

NICKEL ALLOY / SUPERALLOY

# WEIGHT CALCULATOR

This tool is used for weight calculation of nickel alloy / superalloy **pipes, bars and sheets**. Materials include most of the commonly used **Monel, Inconel, Incoloy and Hastelloy** alloys.

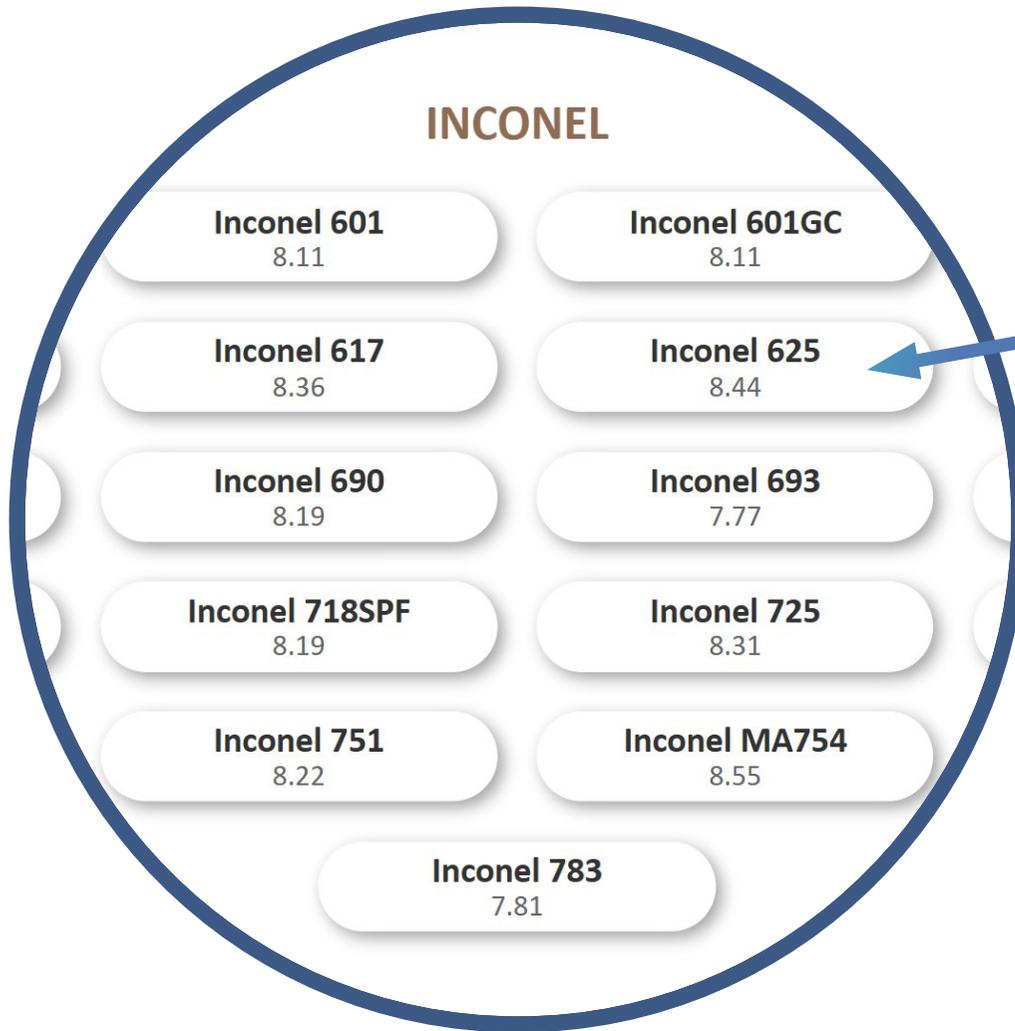


