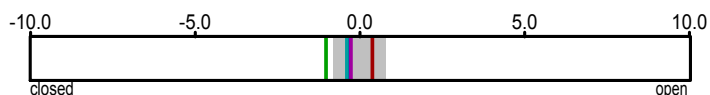
0.88
 0.64
 0.42
 0.62
 0.07



0.5° right

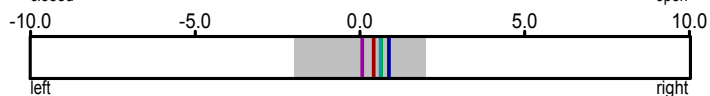


Face at Impact



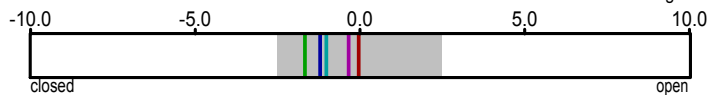
0.3° closed

Path direction impact



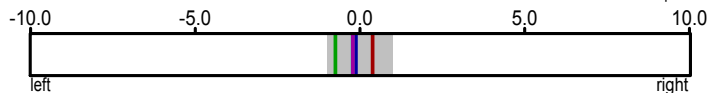
0.5° right

Face on path impact



0.9° closed

Ball direction



0.2° left

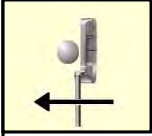


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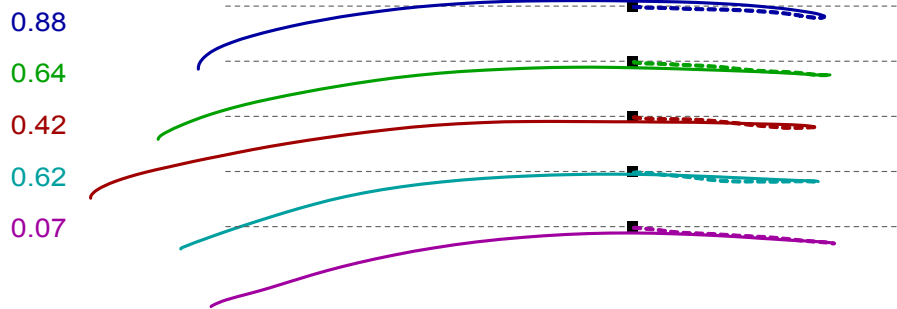
...the reference in putt training

Project:	Project 1
Player:	Brandt, Harry
File:	Measurement - 10.03.2017 ..
Date:	10.03.2017

Path & Spot



Top view

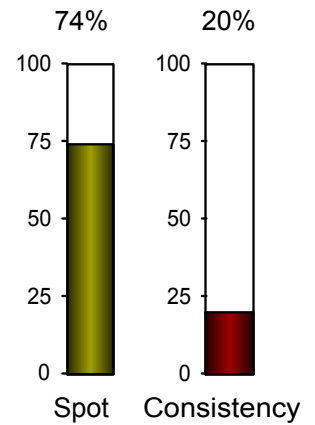


100 mm

Putter path at impact: 0.5° right

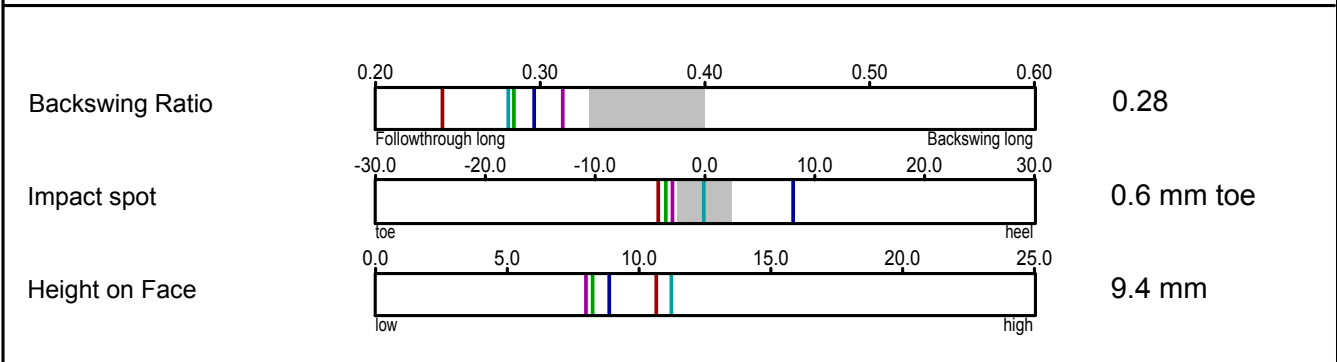
Impact spot

8.03
-3.57
-4.26
-0.11
-2.96



Spot: 0.6 mm toe

Lie angle: 0.2 ° toe up



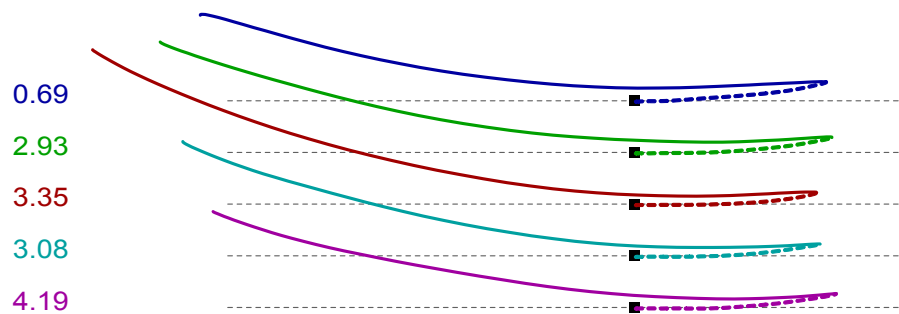


Project:	Project 1
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Loft & Rise



Side view



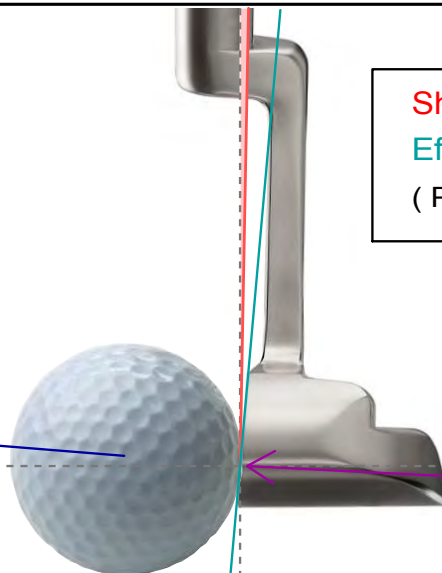
Rise at impact: 2.8° up

Launch & Spin

Pred. launch: 4.6° up



Predicted Spin: back



Shaft angle:	1.1° addloft
Effective Loft:	5.1° positive
(Putter Loft:	4.0°)

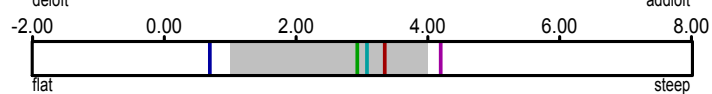
Rise angle: 2.8° up

Effective Loft



5.1° pos.

