



PROFESSIONAL GOLF EQUIPMENT AT DOWN TO EARTH PRICES

# ***What Impact Positions Can Tell You About Your Game***

with Jeff Summitt  
Technical Director, Hireko Golf

Thursday, September 29, 2011  
2-3PM Eastern Standard Time

Audio settings are set on listen only.  
Please post questions in the upper right hand corner Chat box.  
Question & Answer period will be at end of webinar.

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# What Impact Positions Can Tell You About Your Game

- Examine impact positions on the face and sole
- Understand the basic ball flight rules
- Look at certain clubhead specifications
- Watch your scores drop



# Clustering: The Good, the Bad and the Ugly

- ✦ Impact labels shows immediately where contact is made
- ✦ Impacts labels available for woods, irons and sole which can be peeled off and saved
- ✦ Markit is a spray applied to the face and will not influence ball flight and leaves no sticky residue on the face




DYNACRAFT  
MADE IN U.S.A.


Good impact patterns



Poor impact pattern

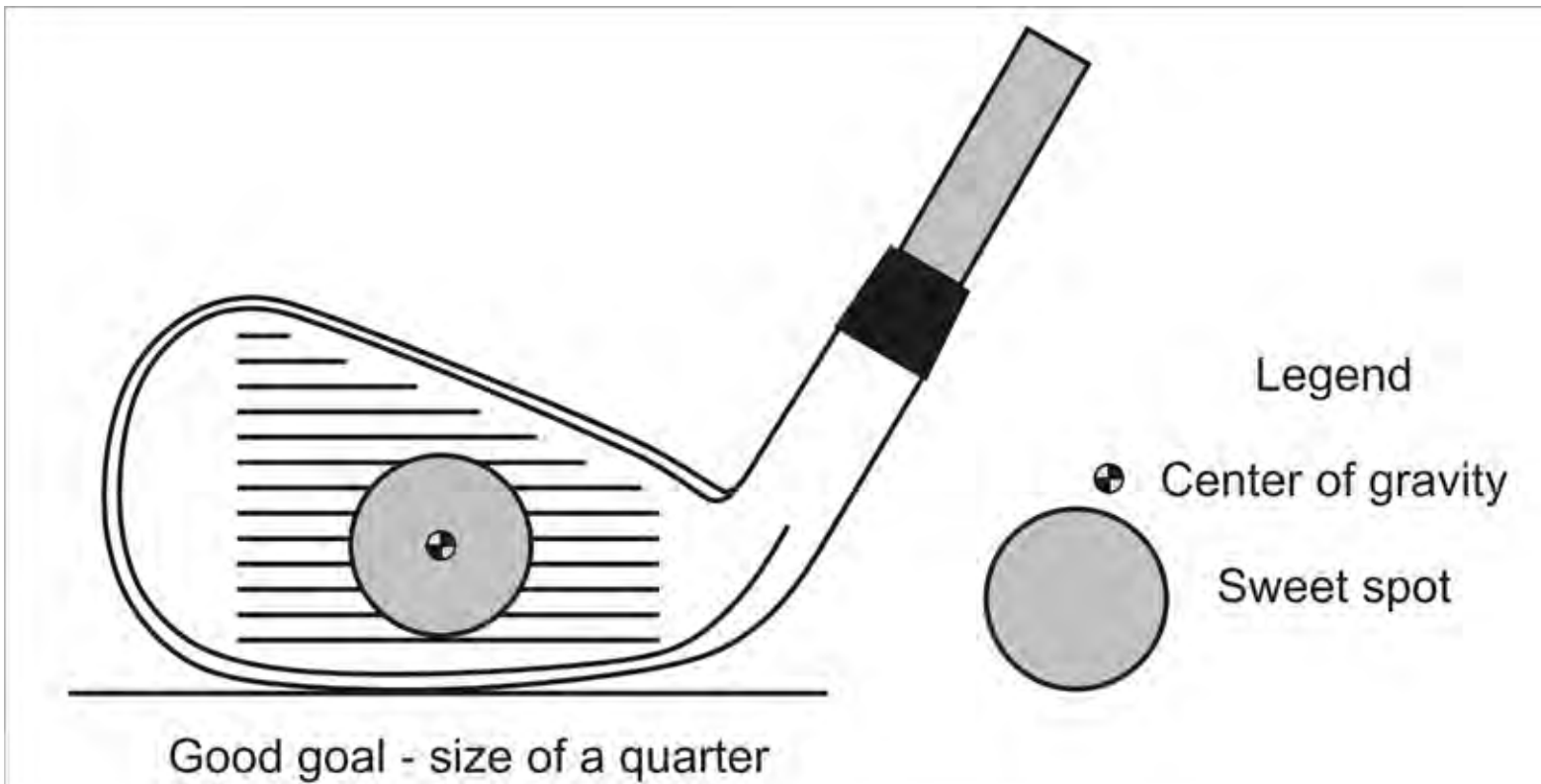


Impact Labels



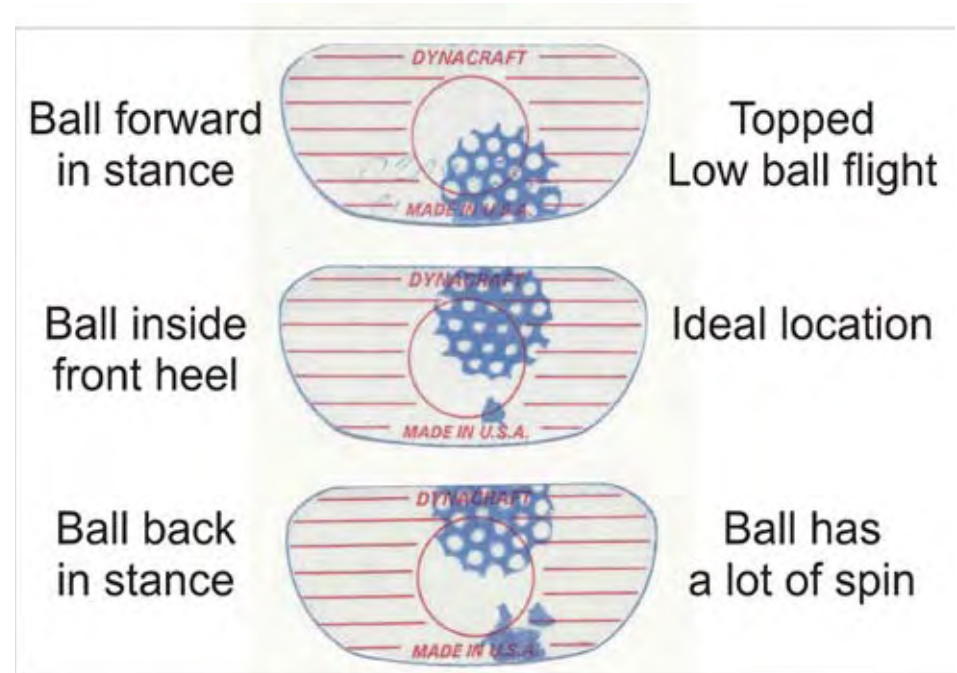
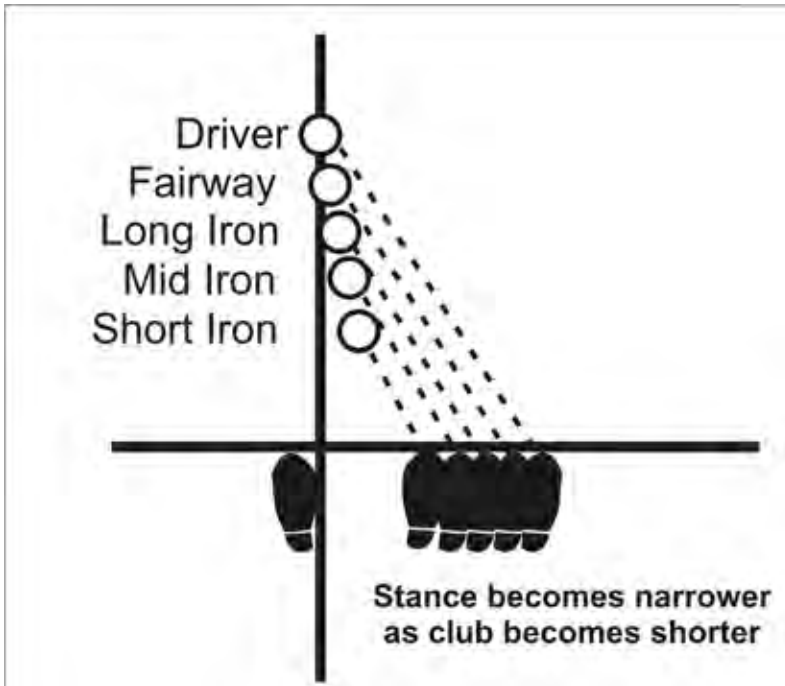
Markit  
Impact Spray