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Open Weight Calculator Now

USER GUIDE



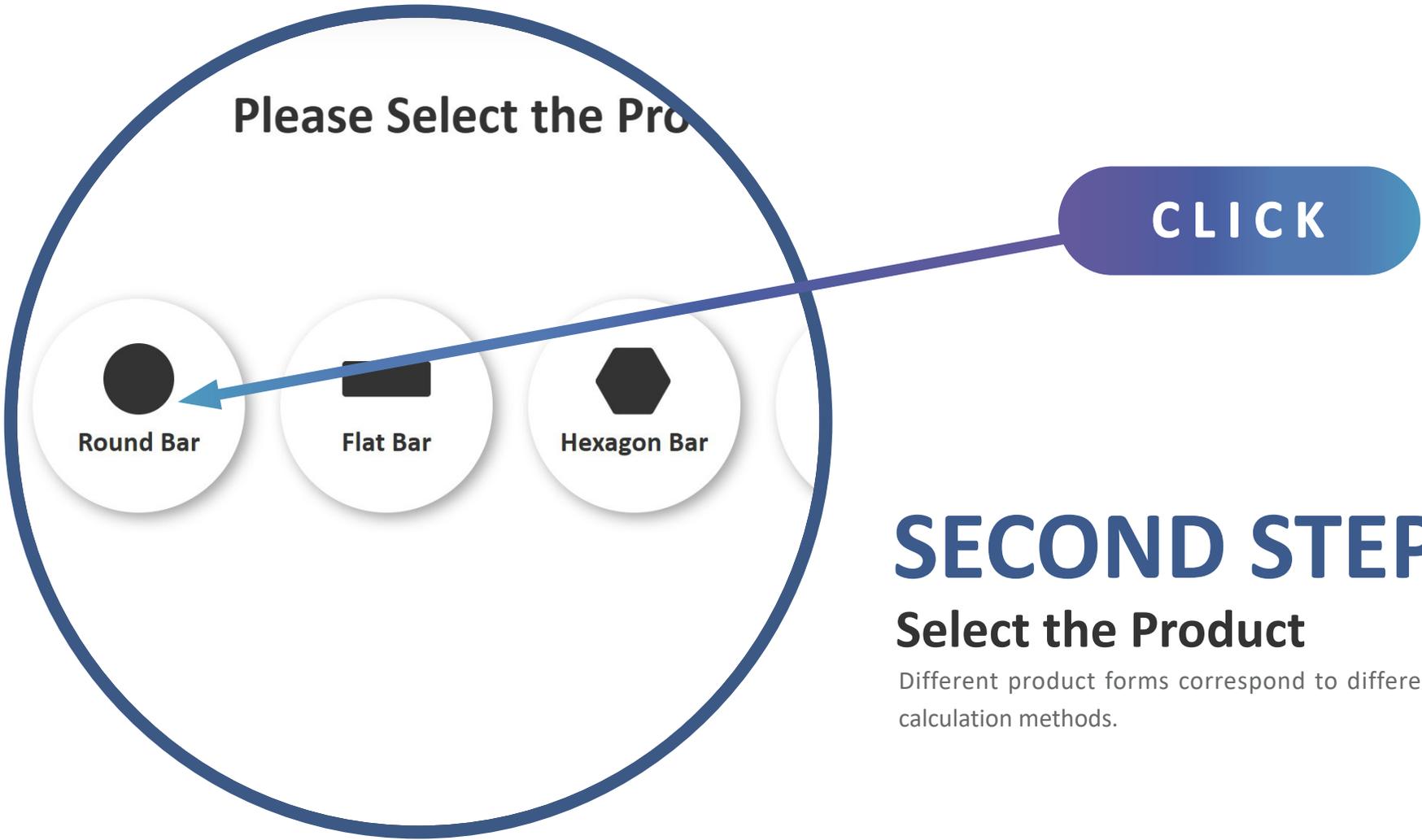
**CLICK**

## FIRST STEP

### Select the Grade

For nickel alloy / superalloy, different grades have different densities. Therefore, the choice of grade determines the accuracy of the calculation results.

