

# The IC.E. Scraper - InterChangable Edge Scraper



Kuba Smotka

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## Summary

Ice Scraper with exchangeable blades!

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Tags: [blade](#) [ice](#) [edge](#) [scraper](#) [icescraper](#) [sustainability](#) [interchangable](#)

A simple design with sustainability in mind. Print the handle once and just replace the blades when old one fails. Or change edge type depending on frosting thickness. You decide!

The blade slides into the groove in the handle and the spring tab on the blade retains its position. To remove the blade just pull on it until the spring tab moves out of the way and allows you to slide the edge out of the handle.

Right now you can choose from:

- plain handle
- ribbed handle

And:

- standard flat edge
- wide flat edge

- standard edge with ice brakers
- wide edge with ice brakers

Every piece prints **without** supports. Only post processing you need to do is to cut loose the spring tab in each blade.



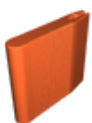
## Print Settings

I recommend to print the handle with 4 perimeters and 15-25% infill.

I used and tested this design with PETG.

Additionally you can print the handle without top and bottom layers and use infill to create some cool (pun intended) patterns.

## Model files



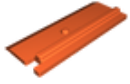
ice\_scraper\_handle\_ribbed.stl

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**ice\_scraper\_handle\_plain.stl**

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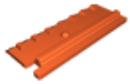
**standard\_flat\_edge.stl**

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**wide\_flat\_edge.stl**

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**standard\_edge\_with\_ice\_brakers.stl**

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**wide\_edge\_with\_ice\_brakers.stl**

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