# “Sweet Spot”



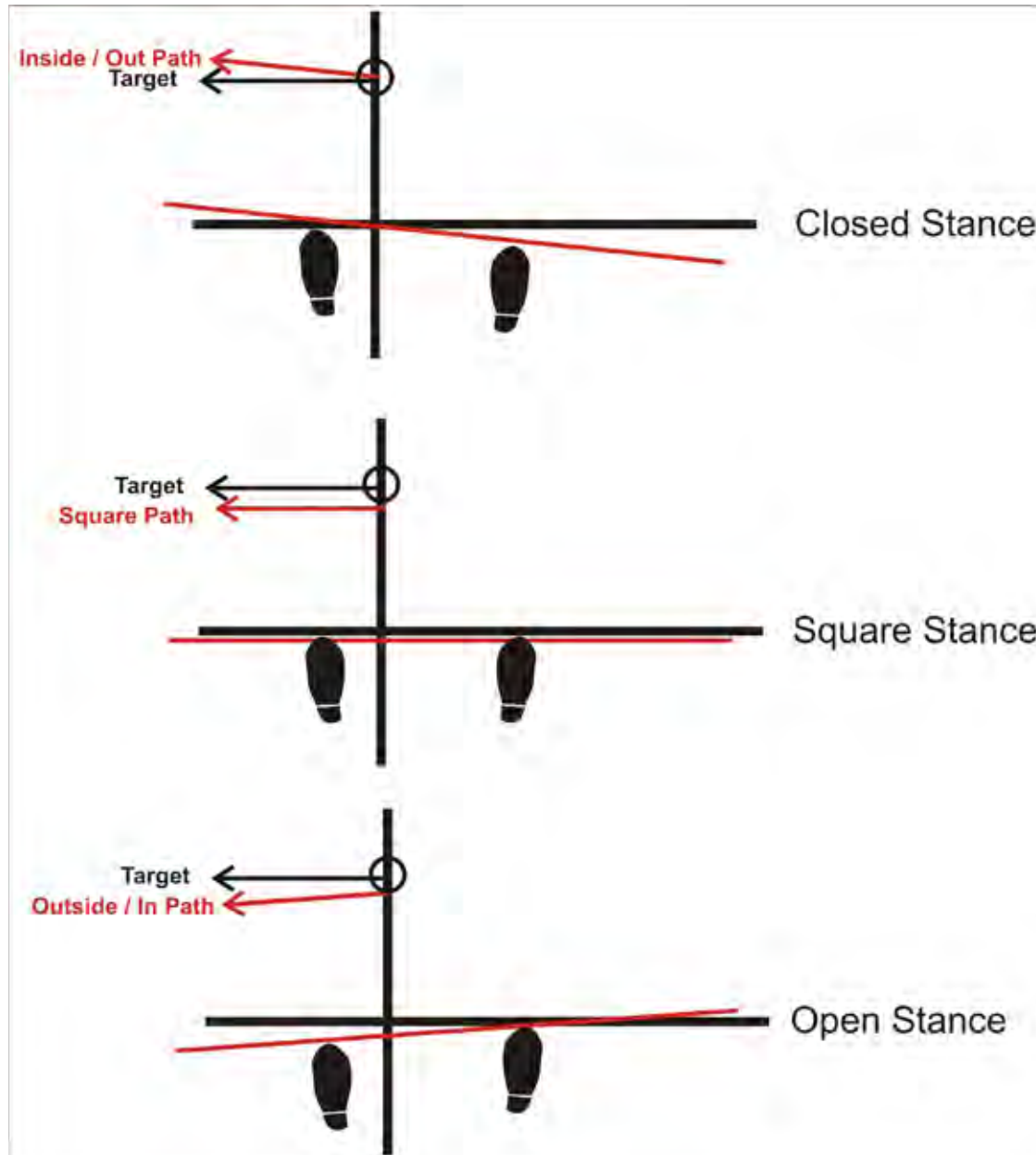
- ⤴ “Sweet spot” on an iron is at or near the center of the face around the 5<sup>th</sup> score line
- ⤴ “Sweet spot” on a wood is just above the center of the face and may be biased toward the heel

# Ball position

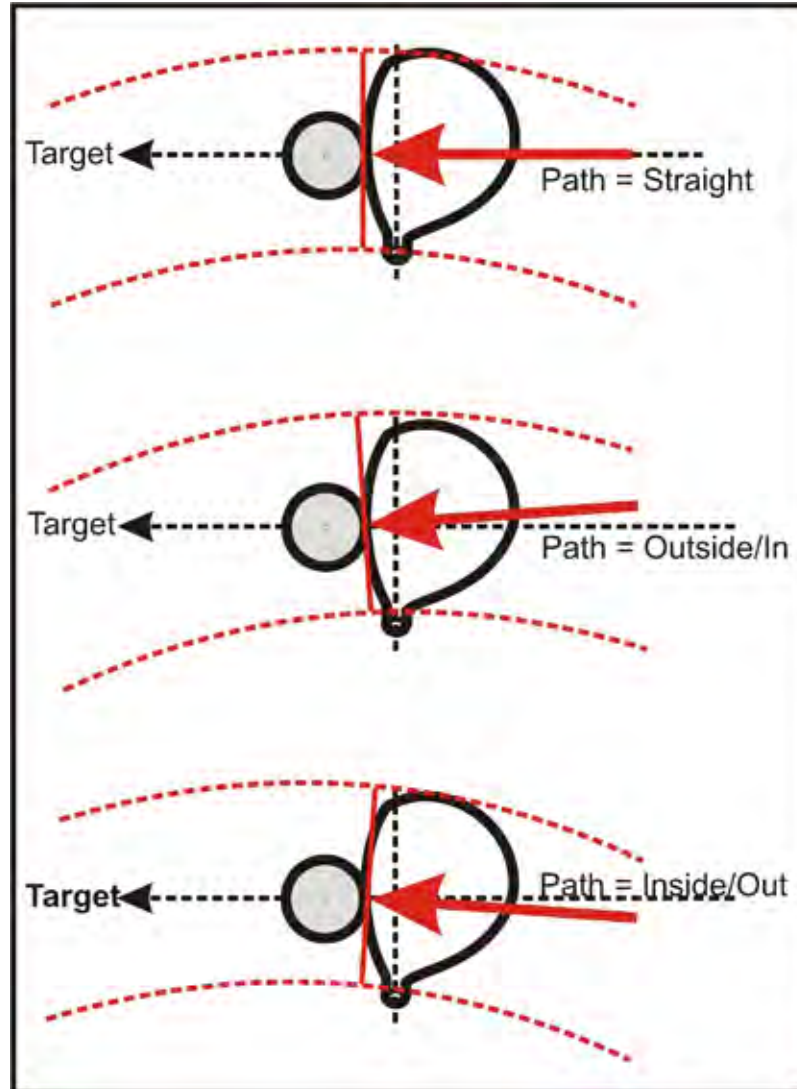


- Ball too far forward can cause the ball to be topped or a low trajectory in general
- Ball too far back caused the player to hit down on the ball, for a driver this can cause a pop up or excessive back spin