# 1ST STEP



## SECOND STEP

### Select the Product

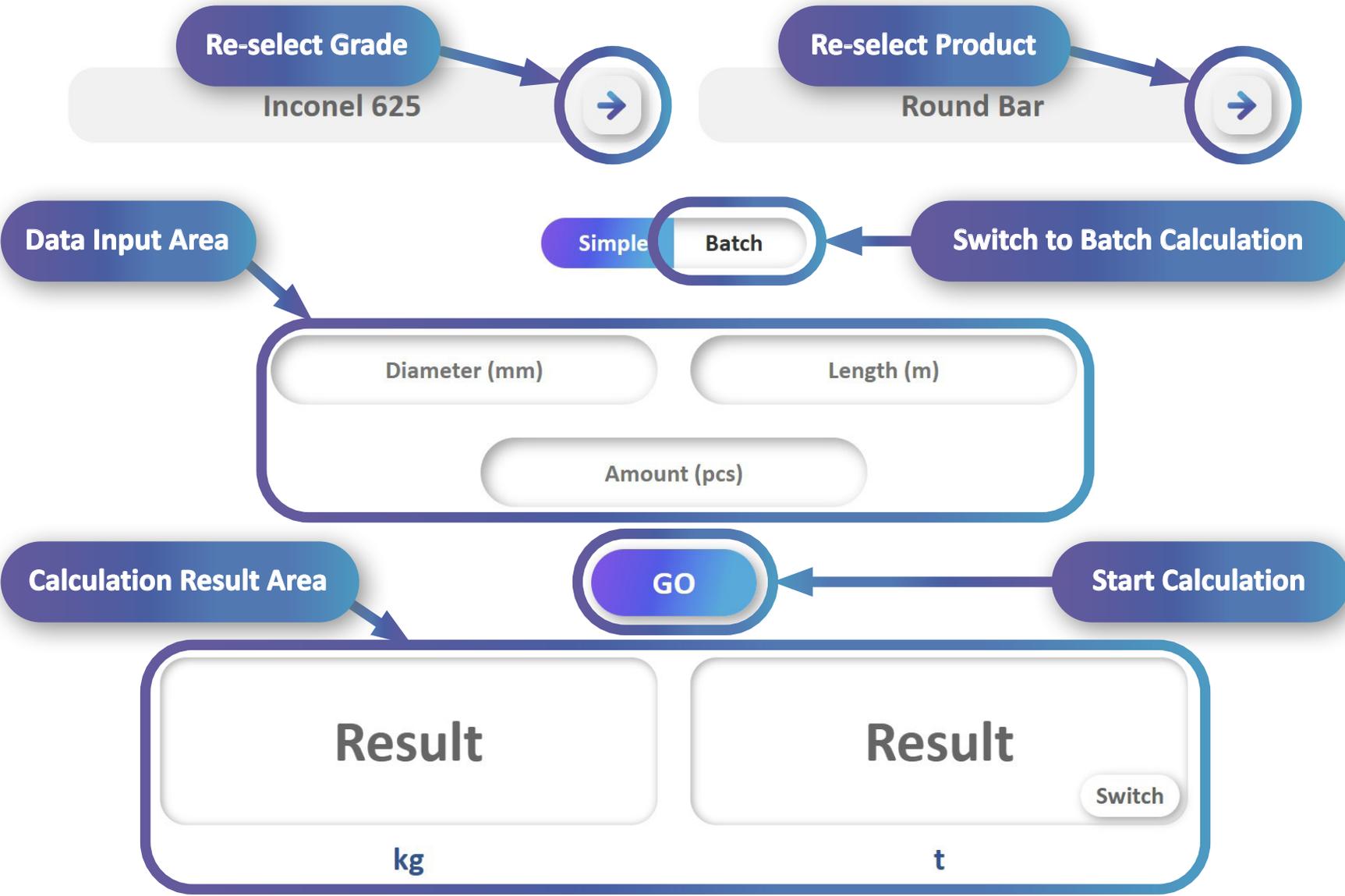
Different product forms correspond to different calculation methods.