Rise angle



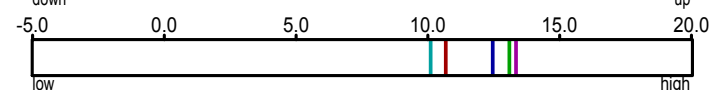
2.8° upward

Predicted Launch



4.6° upward

Putter above ground

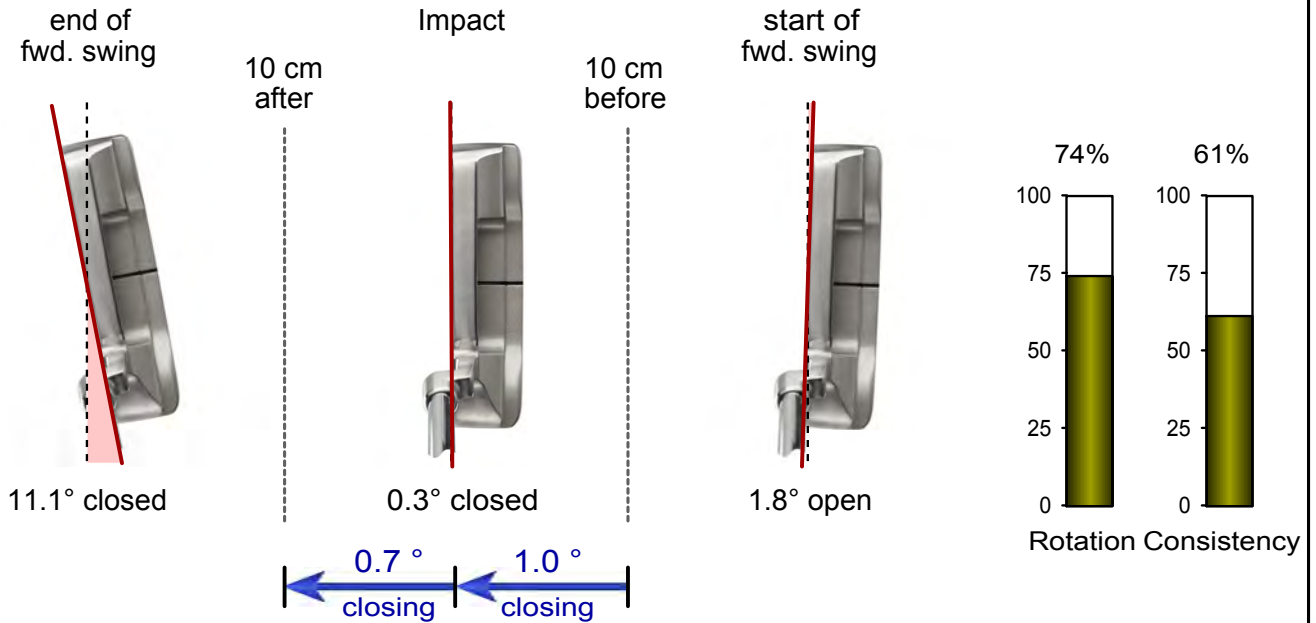


11.9 mm

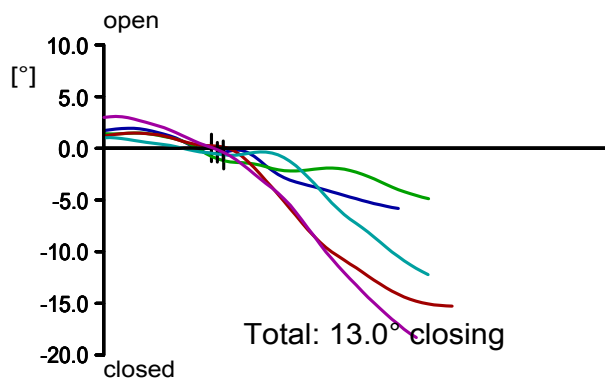


Project: Project 1
 Player: Brandt, Harry
 File: Measurement - 10.03.2017 ..
 Date: 10.03.2017

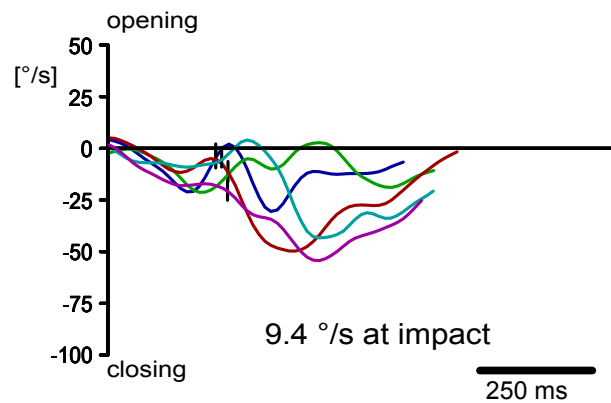
Face Rotation



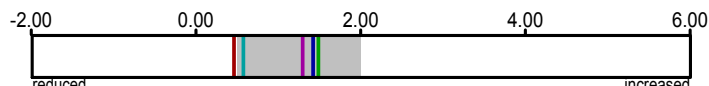
Face Angle (fwd swing)



Rotation (fwd swing)

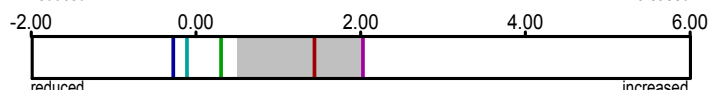


Rotation before Impact (inside 10 cm)



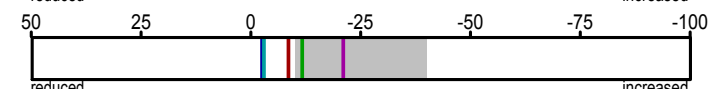
1.0° closing

Rotation after impact (inside 10 cm)



