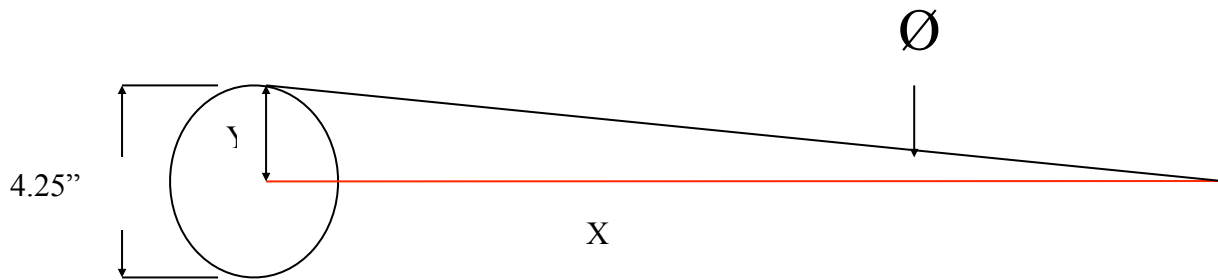


## To Hole a Putt

A putting cup is 4 ¼ inches in diameter, therefore for any golfer to hole a putt they must return the clubface of the putter to within a certain degree of accuracy from the zero line of a putt.



The hole is 4.25" in diameter, therefore to hole a putt the ball must not deviate more than 2.125" (Y) from the Zero line (Red). If 'X' is the length of putt then the following equation can be worked out to find the degrees required to hole the putt.

$$\tan\theta = Y/X, \text{ with } Y = 2 \text{ (i.e less than 2.125)}$$

$$1 \text{ foot putt} = 2"/12" = 0.166 = 9.46 \text{ deg}$$

Putt Length	Clubface Deviation
1 foot putt	9.46 deg
2 foot putt	4.76 deg
3 foot putt	3.18 deg
4 foot putt	2.39 deg
5 foot putt	1.91 deg
6 foot putt	1.59 deg
7 foot putt	1.36 deg
8 foot putt	1.19 deg
9 foot putt	1.06 deg
10 foot putt	0.95 deg
15 foot putt	0.64 deg
20 foot putt	0.48 deg
25 foot putt	0.38 deg

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