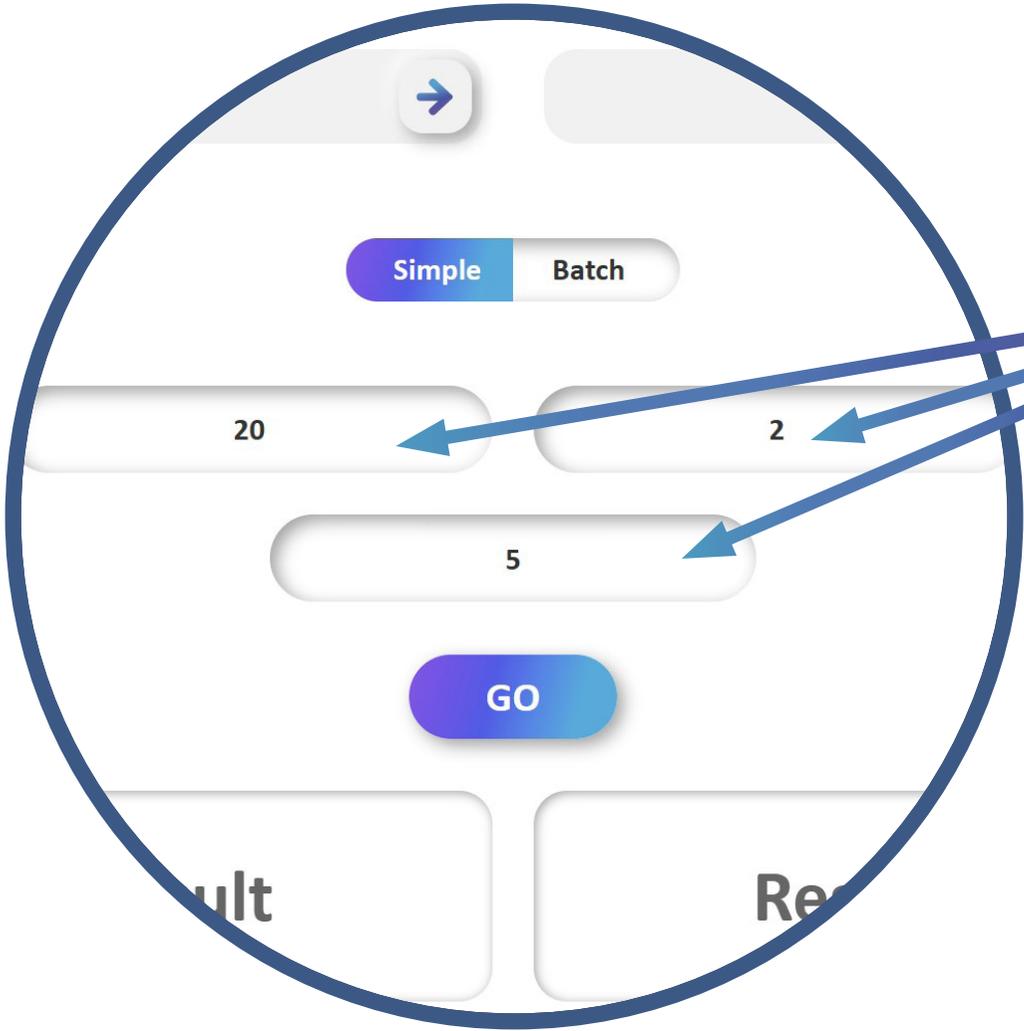
# 2ND STEP

# SIMPLE CALCULATION INTERFACE



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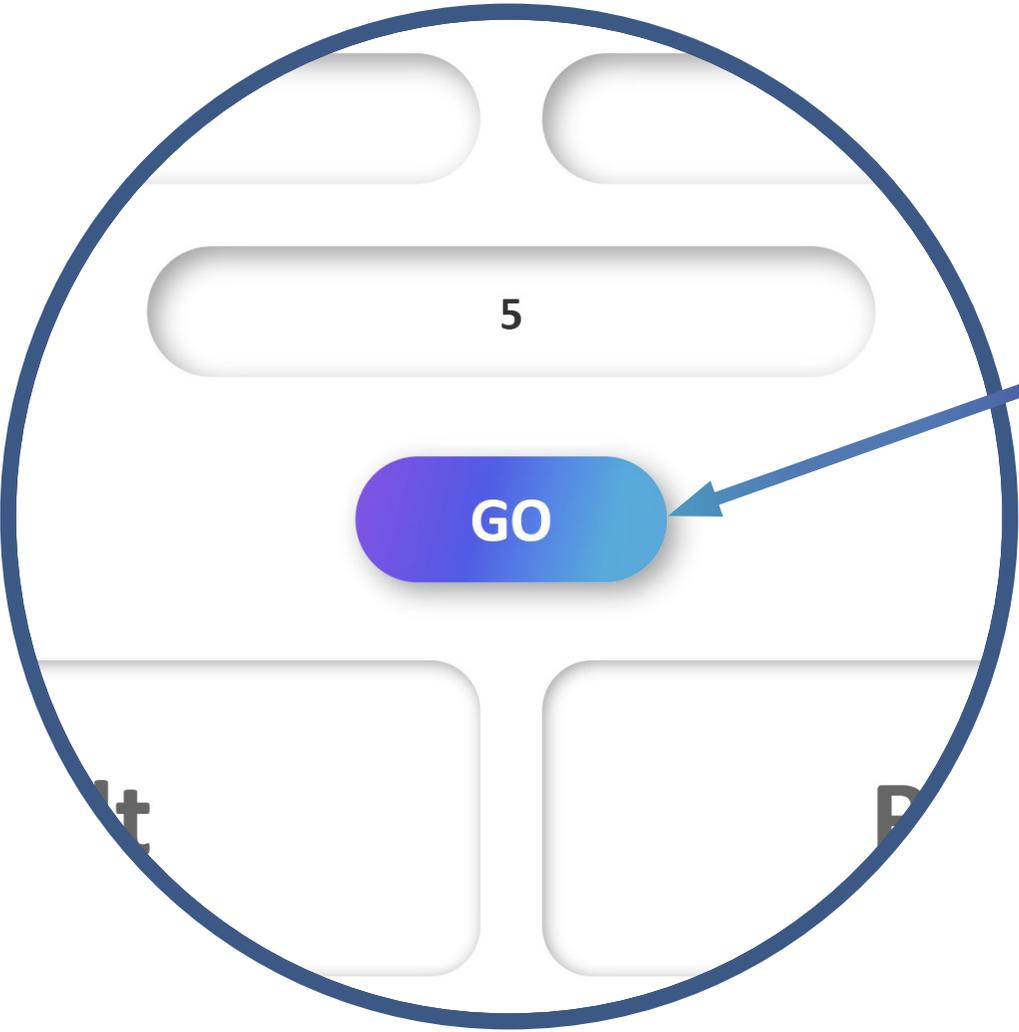
**INPUT**

## THIRD STEP

### Input the Data

Please input the corresponding data according to the prompts in the input box. Kindly note the units of the data.

3RD STEP



CLICK

# FOURTH STEP

## Click to Calculate

Please click the "GO" button after filling in all the data.

# 4TH STEP



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The image shows a calculator interface with the following elements:

- Mode selector: **Simple** (selected) and **Batch**
- Input field 1: **20**
- Input field 2: **2**
- Input field 3: **5**
- Action button: **GO**
- Result box 1: **26.52** with unit **kg**
- Result box 2: **0.03** with unit **t**