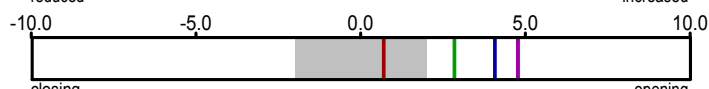
0.7° closing

Rotation rate at Impact



9.4°/s closing

Rotation rel. to path

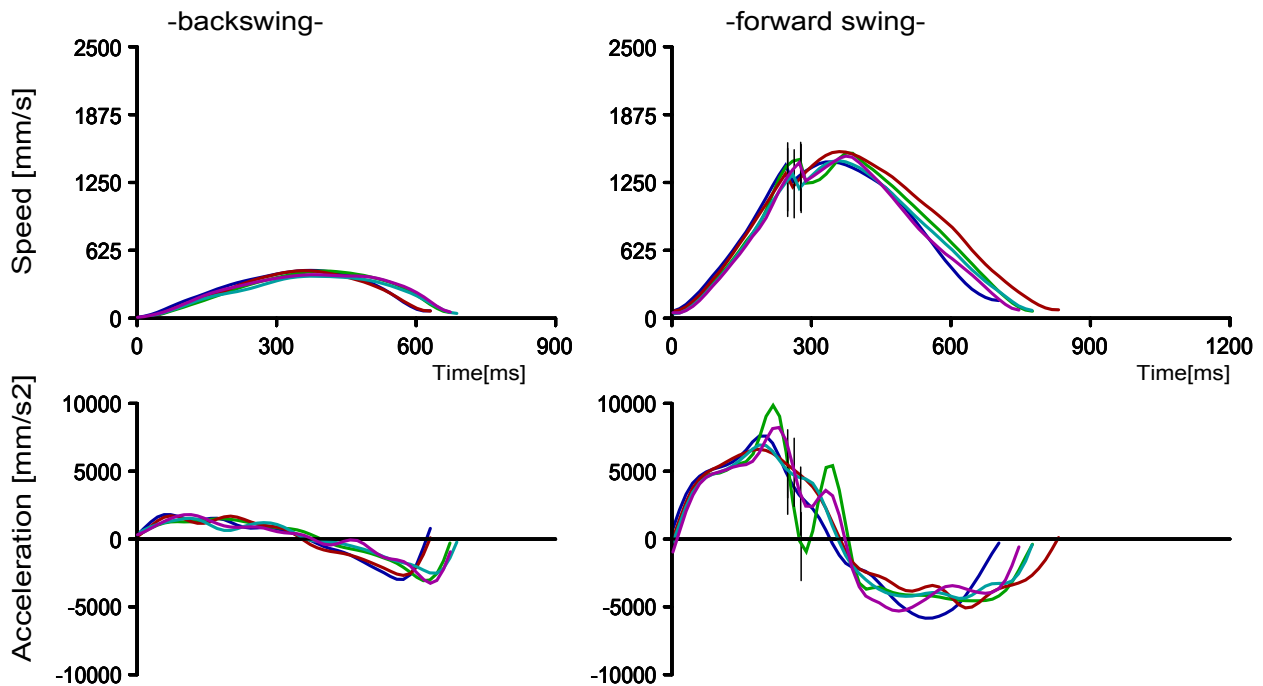


3.4° opening

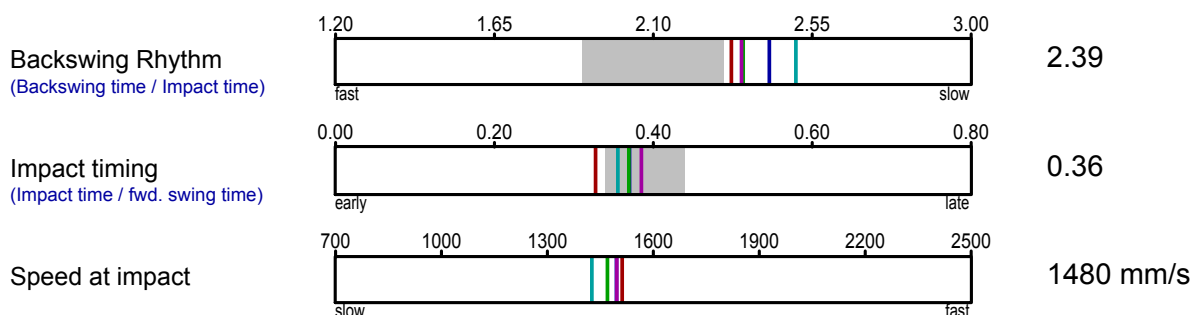
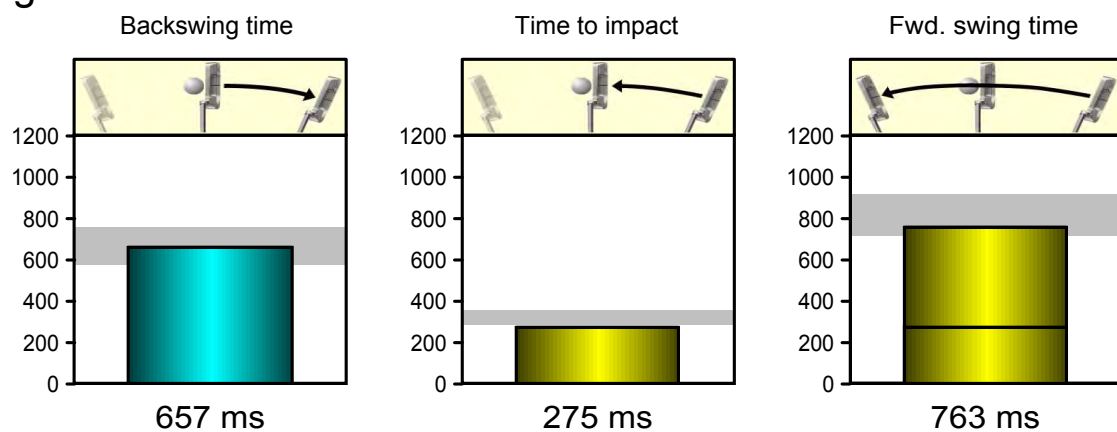


Project: Project 1
 Player: Brandt, Harry
 File: Measurement - 10.03.2017 ..
 Date: 10.03.2017

Movement Dynamics



Timing





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Project

Name: Project 1
Description:

Player

Name: Brandt, Harry
Born: 1957
Hand: right
Handicap: 5
Playing since: 1964

Session

Name: Measurement - 30.03.2017
Description:
Date: 30.03.2017

File

Name: Measurement - 30.03.2017 ..
Description:
Date: 30.03.2017
Putts: 5

Tendency

78.9%

Timing

75.0%

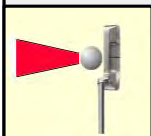
Consistency

94.2%

Overall Rating

85.5%

Aiming Report



Face Aim

-0.34

-0.23

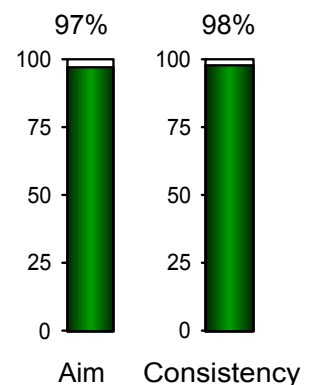
-0.17

0.16

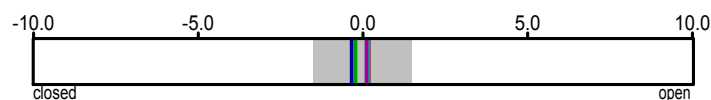
0.10



0.0° closed

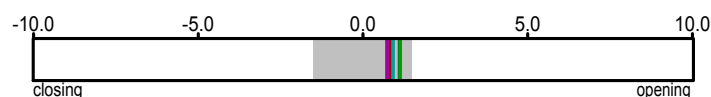


Face at adress



0.0° closed

Face change



0.9° opening

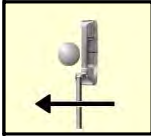


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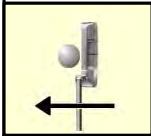
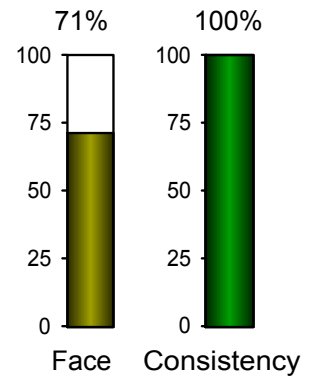
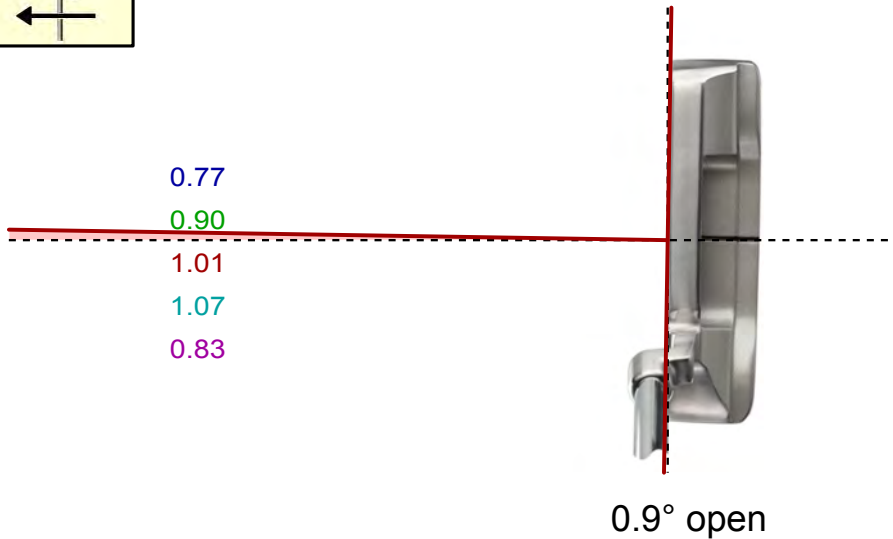
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Project: Project 1
 Player: Brandt, Harry
 File: Measurement - 30.03.2017 ..
 Date: 30.03.2017

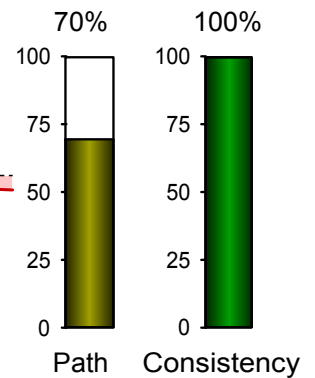
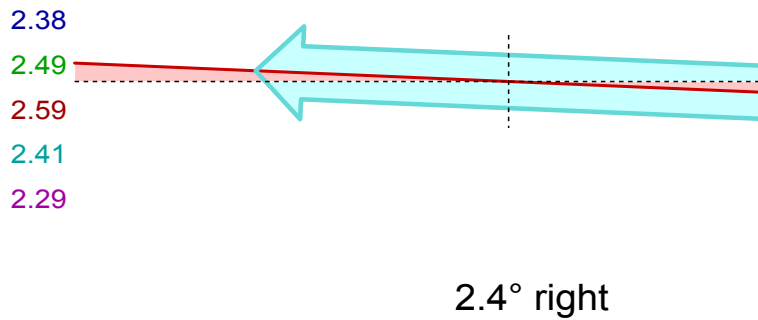
Direction



