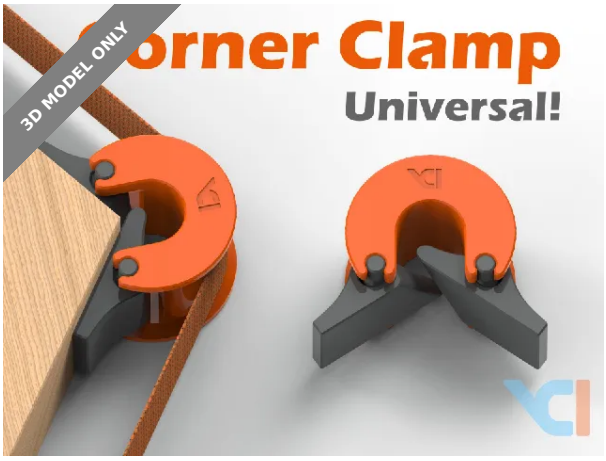


Adaptable Corner Strap Clamp

VC Design

VIEW IN BROWSER

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Summary

This model is designed to protect corners while tightening 1-inch / 25 mm straps, preventing damage to your workpiece :)

Hobby & Makers > Tools

Tags: tool wrench clamp tools strap ratchet clamping clamps ratcheting straps clampingtools ratchetwrench strapmount vcdesign

The **Adaptable Corner Strap Clamp** is designed to protect sharp corners while tightening **1-inch / 25 mm straps**, preventing damage to your workpiece during clamping or transport.

The system consists of:

- **Base** – holds and guides the strap
- **2 rotation pins** – allow smooth angular movement
- **Left & Right clamps** – make direct contact with the workpiece and distribute pressure evenly

Thanks to the rotating clamp design, the contact surfaces automatically adapt to the angle of the corner, ensuring secure clamping without marking or crushing edges.

Assembly is simple:
Insert the pins through the left and right clamps, then snap both pins into the base. No hardware required.

Printing notes:

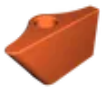
- Supports are **only needed for the base**
- All other parts print support-free

Ideal for woodworking, frame assembly, packaging, or any application where straps are used and corner protection is critical.

Model files



adaptable_corner_strap_clamp_base.stl



adaptable_corner_strap_clamp_r.stl



adaptable_corner_strap_clamp_l.stl



adaptable_corner_strap_clamp_pin-2x.stl

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