**RESULT**

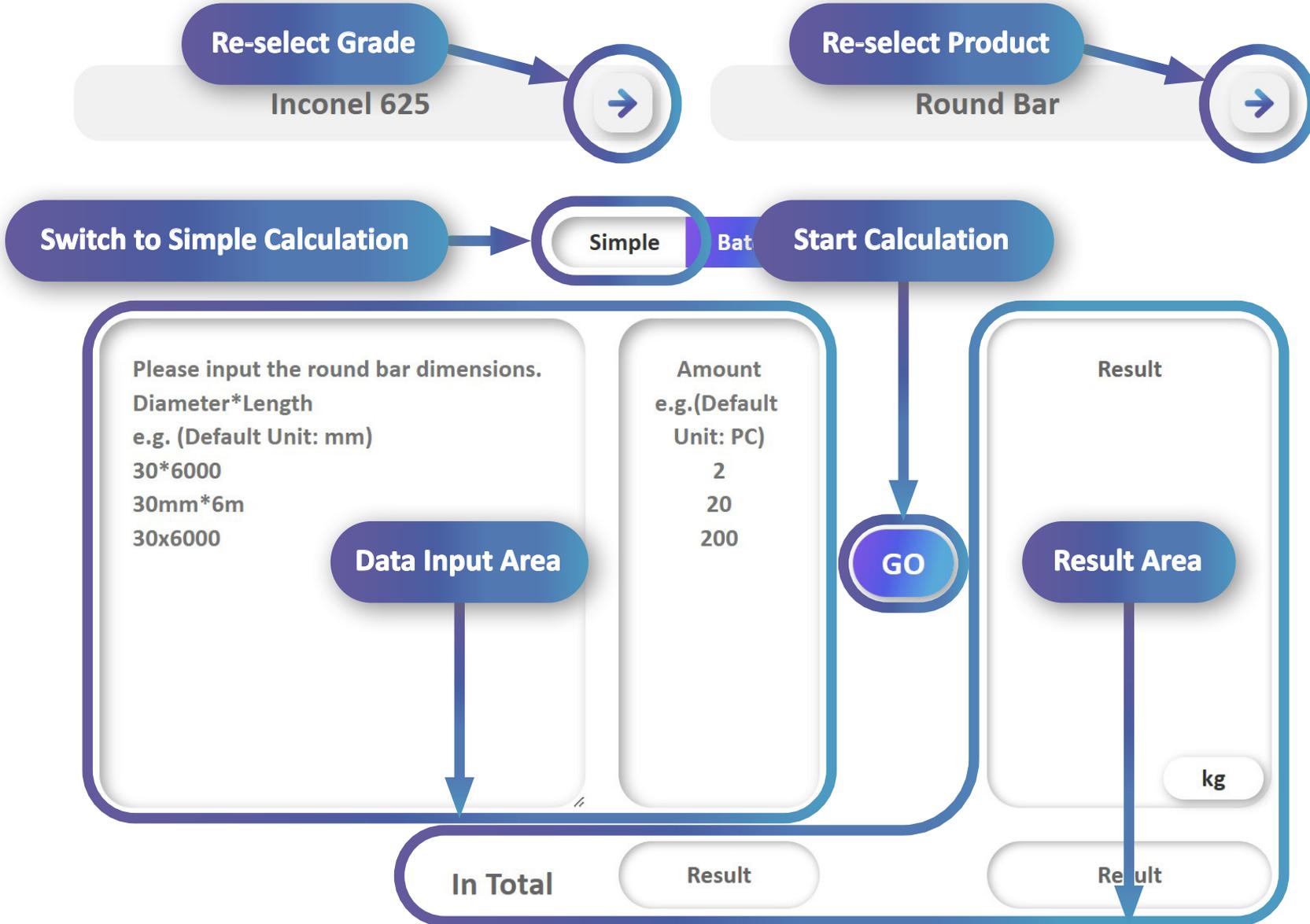
## FIFTH STEP

### Check the Result

We provide two result boxes, corresponding to two different units.

# 5TH STEP

# BATCH CALCULATION INTERFACE





Simple Batch

30\*3000  
40\*3000  
50\*3000  
60\*3000  
80\*3000  
100\*3000  
120\*3000

2  
5  
3  
6  
7  
1  
2

In Total

Result

**INPUT SIZE**
**INPUT QUANTITY**

## THIRD STEP

### Input the Data

Please input product dimensions on the left area and product quantities on the right area. Please note that in batch calculation mode, the default dimension unit is mm.

Please ensure that product dimensions are entered in the following format:

Round Pipe (mm):  $\text{Outside Diameter} * \text{Wall Thickness} * \text{Length}$