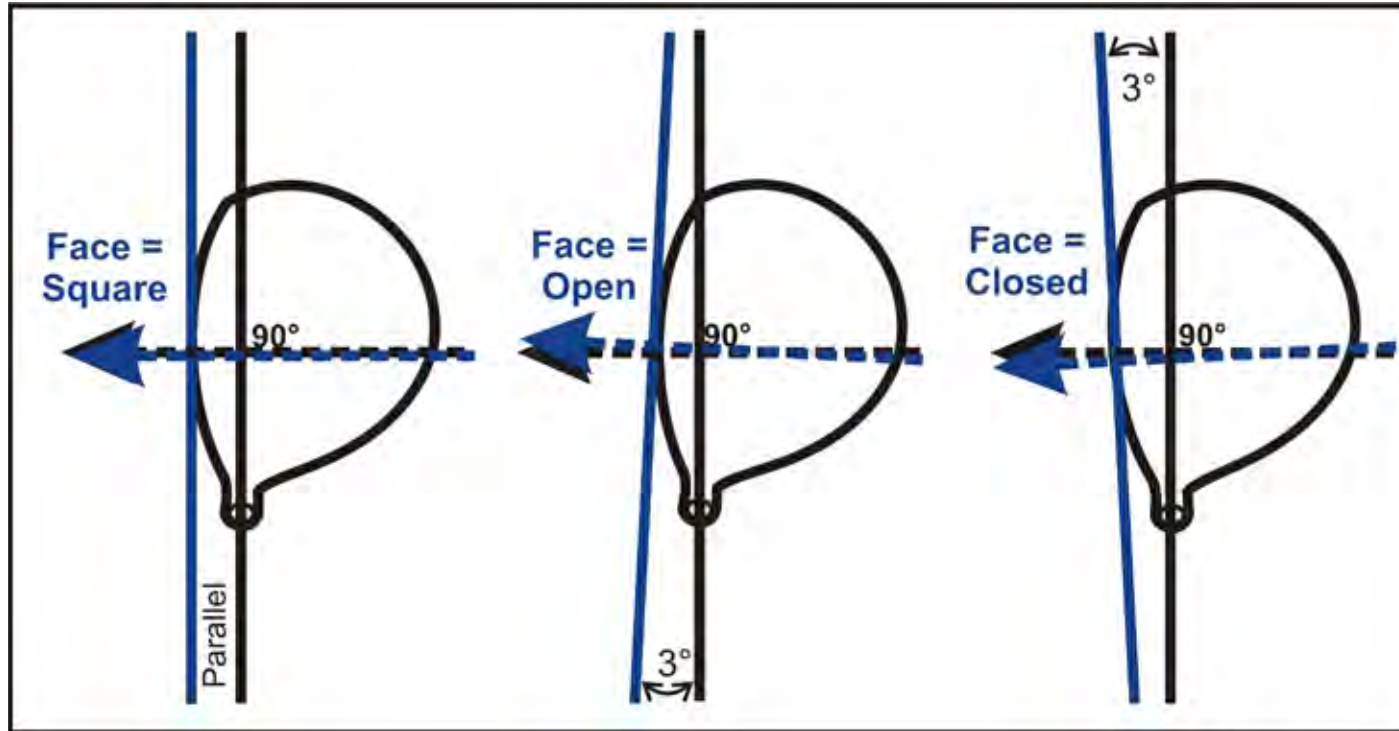
# Stance



# Path

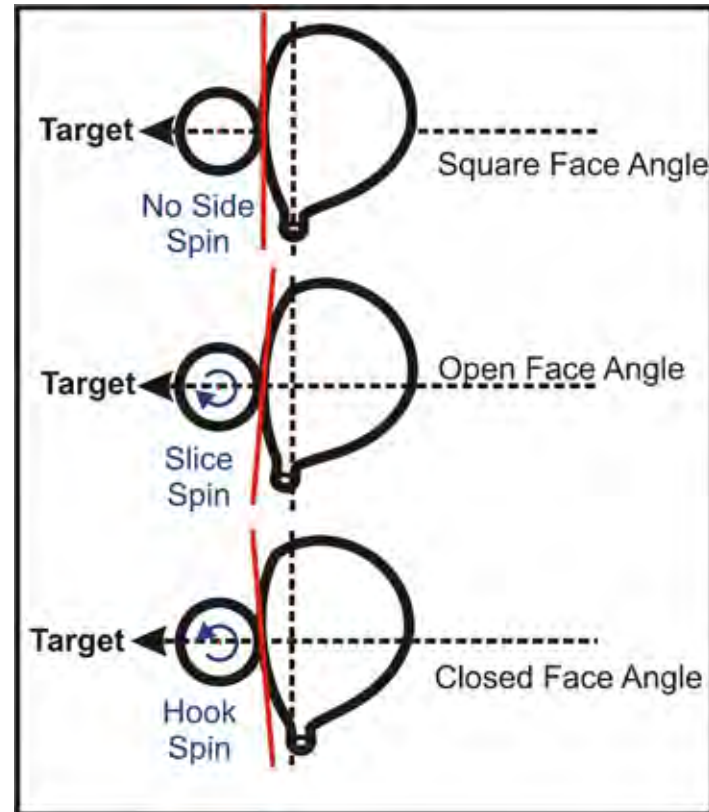


# Face angle



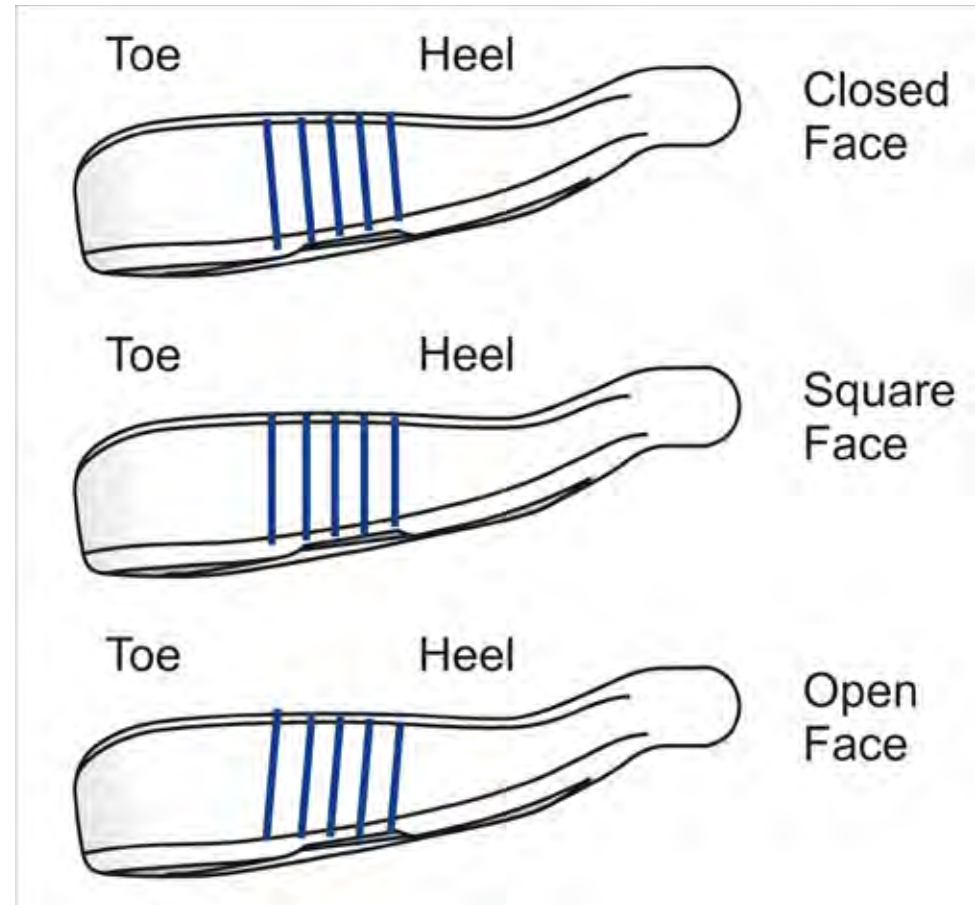
Face angle can be either square, open or closed relative to the target line

# Spin



A square face at impact produces no side spin. An open face at impact will create slice spin, while a closed face at impact will create hook spin.

