



## Adjustable push stick for circular saw



**nordestgaard**

[VIEW IN BROWSER](#)

updated 3. 4. 2024 | published 3. 4. 2024

### Summary

Ergonomic and adjustable 3D-printable push stick for safe circular saw usage.

[Hobby & Makers](#) > [Tools](#)

This push stick has been designed for use with circular table saws to enhance user safety by keeping hands and fingers away from the blade during operation. It features an adjustable handle to accommodate various hand positions and sizes, ensuring a secure and comfortable grip. The ergonomic design aims to reduce user fatigue and improve control while guiding materials through the cut.

The body of the push stick is flat with a notched end, providing stable engagement with the workpiece. The tool's adjustment mechanism allows the handle to be tailored to the user's preference, improving leverage and precision. Made for 3D printing, the design is optimized for ease of manufacturing with standard 3D printers, making it readily available for anyone in the woodworking field.

#### Recommended settings for this design:

- **Filament:** PETG or ABS
- **Layer Height:** 0.2mm for a balance of strength and print time
- **Wall Thickness:** At least 1.2mm
- **Infill:** 40-60% for a strong internal structure without being too dense

# Model files

handle.stp

---

stick.stp

## License ©

This work is licensed under a  
[Creative Commons \(4.0 International License\)](#)



**Attribution-NonCommercial**

---

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✗ | Commercial Use
- ✗ | Free Cultural Works
- ✗ | Meets Open Definition