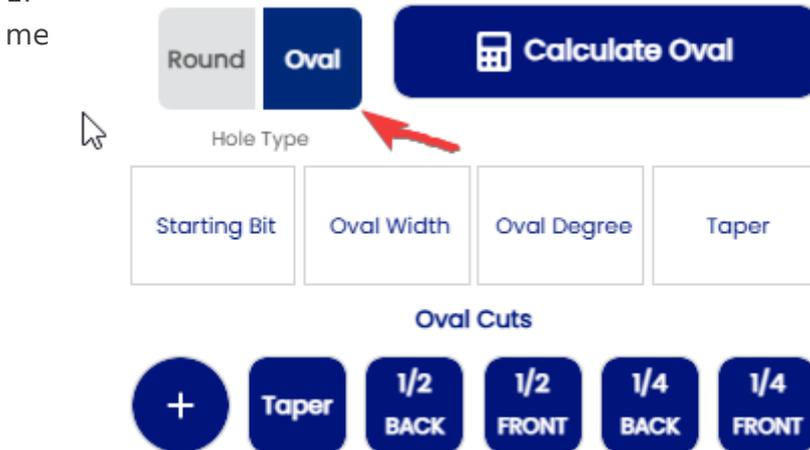


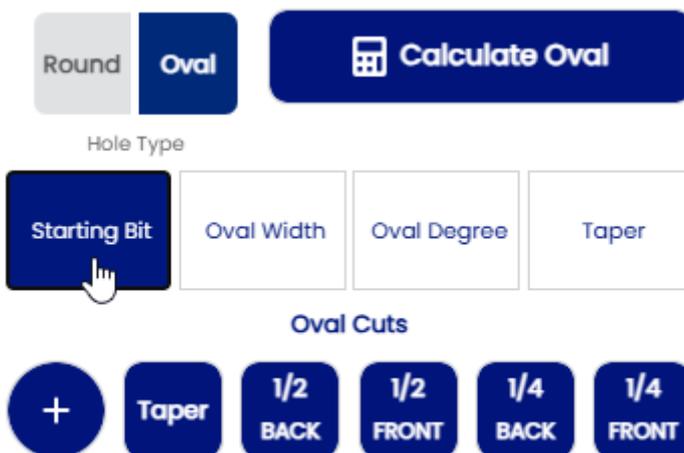
How to input the thumb oval information.

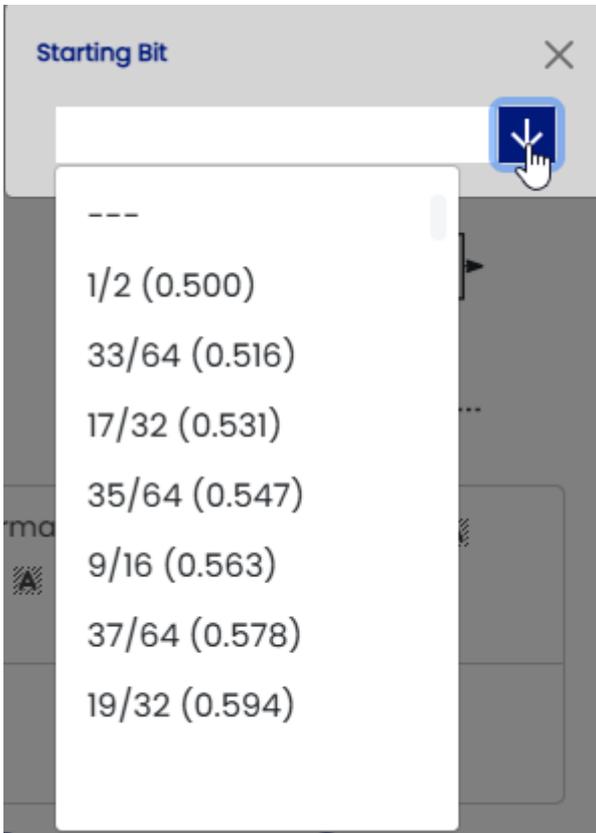
1. The type of thumb information is found on this section of the spec sheet . To proceed to be in dark blue .



ex:

The starting bit is the the drill bit you use to make the oval thumb. When you size is selected you wrote on the Starting bit section