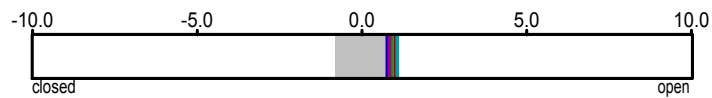
Face at impact



Putter path

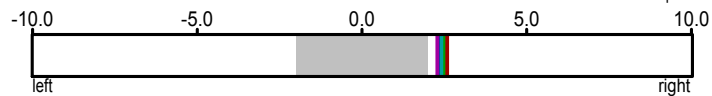


Face at Impact



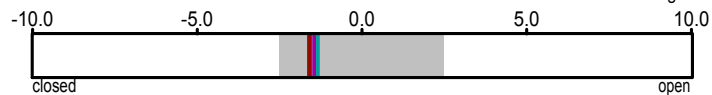
0.9° open

Path direction impact



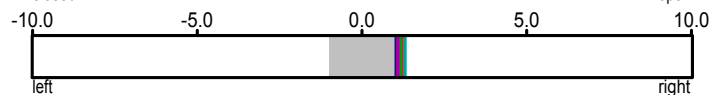
2.4° right

Face on path impact



1.5° closed

Ball direction

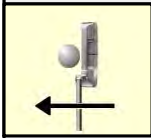


1.2° right



Project:	Project 1
Player:	Brandt, Harry
File:	Measurement - 30.03.2017 ..
Date:	30.03.2017

Path & Spot



Top view

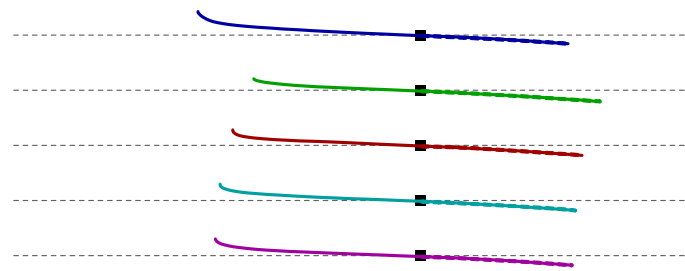
2.38

2.49

2.59

2.41

2.29



Putter path at impact: 2.4° right

Impact spot

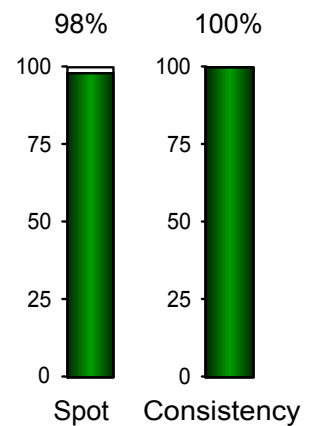
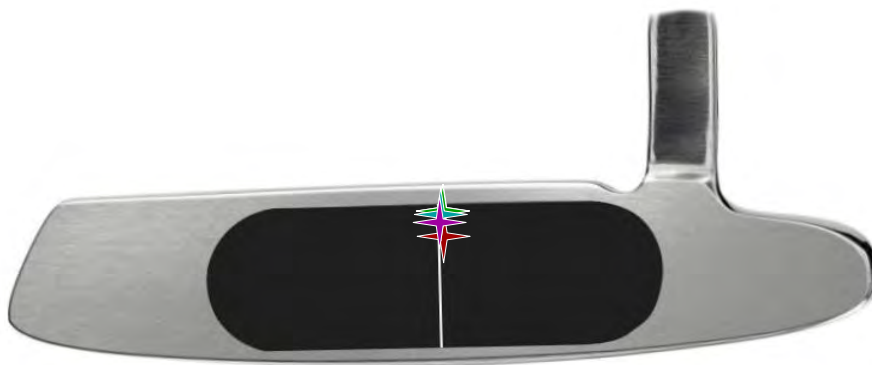
0.48

0.43

0.48

0.16

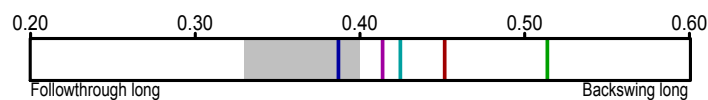
-0.00



Spot: 0.3 mm heel

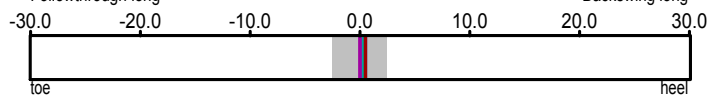
Lie angle: 1.3 ° toe down

Backswing Ratio



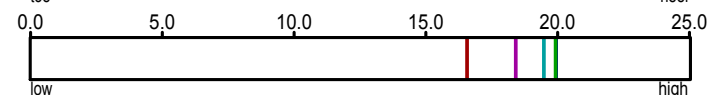
0.44

Impact spot



0.3 mm heel

Height on Face



18.9 mm



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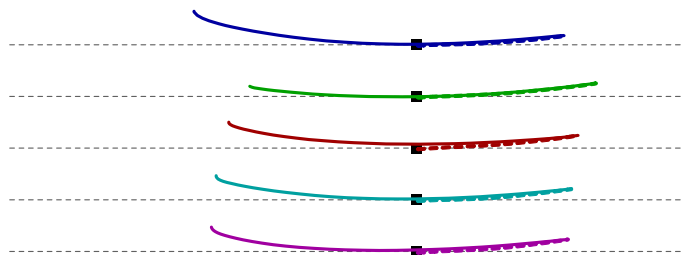
Project: Project 1
Player: Brandt, Harry
File: Measurement - 30.03.2017 ..
Date: 30.03.2017

Loft & Rise



Side view

-0.43
-0.72
0.02
-0.50
-1.32



100 mm

Rise at impact: 0.6° down

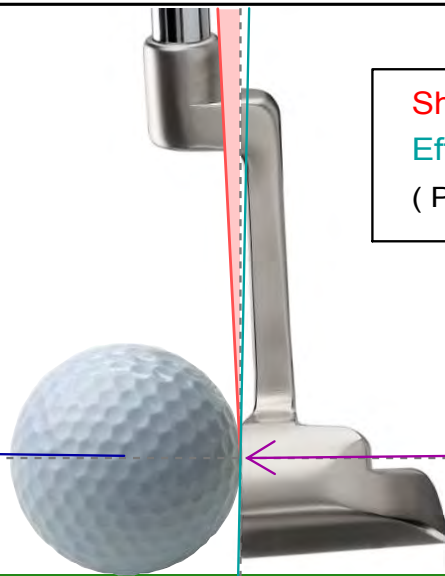
Launch & Spin

Shaft angle: 2.9° deloft
Effective Loft: 1.1° positive
(Putter Loft: 4.0 °)

Pred. launch: 0.8° up

Rise angle: 0.6° down

Predicted Spin: back

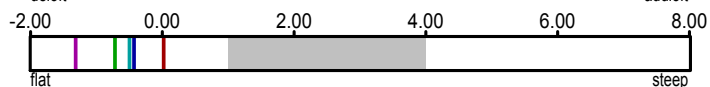


Effective Loft



1.1 ° pos.