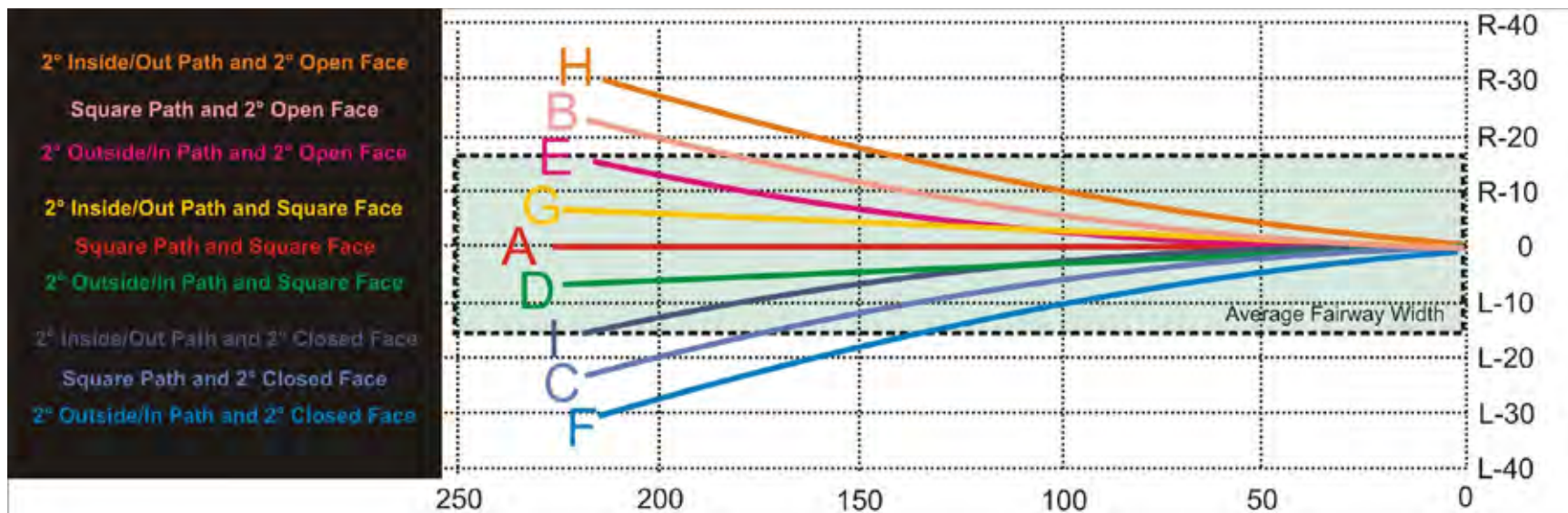
# Marks on the sole can indicate face angle



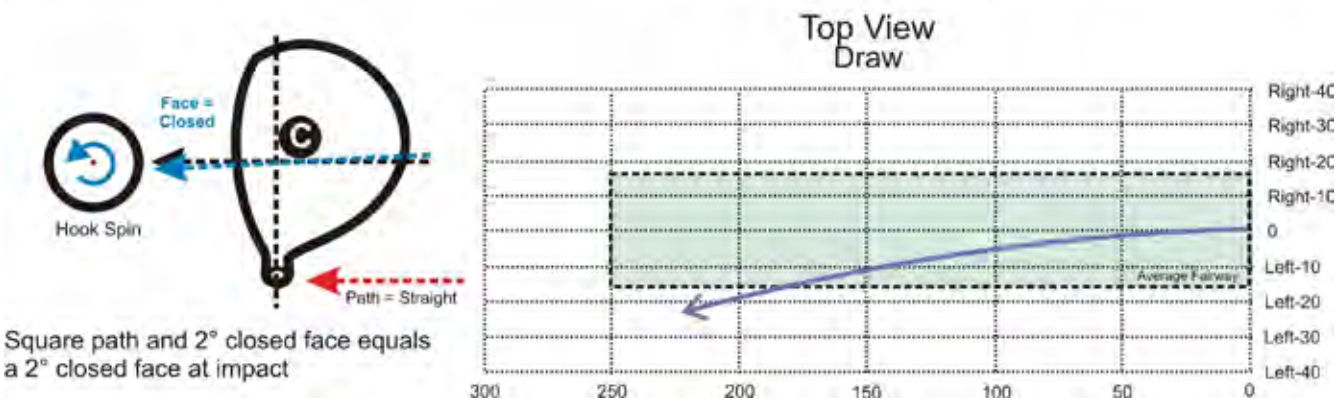
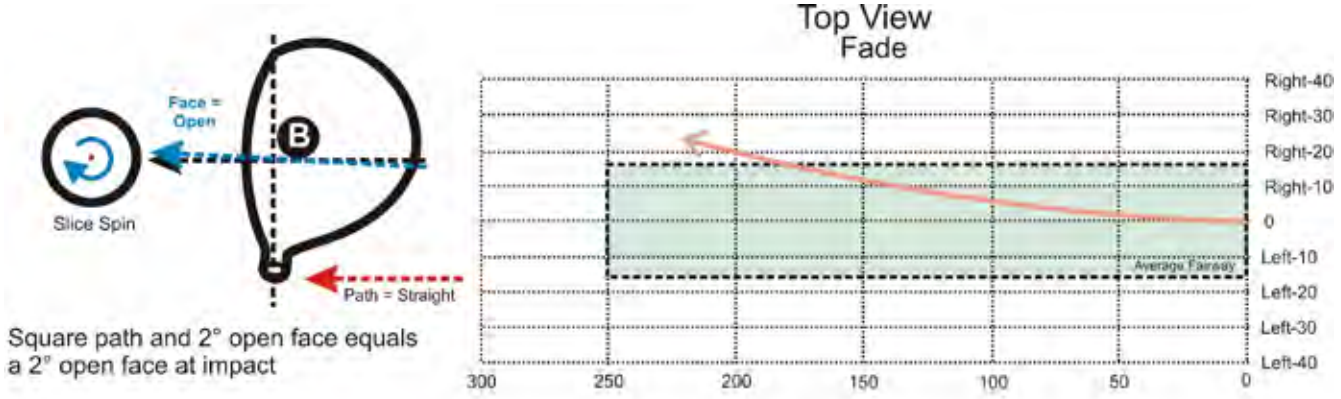
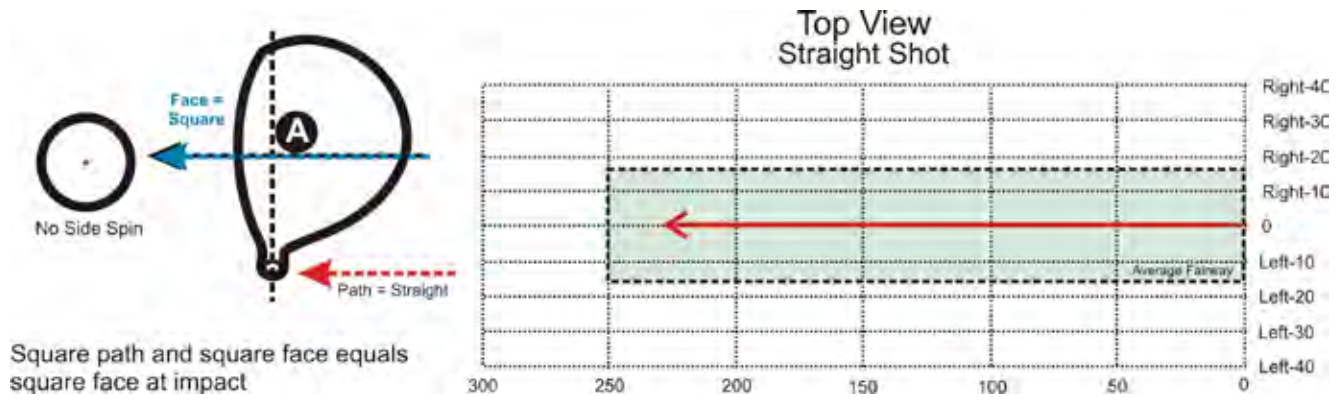
Observe brush marks on the sole to check primary face angle

