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Reinforced Corner Brackets | M5 Hardware

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VIEW IN BROWSER

updated 14. 9. 2026 | published 14. 9. 2026

Summary

Heavy-duty corner brackets for M5 screws. Features a smart inner corner relief and slotted options for perfect alignment

Hobby & Makers > Mechanical Parts

Tags: 3d brace duty heavy assembly support furniture printed diy free bracket adjustable angle hardware workshop woodworking tools corner relief m5 reinforced l structural slotted right robust

BOM: Printed with **ROSA3D Starter PLA Retro Gray**

When you need to build something strong, standard flimsy brackets won't cut it. This set of heavy-duty, reinforced 90-degree corner brackets is designed for serious DIY, workshop, and furniture projects.

A standout feature is the "corner relief" cut—a small chamfer on the inside corner of the joint. This ensures the bracket sits perfectly flush against your boards, even if the wood has splinters, dust, glue squeeze-out, or an imperfectly square edge.

The collection includes 6 versatile variations designed specifically for M5 screws. You can choose the exact bracket you need for your project, ranging from narrow fixed brackets to wide, fully adjustable versions.

Key Features:

- **Corner Relief Cut:** The inner corner features a small cutout so it never snags on imperfect board edges, guaranteeing a flush 90-degree fit every time.
- **M5 Hardware Ready:** All holes and slots are perfectly dimensioned for standard M5 screws or bolts.
- **Two Widths:** Includes 20mm wide (single row of holes) and 40mm wide (double row of holes) profiles.
- **6 Variations:** Choose between standard round holes for a locked fit, slotted holes for sliding adjustments, or hybrid versions.
- **Reinforced Spine:** The thickened angular design provides superior rigidity compared to standard flat metal brackets.

Model files

l-3x20x60.stl

l-3x40x60.stl

l-3x40x50.stl

l-3x20x50.stl

l-3x40x75.stl

l-3x20x40.stl

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