



Ventilated Knob for THRUSTMASTER TH8S Shifter



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Summary

Ergonomic & ventilated knob for THRUSTMASTER® TH8S shifter – multicolor/multimaterial, press fit, orientation lock.

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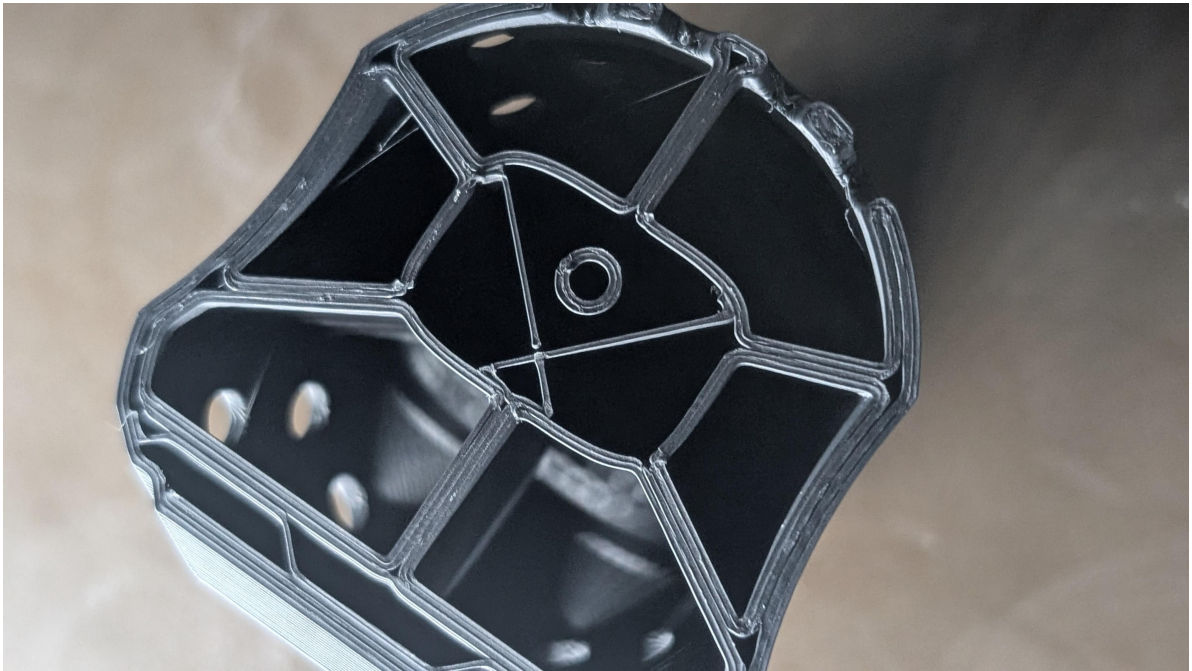
An ergonomic, ventilated knob for the THRUSTMASTER® TH8S shifter.

Ergonomic:

The body is shaped to sit in your palm, with a rest on each side for your thumb and fingers.

Ventilated:

30% of the shell's indentations are holes that lead into a air chamber inside the shell. An inner core with six ribs keeps the shell stiff.

**Multicolor / multimaterial:**

The knob is made of separate parts, so any single-material printer can produce a multicolor / multimaterial result.

Easy assembly:

The crystal slides onto the shell, and the logo presses in to hold it there. No screws, no glue.

Orientation lock:

The collar keeps the knob from rotating on the adapter and covers the adapter's flange

Please don't scale the parts: the thread and the fits are sized for the THRUSTMASTER® adapter.

Have fun!

Elements

- **Logo:** Sits recessed in the crystal, its stem locking the crystal to the shell.
- **Crystal:** Faceted top of the knob, slides onto two keys on the shell.
- **Shell:** Main body with adapter thread, ventilation holes, grip indentations, side rests and keys.
- **Collar:** Lock nut with three grooves that fixes the knob's direction and hides the flange.

You also need the official THRUSTMASTER® knob adapter.

Recommended Materials

Part	Material
Logo	PETG
Crystal	PLA or PLA+ (matte or translucent)
Shell	PLA or PLA+ (matte)
Collar	PLA or PLA+ (matte)

Print Settings

Setting	Value
Layer height	Logo, crystal & shell: 0.15 mm (balanced) Collar: 0.20 mm (balanced)
Perimeters	Shell & collar: 2-3 mm
Supports	None
Infill	Logo & crystal: 15 % (> 90 % if translucent) Shell & collar: 25%

Print Orientation

Part	Orientation on the bed
Logo	Face down, stem pointing up
Crystal	Standing on its rear facet, joint face sloping upward

Shell	Upright, on its bottom face
Collar	Upside down, skirt pointing up

Assembly

The exploded view shows the four parts from top to bottom: logo, crystal, shell and collar.



Assembling the knob

1. Set the crystal on the sloped top face of the shell, about 1 cm further above its final position.
2. Slide the crystal down the slope until its edges line up with those of the shell.
3. Push the logo's stem firmly and evenly through the crystal into the shell.

Mounting it on the shifter

1. Fit the adapter to the shifter as described in the THRUSTMASTER® instructions.
2. Screw the collar onto the adapter, wide opening (skirt) facing down.
3. Screw the knob onto the adapter.

4. Turn the collar up against the knob and tighten it by hand. The knob can no longer turn.

Model files



logo.stl



crystal.stl



shell.stl



collar.stl



adapter-thrustmaster.stl

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