Round Bar (mm):  $\text{Diameter} * \text{Length}$

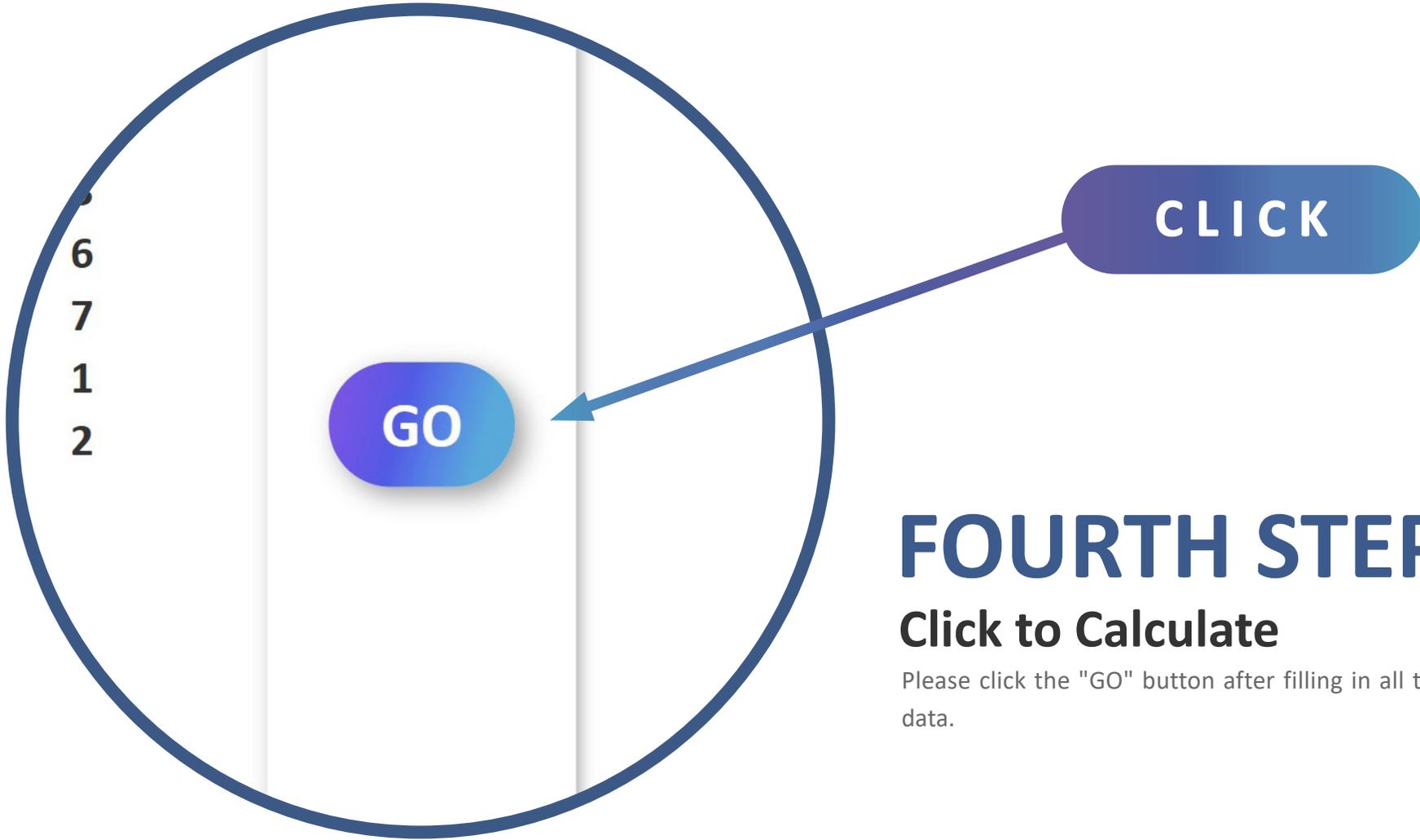
Flat Bar (mm):  $\text{Width} * \text{Thickness} * \text{Length}$

Square Bar (mm):  $\text{Opposite Side Width} * \text{Length}$

Hexagon Bar (mm):  $\text{Side Width} * \text{Length}$

Sheet / Plate: (mm):  $\text{Thickness} * \text{Width} * \text{Length}$

# 3RD STEP



## FOURTH STEP

### Click to Calculate

Please click the "GO" button after filling in all the data.

# 4TH STEP



**RESULT LIST**

**TOTAL QUANTITY**

**TOTAL WEIGHT**

## FIFTH STEP

### Check the Result

The calculation results are listed in order in the calculation result box. The total quantity and total weight of all materials are also calculated below.

# 5TH STEP