Rise angle



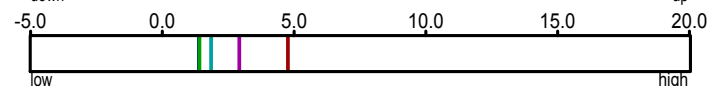
0.6° down

Predicted Launch



0.8° upward

Putter above ground

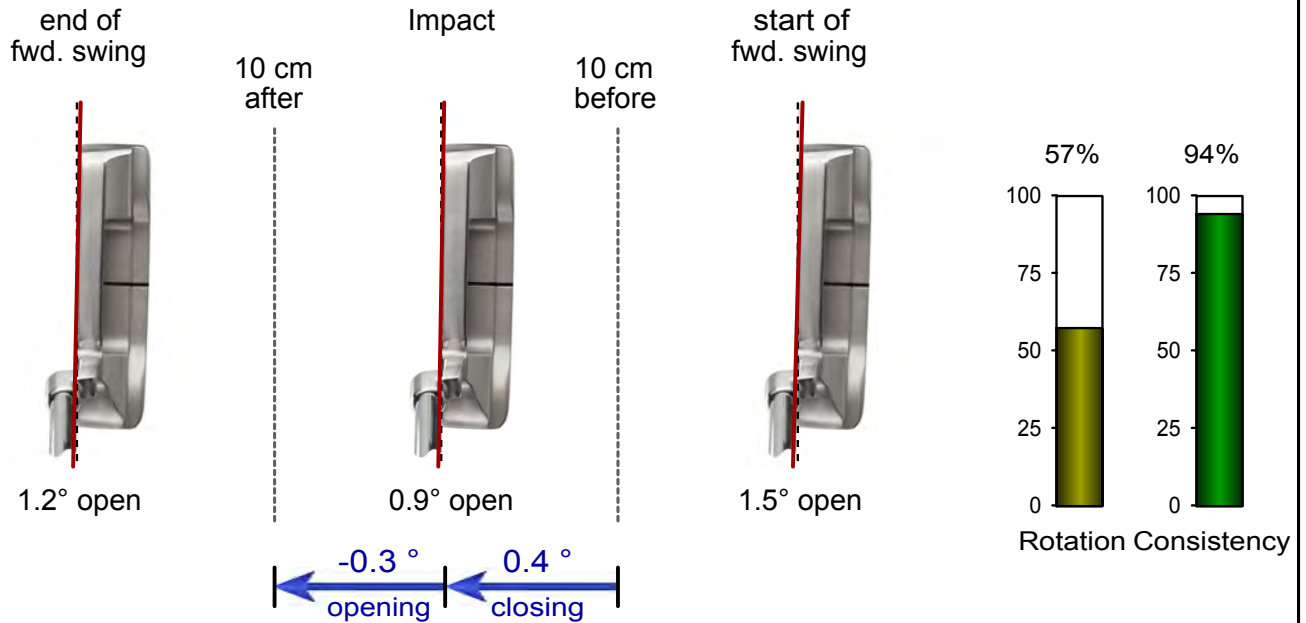


2.5 mm

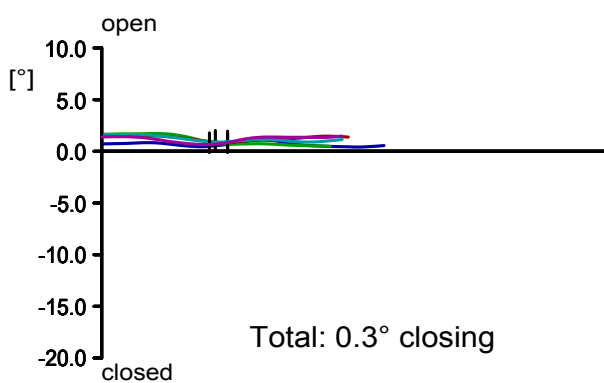


Project: Project 1
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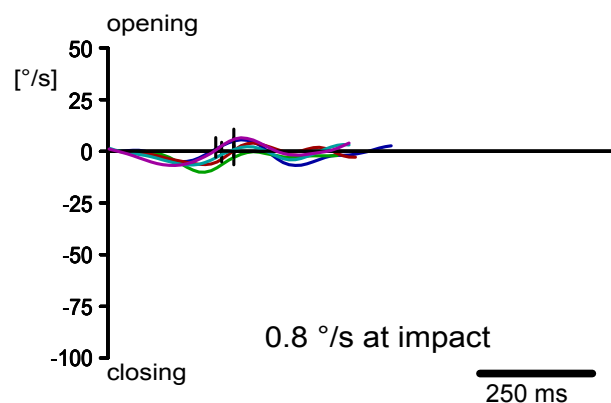
Face Rotation



Face Angle (fwd swing)



Rotation (fwd swing)

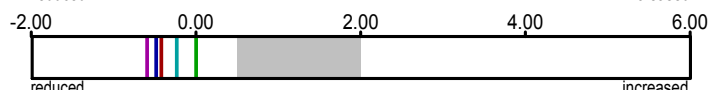


Rotation before Impact (inside 10 cm)



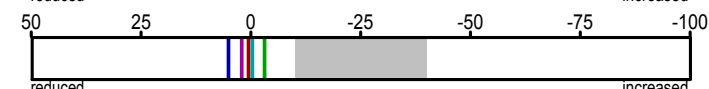
0.4° closing

Rotation after impact (inside 10 cm)



