



Power board Desk Clamp



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Summary

Clamp to mount power boards (Power Strip) to table or bench using the mounting holes on the board.

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I had a problem with power boards moving or falling off the edge of tables when I move things around.

This clamp holds a power board at the edge of a workbench, table or desk. It uses the mounting holes that most power boards have.

To align the clamps I connect them to the power board before tightening.

Requires 1 x M3 Screw per clamp, I use 10mm. But can also use other length screws, may depend on the power board.

Print settings: I increased the infill and set the perimeters to 4 for the screw. No supports required.

It is designed to fit power boards that are 50mm wide and have mounting holes in the middle but should also fit some other types of boards.

I have updated the design a little to improve strength, but it may still bend a little when tightened.

I added different sizes for different table thickness as I found it works best when closer to the thickness of the table - Less bending.






Small Clamp - 25mm or less table thickness

Mid Clamp - Original 40mm or less table thickness

Large Clamp - 50mm or less table thickness

High Mount - 40mm or less table thickness, power board with mounting holes near the top

Model files

	Old	1 file
	powerboard-clamp-mk4-v3.stl	<input type="checkbox"/> Holds a board that is 50mm wide with mounting holes in middle at 45 degrees
	powerboard-clamp-mk6-v3-small.stl	<input type="checkbox"/> Table 25mm or less. Holds a board 50mm wide with mounting holes near the middle at 45 degrees.
	powerboard-clamp-mk6-v3-mid.stl	<input type="checkbox"/> Table 40mm or less. Holds a board 50mm wide with mounting holes near the middle at 45 degrees.
	powerboard-clamp-mk6-v3-large.stl	<input type="checkbox"/> Table 50mm or less. Holds a board 50mm wide with mounting holes near the middle at 45 degrees.



powerboard-clamp-mk6-v3-high-mount.stl

☐ Table 40mm or less. Holds a board 50mm wide with mounting holes near the top at 45 degrees

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