

HOW TO FIT A HYBRID OR FAIRWAY METAL

Example Worksheet

Step 1

Here is all the information you need to gather to fit a proposed hybrid or fairway metal into your set of clubs.

- List the two clubs that you want to fit a hybrid or fairway metal "in-between".
SHORTER HITTING CLUB 5 Iron
LONGER HITTING CLUB 5 Fairway
- What is the yardage carry of both the shorter hitting club and the longer hitting club listed above?
SHORTER HITTING CLUB 160 YDS.
LONGER HITTING CLUB 190 YDS.
- What is the club length and the loft angle of the shorter hitting club only?
CLUB LENGTH 38" LOFT ANGLE 27°
- What is the club length and the loft angle for the proposed "in-between" hybrid or fairway metal?
CLUB LENGTH 39" LOFT ANGLE 23°

EXPLANATION FOR EXAMPLE WORKSHEET

In this example it happens to work out that the 4H hybrid actually replaces the 4 iron and fills in the gap between the 5 fairway metal and the 5 iron. This does not always happen because manufacturers' specifications vary somewhat regarding loft angles and club lengths. Also, keep in mind that your set of clubs may have custom club lengths, either shorter or longer than standard. In this example, particularly notice the length difference of 1" between the shortest hitting club and the proposed 4H hybrid where 1/2" equals 5 yards, so the 1" difference here equals 10 yards. Also notice the loft difference of these two clubs to be 4 degrees. Every 4 degrees equals 5 yards, so we have a 5 yard difference. If we add up the 10 yards for club length difference and the 5 yards for loft angle difference we get 15 yards total difference in distance between the two clubs. This fits nicely "in-between" our 5 iron and 5 fairway metal.

Step 4 Fill-in your new set make-up and yardage for reference

	CLUB CATEGORY & NUMBER	DISTANCE HIT	YARDAGE DIFFERENCE
CURRENT SHORTER HITTING CLUB	<u>5 Iron</u>	<u>160</u> YDS.	
PROPOSED "IN-BETWEEN" CLUB	<u>4 H (Hybrid)</u>	<u>175</u> YDS.	> <u>15</u> YDS.
CURRENT LONGER HITTING CLUB	<u>5 Fairway</u>	<u>190</u> YDS.	> <u>15</u> YDS.

Step 2

How to find the yardage needed for the proposed "in-between" club.

	CLUB CATEGORY & NUMBER	DISTANCE HIT	2 - 1 YARDAGE DIFFERENCE	1/2 YARDAGE DIFFERENCE	SHORTER HITTING CLUB DISTANCE	1 + 3 1/2 YARDAGE DIFFERENCE	DISTANCE NEEDED FOR "IN-BETWEEN" CLUB
CURRENT SHORTER HITTING CLUB	<u>5 Iron</u>	<u>160</u> YDS.					
CURRENT LONGER HITTING CLUB	<u>5 Fairway</u>	<u>190</u> YDS.	> <u>30</u> YDS.	<u>15</u> YDS.	SO: <u>160</u> YDS.	+ <u>15</u> YDS.	= <u>175</u> YDS.

Step 3

How to check the proposed "in-between" club for yardage using loft angle and club length.

	CLUB CATEGORY & NUMBER	CLUB LENGTH	CLUB LENGTH DIFF.	MULTIPLIER FACTOR	ADDITIONAL YARDS FROM CLUB LENGTH	LOFT ANGLE	LOFT ANGLE DIFF.	MULTIPLIER FACTOR	ADDITIONAL YARDS FROM LOFT ANGLE
CURRENT SHORTER HITTING CLUB	<u>5 Iron</u>	<u>38</u> "				<u>27</u> °			
PROPOSED "IN-BETWEEN" CLUB	<u>4 H (Hybrid)</u>	<u>39</u> "	> <u>1</u> "	$\div 1/2 = 2$	$\times 5 \text{ YDS.} = 10$ YDS.	<u>23</u> °	> <u>4</u> °	$\div 4 = 1$	$\times 5 \text{ YDS.} = 5$ YDS.
					<u>10</u> YDS.			<u>5</u> YDS.	<u>15</u> YDS. DIFFERENCE

The Yardage Distance above is the distance the proposed "in-between" club will hit longer than the current shorter hitting club.