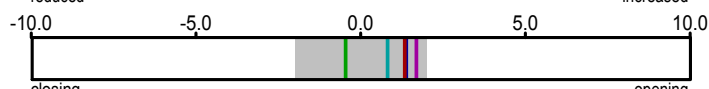
0.3° opening

Rotation rate at Impact



0.8°/s opening

Rotation rel. to path

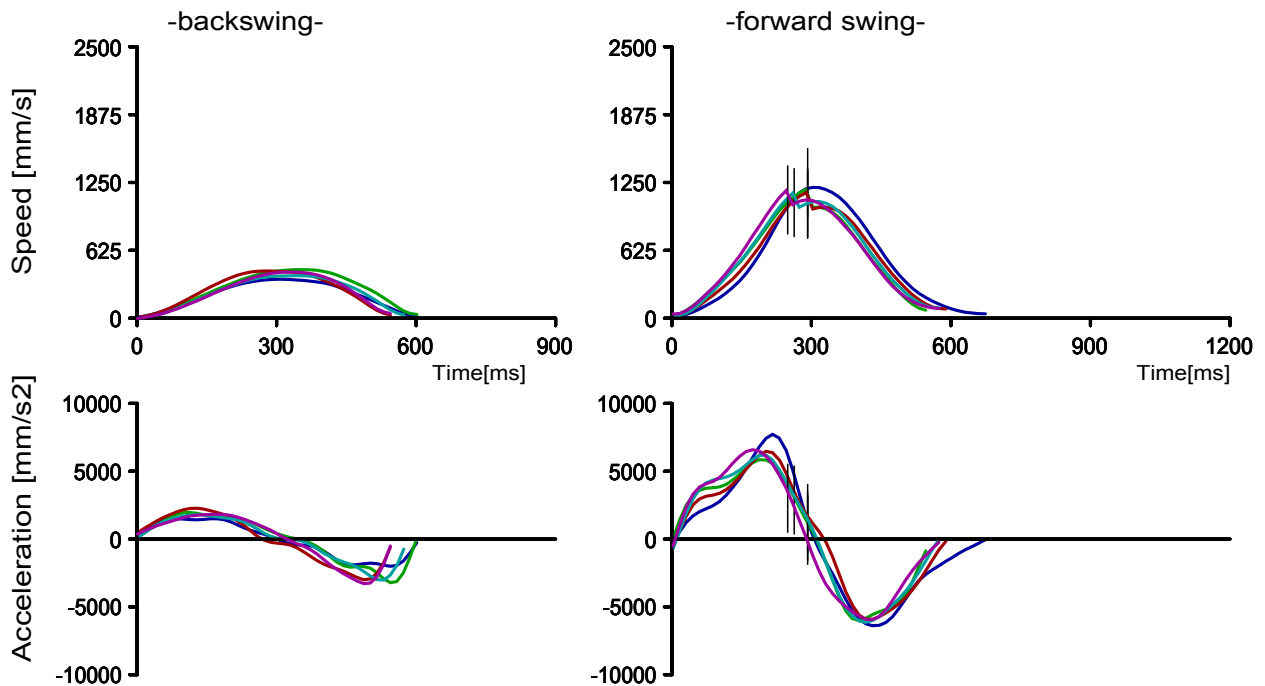


1.0° opening

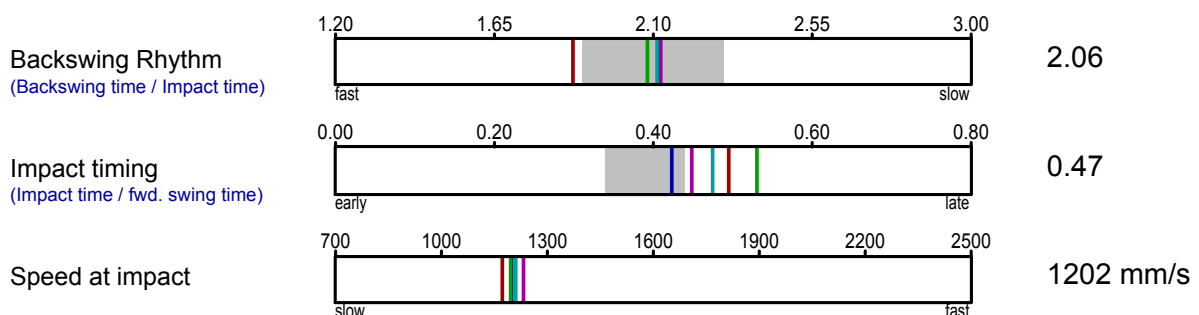
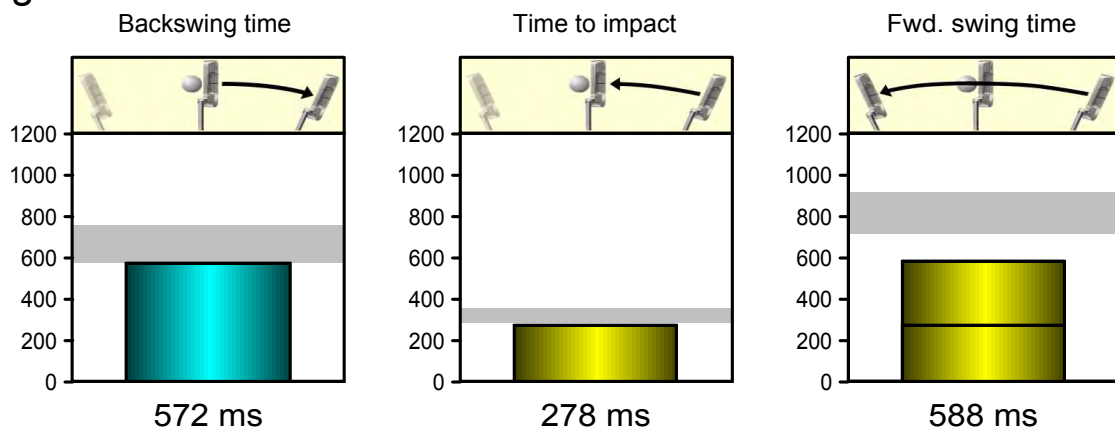


Project: Project 1
 Player: Brandt, Harry
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Movement Dynamics



Timing





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Player

Name: Brandt, Harry
Born: 1957
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Handicap: 5
Playing since: 1964

Session

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Description:
Date: 10.03.2017

File

Name: Measurement - 10.03.2017 ..
Description:
Date: 10.03.2017
Putts: 5

Tendency

89.1%

Timing

69.2%

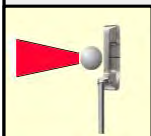
Consistency

84.7%

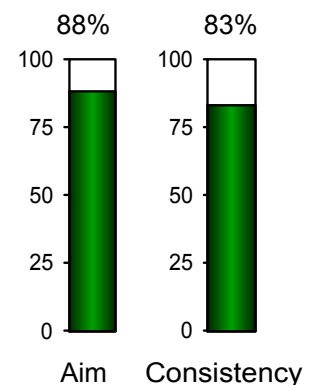
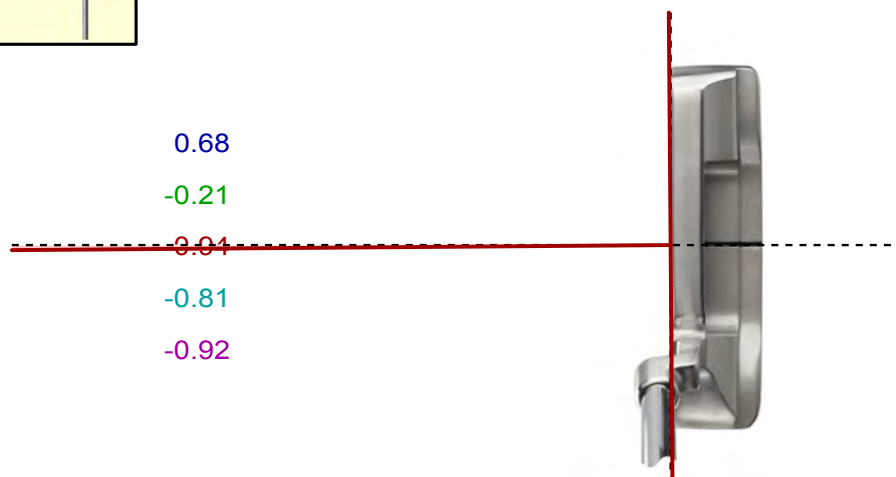
Overall Rating

81.9%

Aiming Report

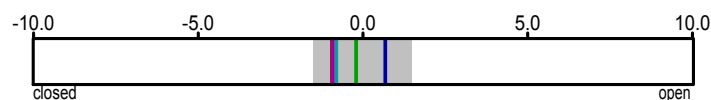


Face Aim



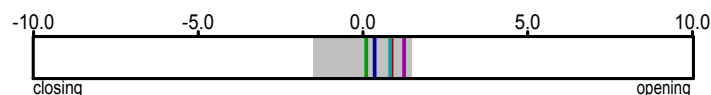
0.4° closed

Face at address



0.4° closed

Face change

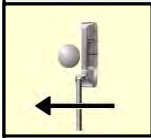


0.7° opening

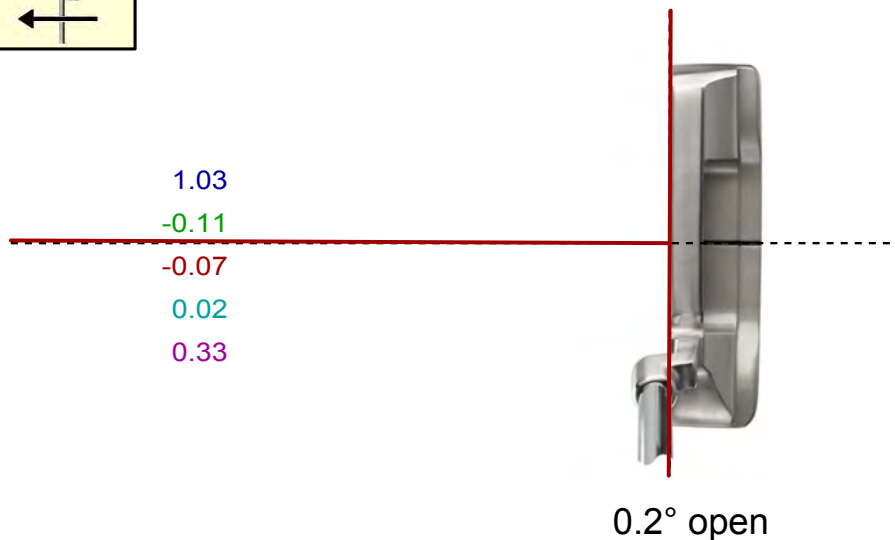


Project: Project 1
 Player: Brandt, Harry
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 Date: 10.03.2017

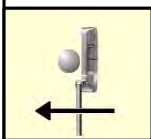
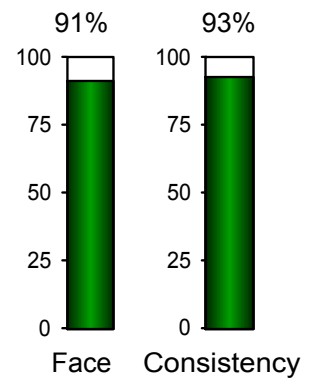
Direction