# The 9 Ball Fight Patterns

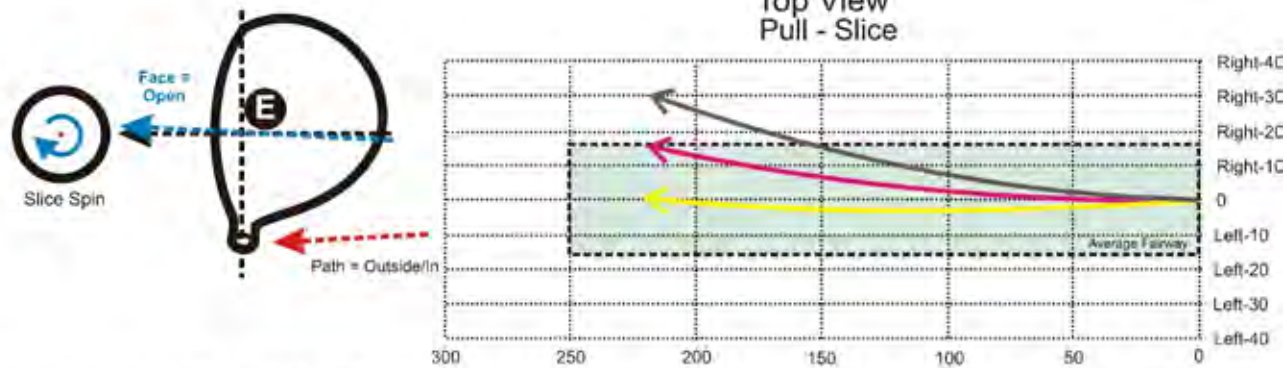
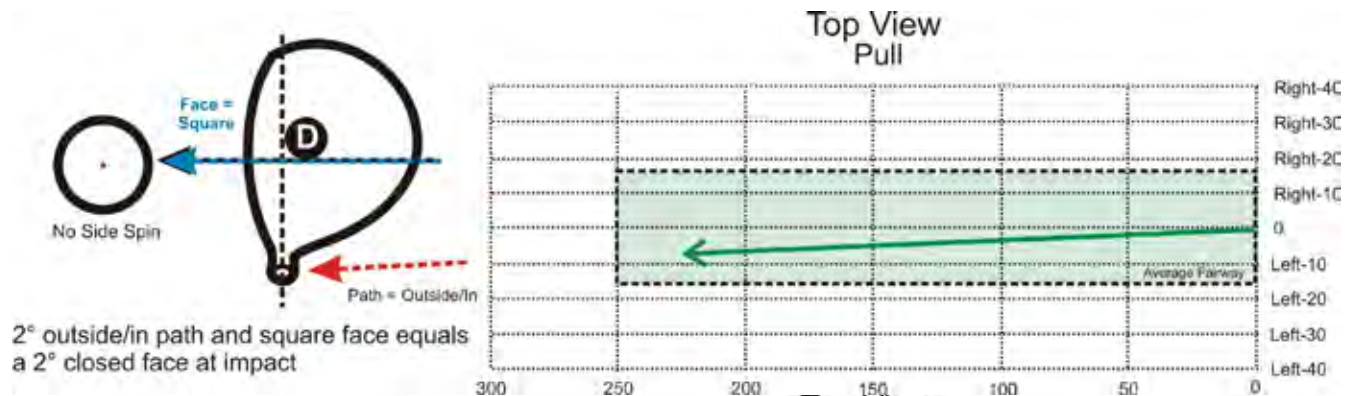
Diagram	Swing Path	Face Angle	Probable Ball Flight Pattern	Description
A	Square	Square	Straight with no side spin	Straight
B	Square	Open	Starts straight and goes right with slice spin	Fade
C	Square	Closed	Starts straight and goes left with hook spin	Draw
D	Outside/In	Square	Starts left with no side spin	Pull
E	Outside/In	Open	Starts a little left, slice spin	Pull - slice
F	Outside/In	Closed	Starts left with hook spin	Pull - hook
G	Inside/Out	Square	Starts right with no side spin	Push
H	Inside/Out	Open	Starts right with slice spin	Push - slice
I	Inside/Out	Closed	Starts a little right, hook spin	Push - hook



