

DeWalt ToughSystem 2.0 mounting/ constraining base

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VIEW IN BROWSER

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Summary

A base mount for constraining DeWalt ToughSystem 2.0 toolboxes to a flat base to keep them from sliding/rocking.

Hobby & Makers > Tools

Tags: system tough toughsystem detwalt

I made this base mount to constrain my DeWalt ToughSystem 2.0 tool drawers from sliding around in my work truck. The toolbox's feet slot into the chamfered recesses, which I attached to plywood base. This isn't designed to be positive locking, just held by gravity - I secure the bottom box with a ratchet strap run underneath the plywood base. The mount is thick enough to contact the underside of the toolbox to provide some additional support and help resist rocking front and back.

The two halves interlock, and a small piece of printer filament can be used as a locking pin (optional but helpful), and screw down with recessed screw heads. The openings have chamfered edges to help guide the toolbox into place, and I removed unneeded material to save filament and print time. I printed with PETG and a .6mm nozzle.

Lining up the fitment can be tricky - I secured one side first then used hot glue on side two's mount while holding it to the underside of the toolbox as I set the toolbox onto the first mount.

Model files



toughsystem_base_mount.3mf

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