Face at impact

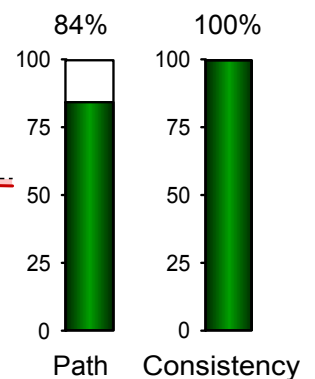
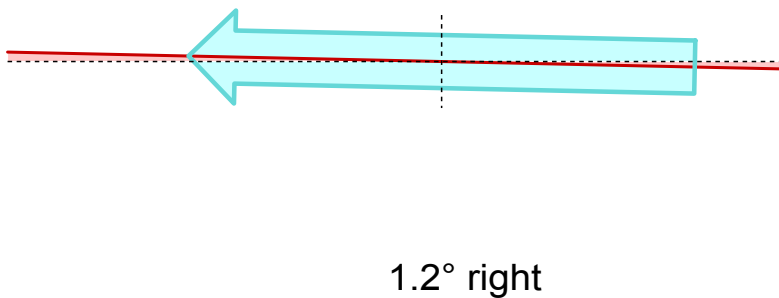


1.03
 -0.11
 -0.07
 0.02
 0.33

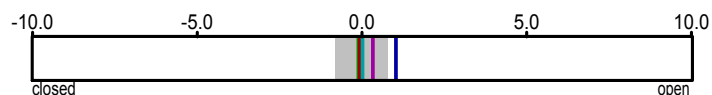


Putter path

1.28
 1.21
 1.08
 1.33
 1.33

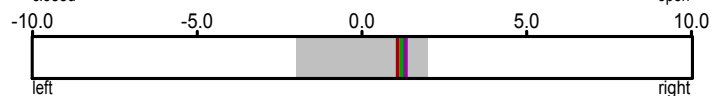


Face at Impact



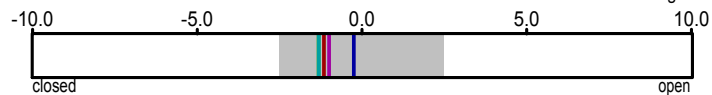
0.2° open

Path direction impact



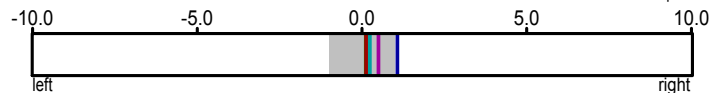
1.2° right

Face on path impact



1.0° closed

Ball direction



0.4° right



SAM PuttLab

...the reference in
putt training

Science&Motion
Sports

www.scienceandmotion.com

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Path & Spot



Top view

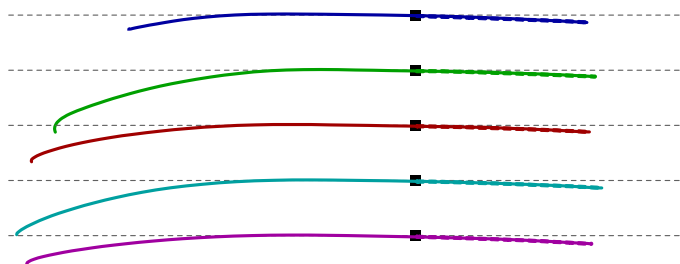
1.28

1.21

1.08

1.33

1.33



100 mm

Putter path at impact: 1.2° right

Impact spot

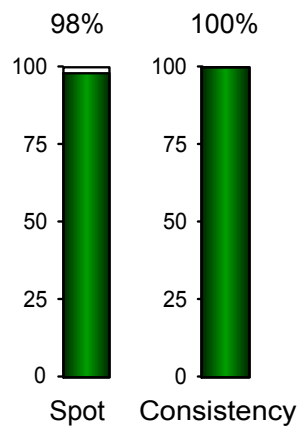
0.37

0.03

-0.28

-0.66

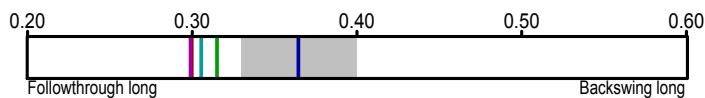
-0.68



Spot: 0.2 mm toe

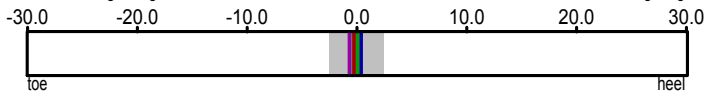
Lie angle: 0.5 ° toe up

Backswing Ratio



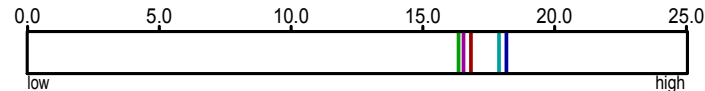
0.32

Impact spot



0.2 mm toe

Height on Face



17.2 mm



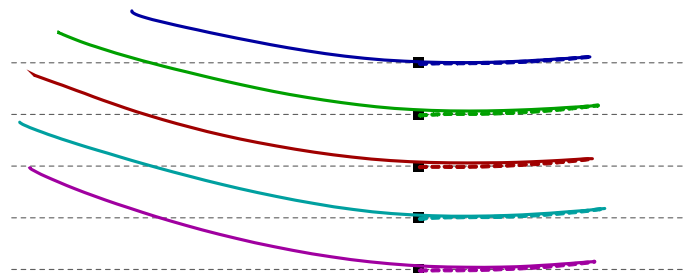
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Loft & Rise



Side view

2.45
 1.89
 1.71
 1.73
 3.22



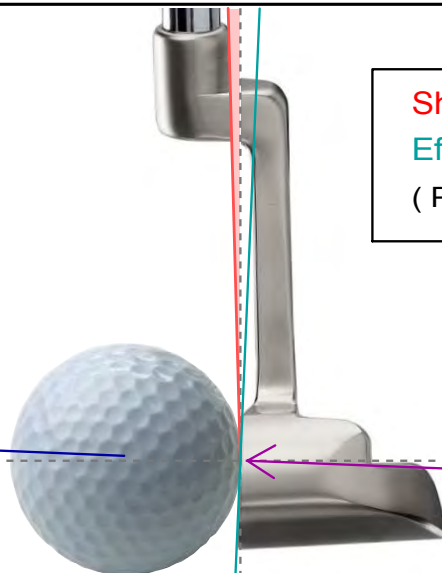
100 mm

Rise at impact: 2.2° up

Launch & Spin

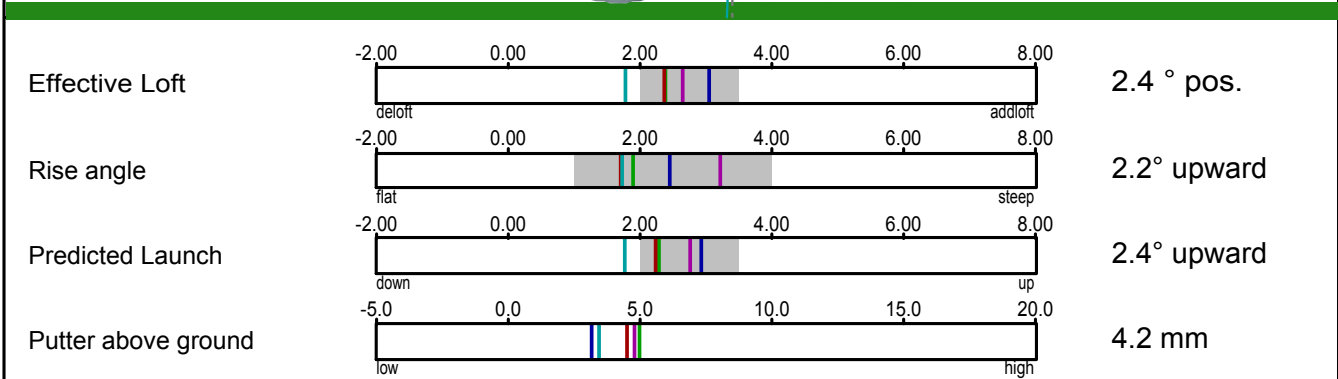
Pred. launch: 2.4° up

Predicted Spin: neutral



Shaft angle: 1.6° deloft
 Effective Loft: 2.4° positive
 (Putter Loft: 4.0 °)