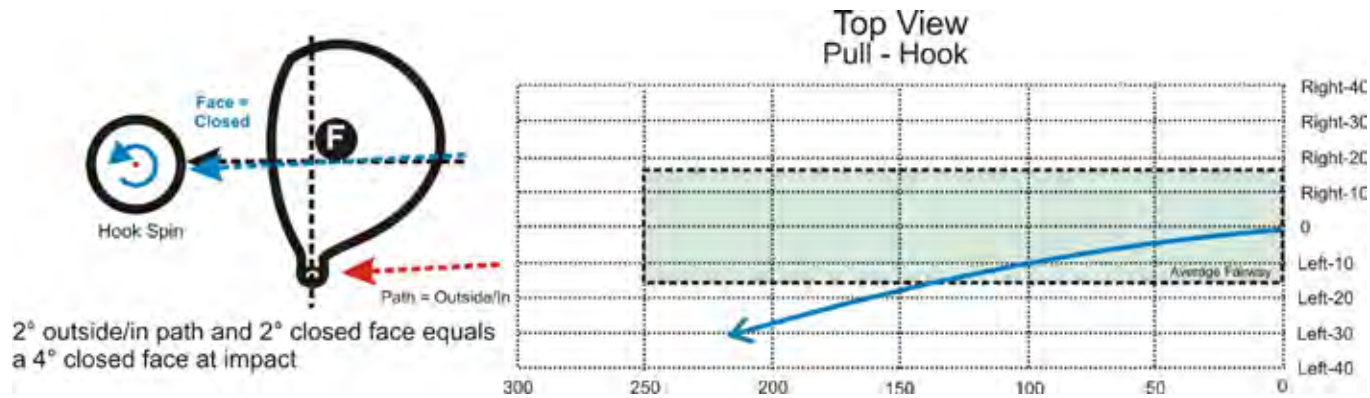
# Straight Path



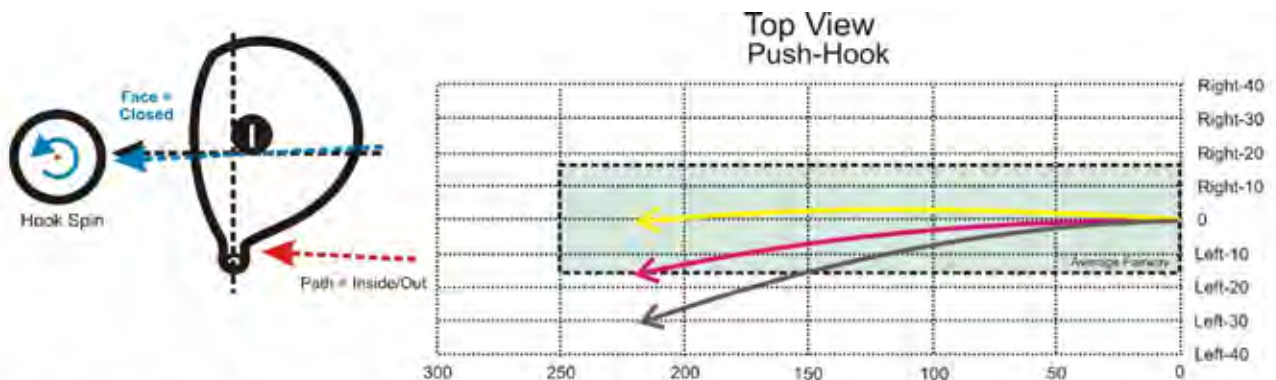
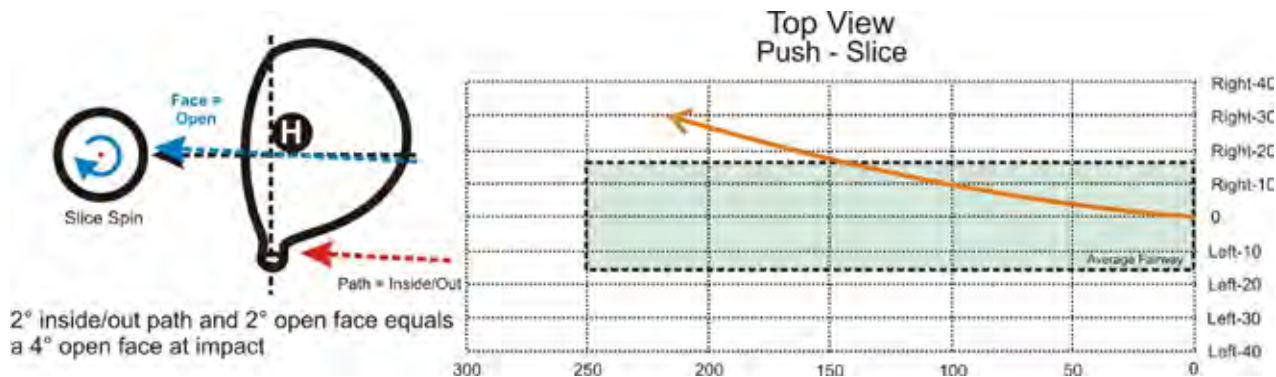
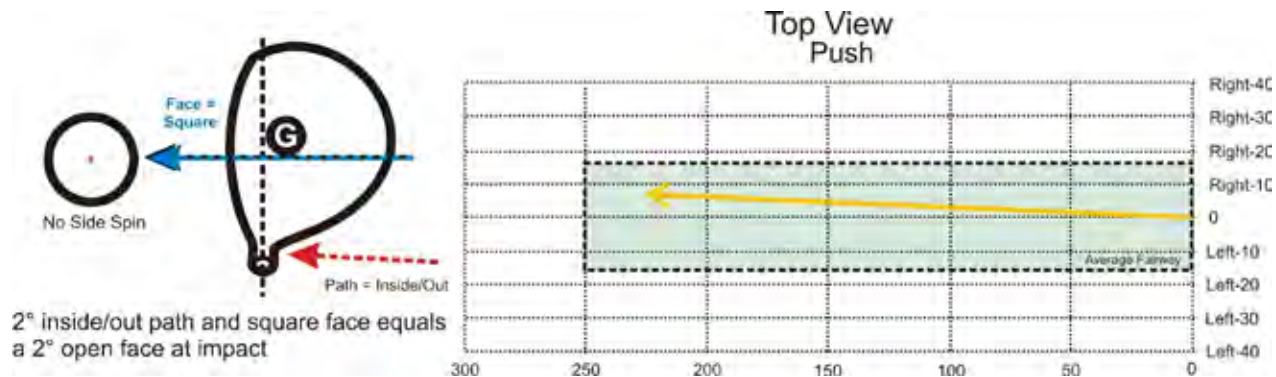
# Outside/In Path



Pink line represents a 2° outside/in path and 2° open face equals a square face at impact - this results into a pull slice.  
Yellow line represents a 3° outside in path and a 1° open face equals a 2° closed face at impact - this results into a pull slice.  
Charcoal line represents a 1° outside/in path and 3° open face equals a 2° open face at impact - this results into a push slice.



# Inside/Out Path



Pink line represents a 2° inside/out path and 2° closed face equals a square face at impact - this results into a push hook.  
 Yellow line represents a 3° inside/out path and a 1° closed face equals a 2° open face at impact - this results into a push hook.  
 Charcoal line represents a 1° inside/out path and 3° closed face equals a 2° closed face at impact - this results into a pull hook

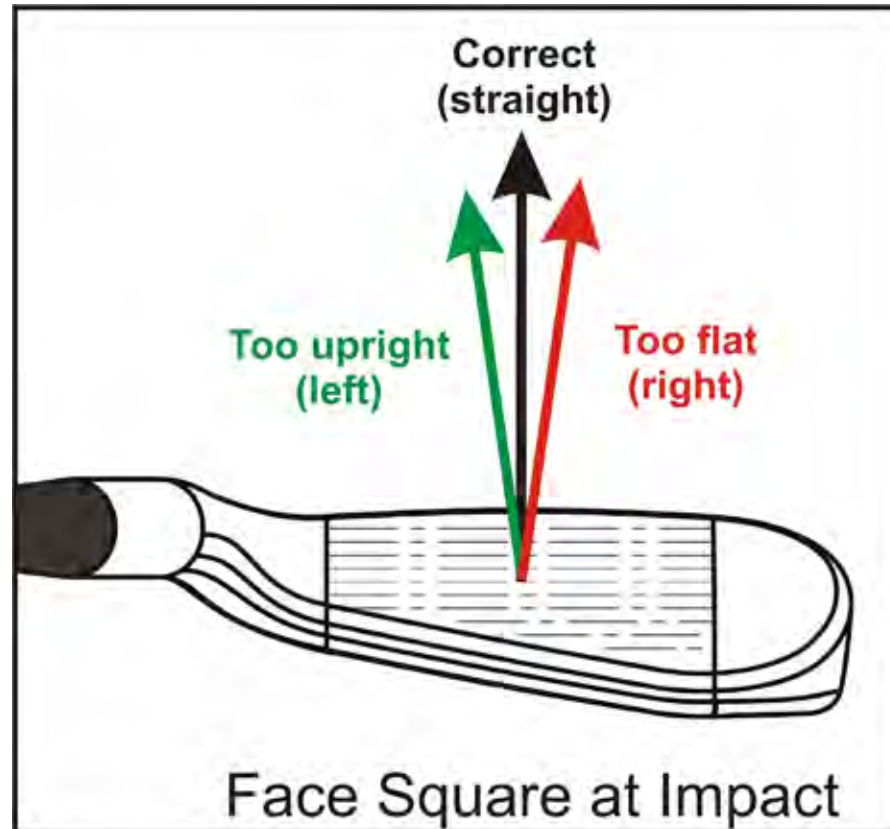
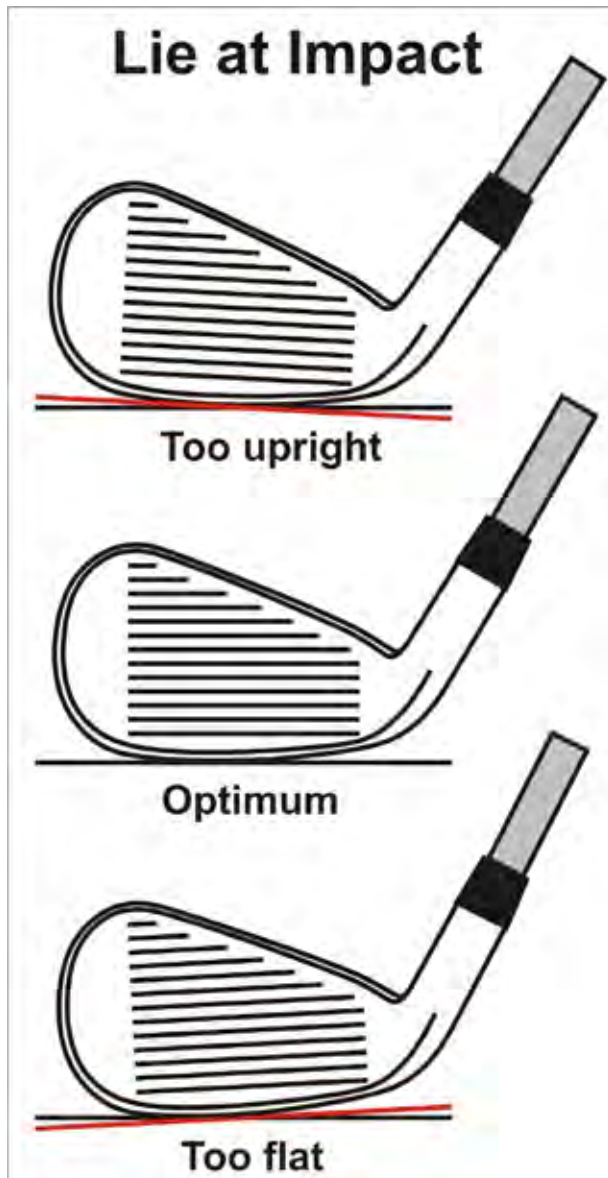
# Length



This was a result of gripping down on the club by 1”

Each person responds to length differently so it is important to experiment to find the length that produces the most consistent results

# Lie



# Driver Lie at Impact



Even at  $10^\circ$ , the dispersion error would only be 7 yards assuming a square path and square impact.