WI

Round **Oval** **Calculate Oval**

Hole Type

Starting Bit 33/64	Oval Width	Oval Degree	Taper
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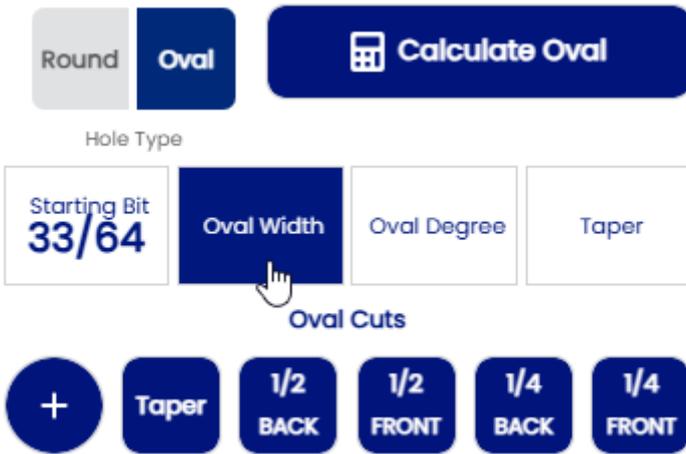
Oval Cuts

+ **Taper** **1/2 BACK** **1/2 FRONT** **1/4 BACK** **1/4 FRONT**

bit section.

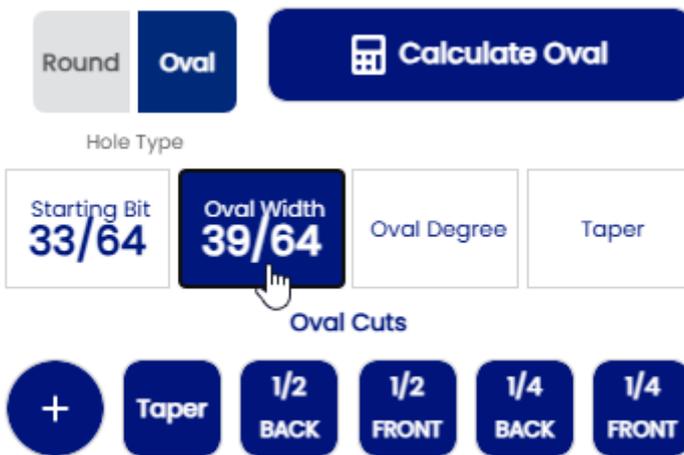
ex

The next step is to find to oval width of the thumbs . When the oval width is found , the click the oval width section .



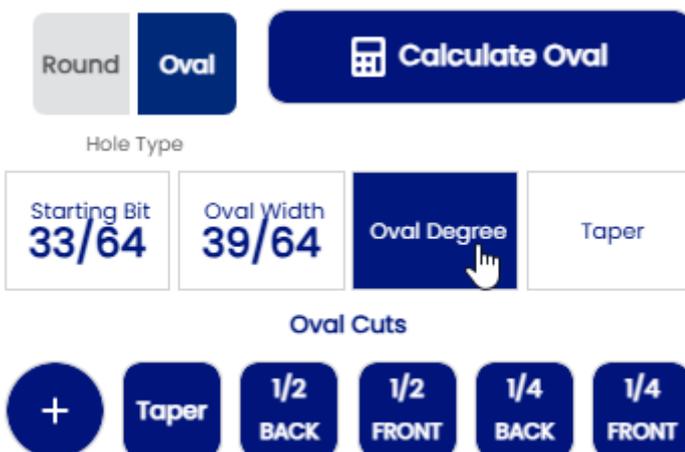
Processing is the same as the starting bit section . When the oval width is selected then write in the oval width section

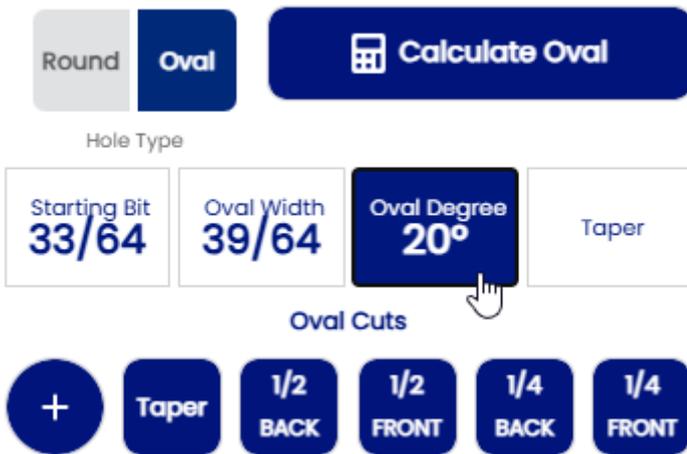
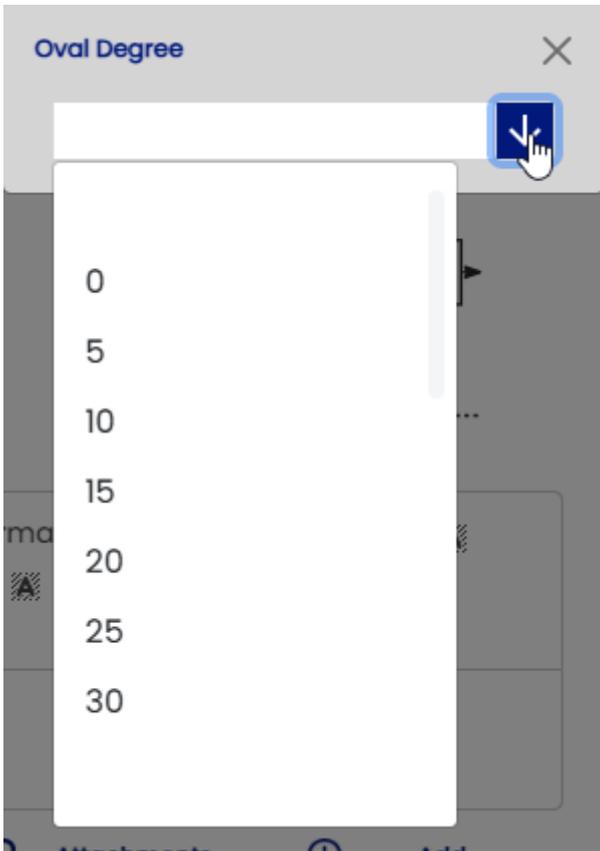
EX:



The oval degree is the next step . When your oval degree is found, then you click on Oval Degree section

EX:





The Taper is the final step of the thumb information . The taper information must be indicated on Taper section

EX:

Round **Oval** **Calculate Oval**

Hole Type

Starting Bit **33/64** Oval Width **39/64** Oval Degree **20°** **Taper**

Oval Cuts

+ **Taper** **1/2 BACK** **1/2 FRONT** **1/4 BACK** **1/4 FRONT**

Taper Size ×

↓

- 37/64 (0.578)
- 19/32 (0.594)
- 39/64 (0.609)
- 5/8 (0.625)**
- 41/64 (0.641)
- 21/32 (0.656)
- 43/64 (0.672)
- 11/16 (0.688)

Round **Oval** **Calculate Oval**

Hole Type

Starting Bit **33/64** Oval Width **39/64** Oval Degree **20°** **Taper**
5/8

Oval Cuts

+ **Taper** **1/2 BACK** **1/2 FRONT** **1/4 BACK** **1/4 FRONT**

When all information on your thumb is completed. Click on "Calculate Oval" in order to find all your cut necessary to produce you thumb. That will give automatically your cut to do !

EX:

Hole Type

Starting Bit **33/64** Oval Width **39/64** Oval Degree **20°** Taper **5/8**

Oval Cuts

Round **Oval** Calculate Oval

Hole Type

Starting Bit **33/64** Oval Width **39/64** Oval Degree **20°** Taper **5/8**

Oval Cuts

1 V: 0.016 H: 0.044 2 V: 0.005 H: 0.015 3 V: -0.005 H: -0.015

4 V: -0.016 H: -0.044

Click on "Taper button to add the cut necessary to do the taper if taper is indicated . The cut will be mentioned 1/2 cut

EX:

Round **Oval** **Calculate Oval**

Hole Type

Starting Bit 33/64	Oval Width 39/64	Oval Degree 20°	Taper 5/8
------------------------------	----------------------------	---------------------------	---------------------

Oval Cuts

+ **Taper** **1/2 BACK** **1/2 FRONT** **1/4 BACK** **1/4 FRONT**

1 V: 0.016 H: 0.044	2 V: 0.005 H: 0.015	3 V: -0.005 H: -0.015
4 V: -0.016 H: -0.044	½ V: 0.000 H: 0.000	

Some bowlers may have some bumps above their thumb . If they have , click on 1/2 back , 1/2 front , 1/4 back , 1/4 front section to add some cut necessary in order to produce the thumb properly .All those section are optional !!!

EX:

Round **Oval** **Calculate Oval**

Hole Type

Starting Bit 33/64	Oval Width 39/64	Oval Degree 20°	Taper 5/8
------------------------------	----------------------------	---------------------------	---------------------

Oval Cuts

+ **Taper** **1/2 BACK** **1/2 FRONT** **1/4 BACK** **1/4 FRONT**

1 V: 0.016 H: 0.044	2 V: 0.005 H: 0.015	3 V: -0.005 H: -0.015
4 V: -0.016 H: -0.044	½ V: 0.000 H: 0.000	

Round

Oval

 Calculate Oval

Hole Type

Starting Bit
33/64

Oval Width
39/64

Oval Degree
20°

Taper
5/8

Oval Cuts

+

Taper

1/2

BACK

1/2

FRONT

1/4

BACK

1/4

FRONT

1 V: 0.016
H: 0.044

2 V: 0.005
H: 0.015

3 V: -0.005
H: -0.015

4 V: -0.016
H: -0.044

1/2 V: 0.000
H: 0.000

1/2
Back V: -0.016
H: 0.000

Revision #4

Created 27 May 2025 13:35:09 by JP Côté

Updated 27 May 2025 14:51:16 by JP Côté