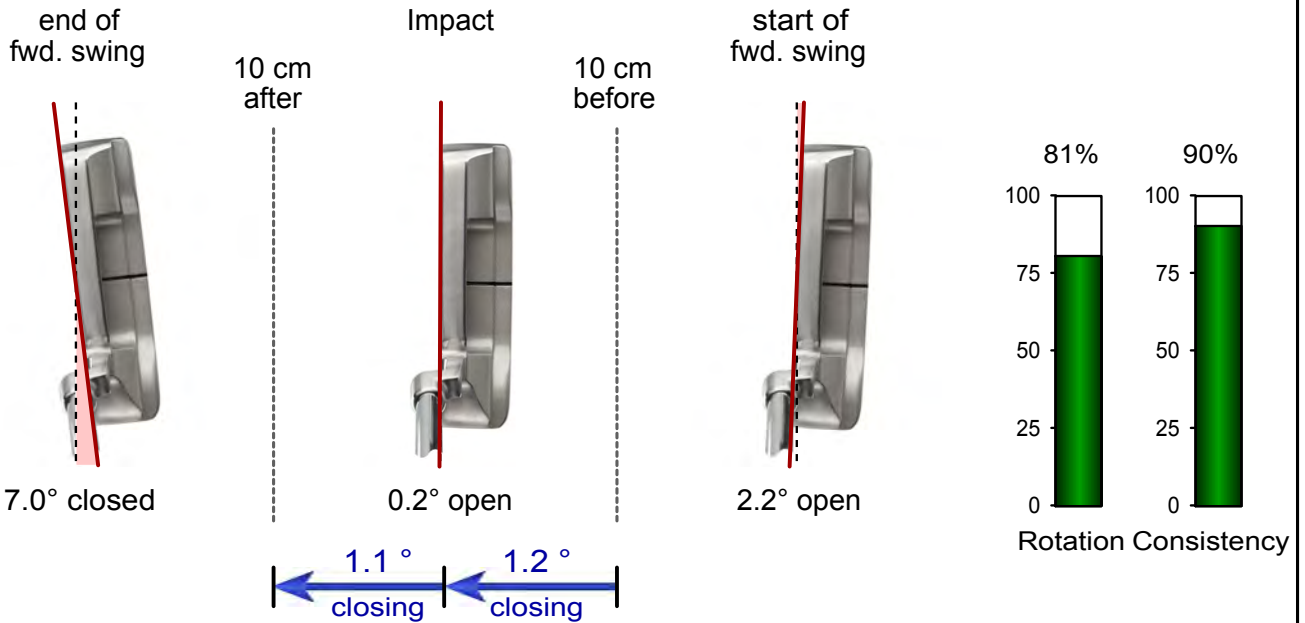
Rise angle: 2.2° up



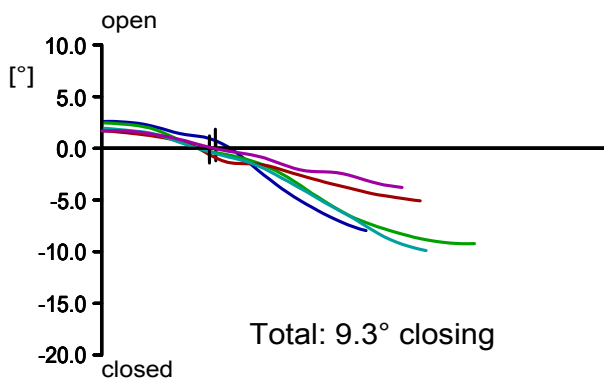


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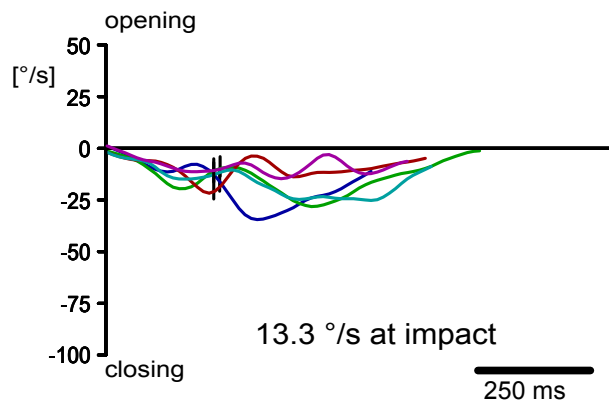
Face Rotation



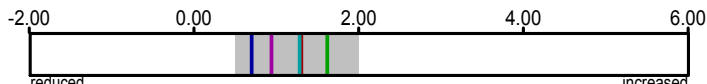
Face Angle (fwd swing)



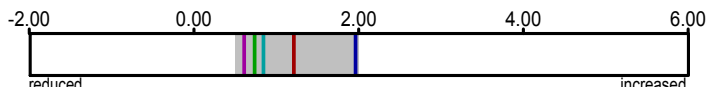
Rotation (fwd swing)



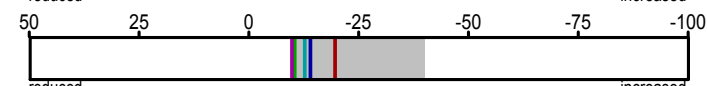
Rotation before Impact (inside 10 cm)



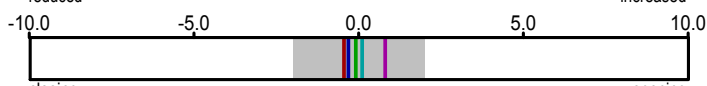
Rotation after impact (inside 10 cm)



Rotation rate at Impact



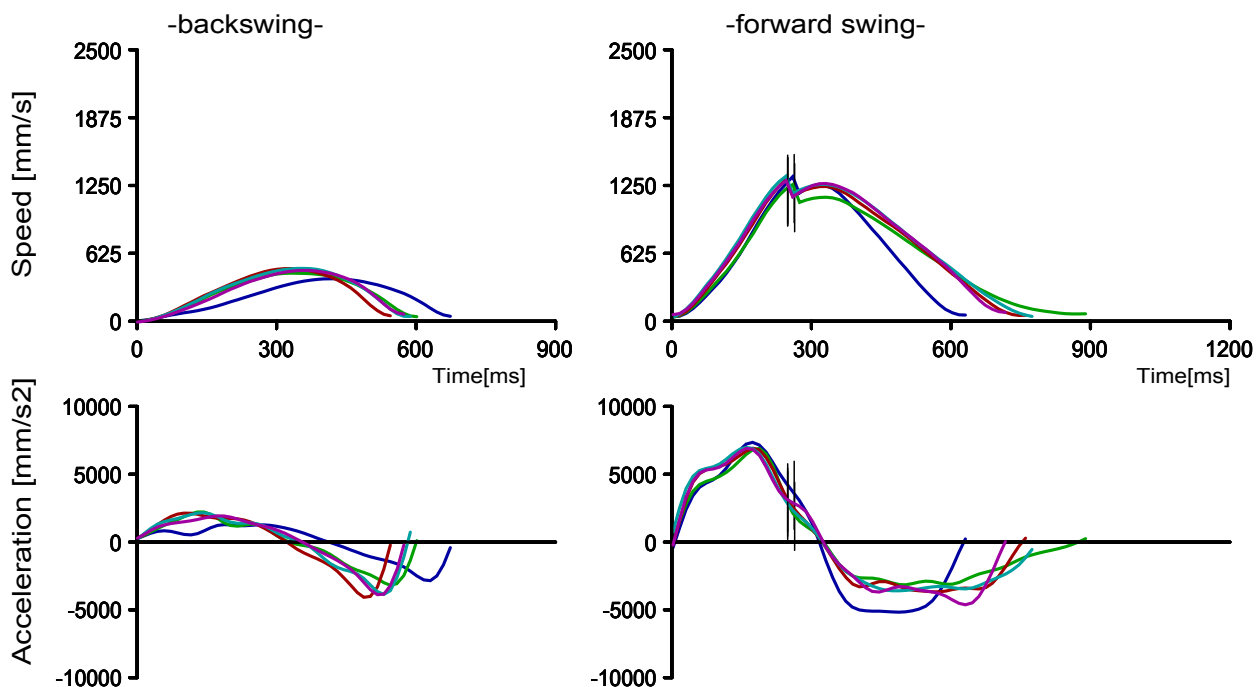
Rotation rel. to path





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Movement Dynamics



Timing