Most golfers hit a fade or slice, so for many this is a help.

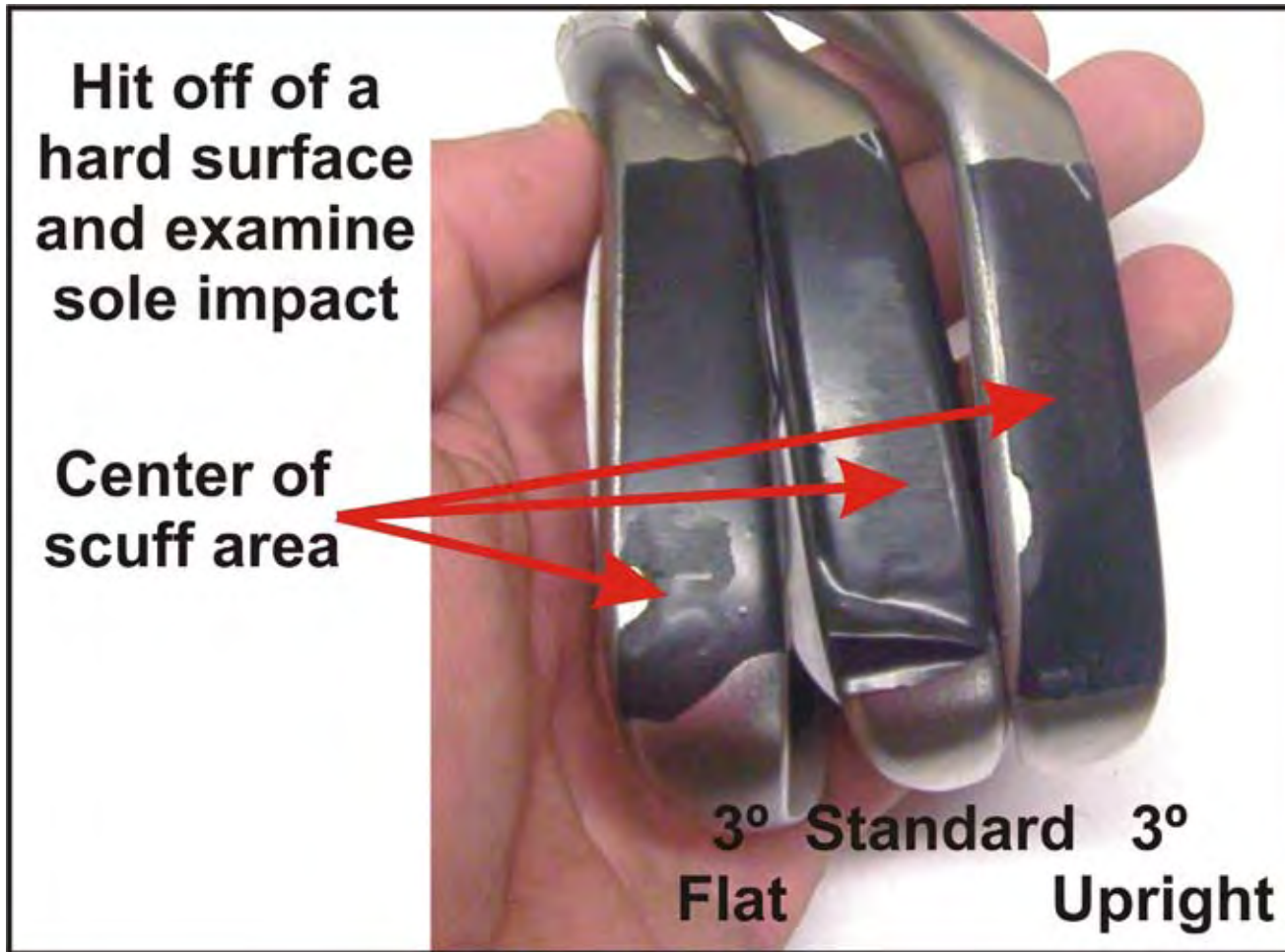
# Measuring Lie



Sole impact label and lie board

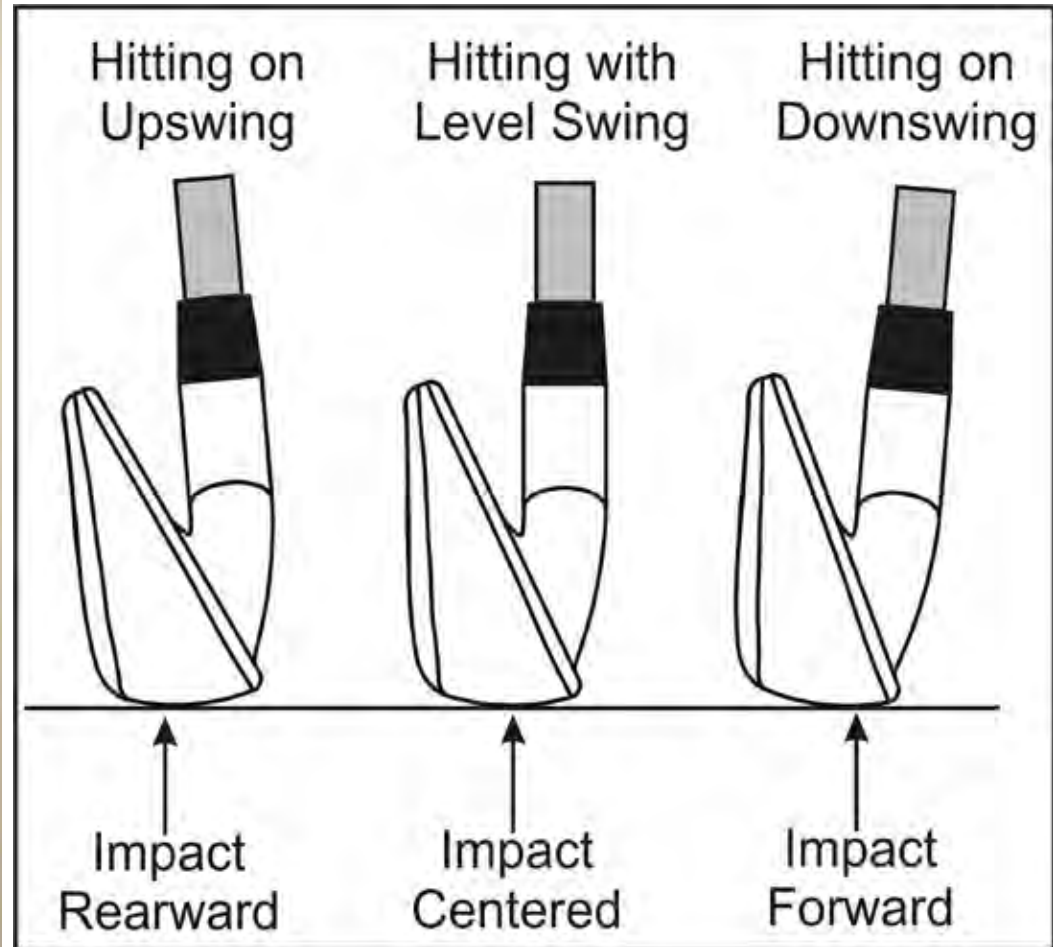


# Reading Sole Impacts

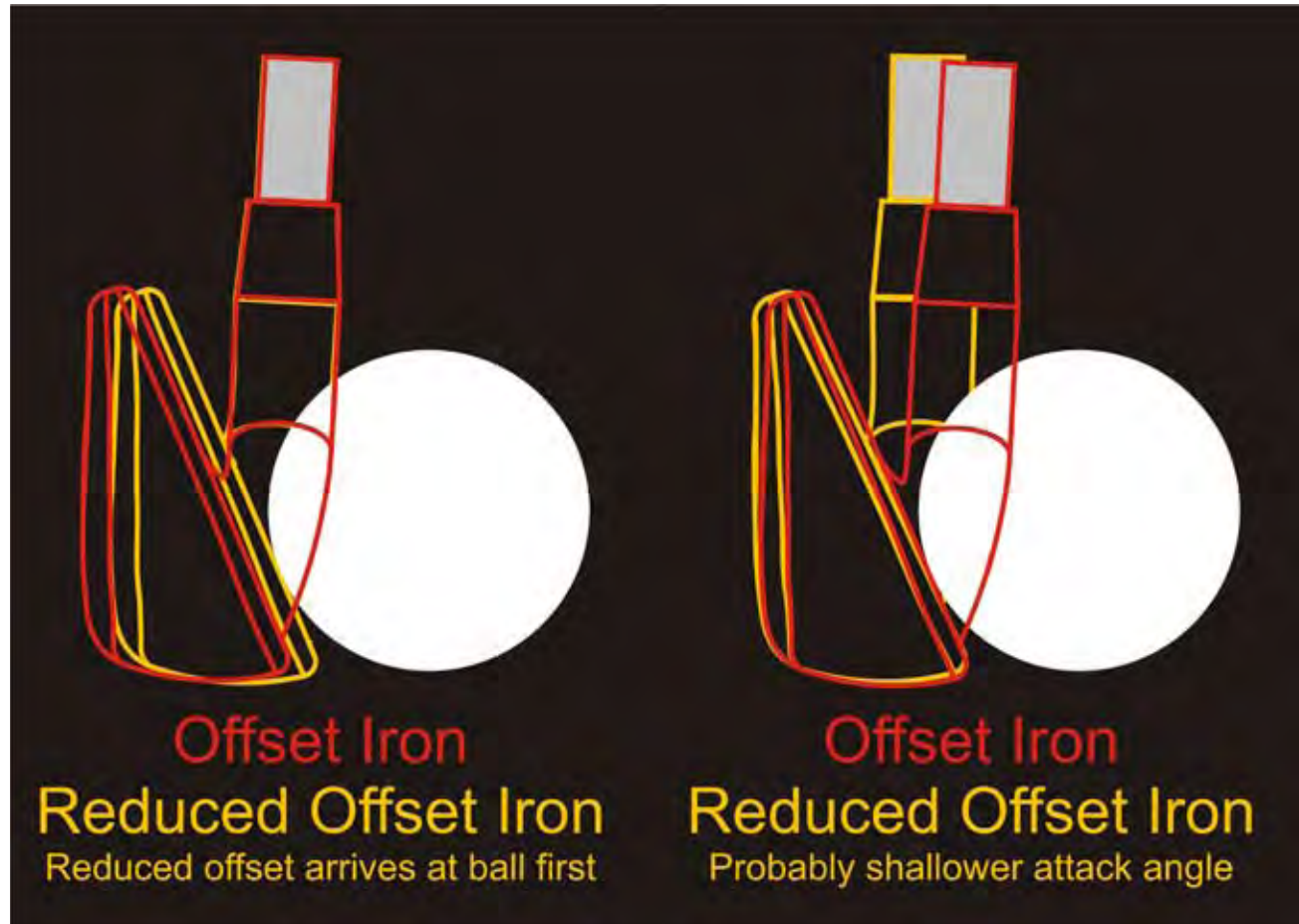


Pick the best combination of face and sole impacts

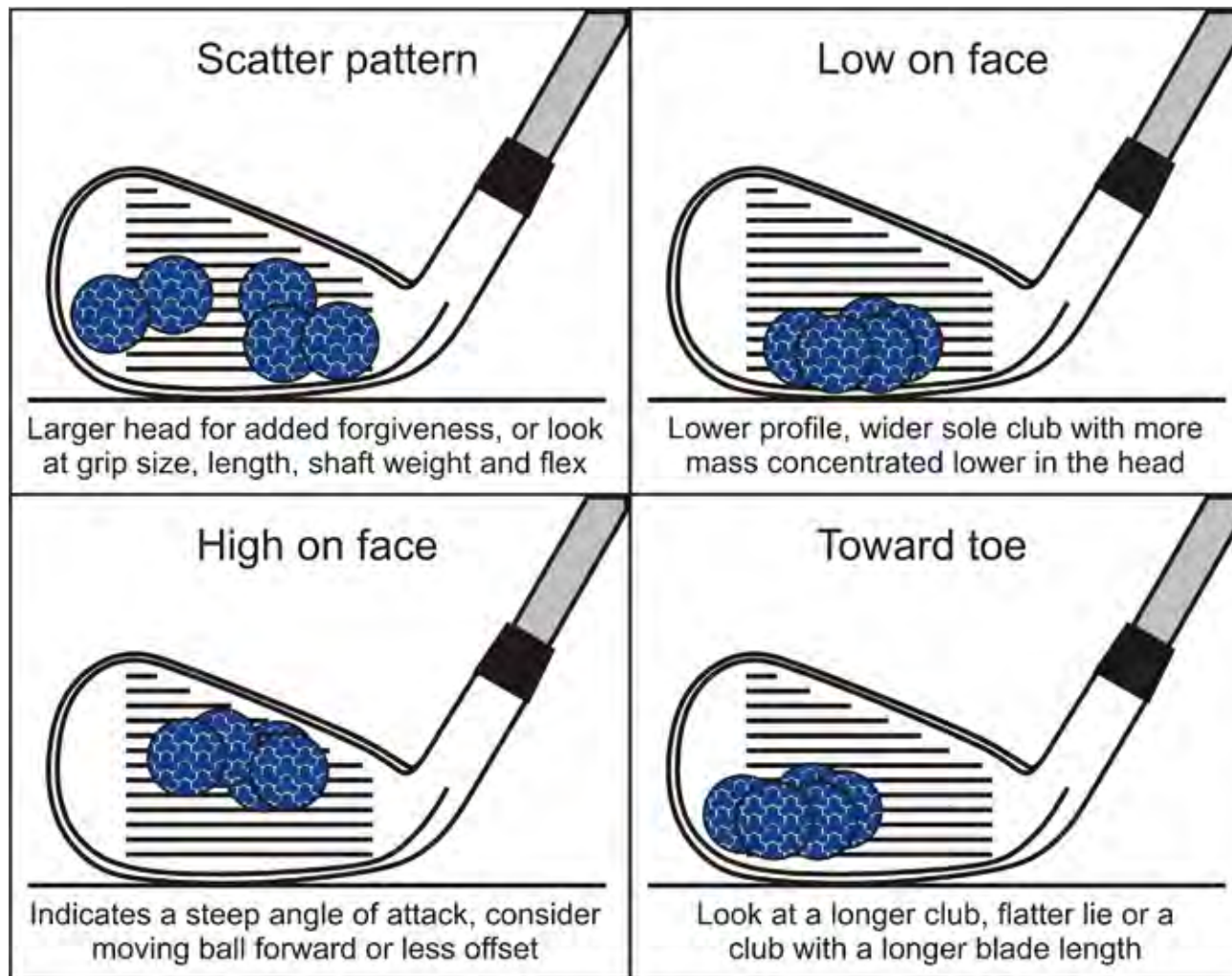
# Offset



# Offset at Impact



# Face Impacts



For opposite problems, just reverse the solution listed below



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A taped copy of the webinar will be available on  
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