

R.H.H. Debossing Stamp / Mirror the Mark

MDL-RHH-STAMP-001 / REV A / 2026.10.10

The stamp was reconstructed from a supplied perspective image, then modeled as a printable solid. Its lettering is mirrored so the impression can read R.H.H. The raised initials, punctuation, and compass detail meet at the same contact plane. The STL, editable Blender project, print notes, and two model renders are available here. No physical impression is documented yet.

STATUS	MODEL AVAILABLE / IMPRESSION TEST PENDING
CLASSIFICATION	MDL
MATERIAL	BLENDER MODEL / 3D-PRINTABLE STAMP
DISPOSITION	PUBLIC MODEL / STL + BLENDER + RENDERS
CATEGORY	Making / Printed Mechanisms
RECORD TYPE	build-post

TECHNICAL NOTES

A 3.5-inch stamp built around mirrored R.H.H. initials and a compass-like mark, with a flat backing and raised contact surfaces.

GOAL

Turn an illustrated mark into a mirrored, printable stamp with a consistent contact face.

BUILD STORY

A stamp has to work in reverse: the model carries the mirrored image so the mark left behind can read normally.

The starting reference was a perspective image. Rebuilding it required interpreting the shapes rather than tracing a clean flat vector file. The compass-like frame, initials, and punctuation were made into editable pieces before the final solid was assembled.

The overall envelope was set to 3.5 inches square and half an inch high, including the raised artwork. A 9.2 mm backing supports the 3.5 mm relief. The contact surfaces were kept coplanar so the design has a consistent intended stamping face.

The R.H.H. lettering was mirrored. The straight-on render is useful here: it shows what the actual tool face looks like, while the intended impression reverses it again.

The saved model checks describe one connected watertight solid. The supplied STL is the printable export; the Blender file also contains the editable source pieces and presentation setup. Import the STL in millimeters and check $88.9 \times 88.9 \times 12.7$ before slicing.

The missing part is the physical impression. A first test should record the material being stamped, the print settings, and whether the small details release and read cleanly. Until then, the renders show a model rather than a proven stamp.

RESULT / WHERE THIS STANDS

The digital stamp and source files are complete enough for a first print. No material impression, release behavior, or durability test has been recorded.

NEXT TO ADD

- Photo of the printed stamp.
- Test impression showing that the initials read correctly.
- Stamping material, printer/filament settings, and notes on detail release or wear.

SPECIFICATION

OVERALL SIZE	88.9 × 88.9 × 12.7 mm / 3.5 × 3.5 × 0.5 in
BACKING	9.2 mm
RAISED DESIGN	3.5 mm
LETTERING	Mirrored R.H.H. / reads forward in the intended impression
MODEL	One connected watertight solid in the saved checks
STL	68,036 triangles / 3.40 MB
BLENDER PROJECT	Finished solid plus separate editable design pieces and render setup
PRINT ORIENTATION	Flat back on the plate; raised design facing up
SOURCE LIMITATION	Reconstruction from a perspective image, not an exact vector trace

DEVELOPMENT HISTORY

2026.09.29 / MODEL

Created the mirrored stamp and checked the exported solid.

2026.10.10 / A

Published the original STL, Blender project, print notes, and renders.

RELEASED MATERIAL / SOURCE LINKS

RHH_Stamp_Preview.webp

MODEL RENDER / Perspective view of the stamp; not a photograph.

https://u225x.com/uploads/rhh-stamp/RHH_Stamp_Preview.webp

RHH_Stamp_Face.webp

MODEL RENDER / Straight-on view of the mirrored contact face.

https://u225x.com/uploads/rhh-stamp/RHH_Stamp_Face.webp

RHH_Debossing_Stamp_3.5in.stl

PRINTABLE MODEL / Original STL; import as millimeters at 100% and confirm the dimensions.

https://u225x.com/uploads/rhh-stamp/RHH_Debossing_Stamp_3.5in.stl

RHH_Debossing_Stamp.blend

EDITABLE SOURCE / Finished solid, editable design pieces, camera, and lights.

https://u225x.com/uploads/rhh-stamp/RHH_Debossing_Stamp.blend

Stamp_Print_Notes.md

PRINT NOTES / Dimensions, orientation, and validation limits.

https://u225x.com/uploads/rhh-stamp/Stamp_Print_Notes.md

MDL-RHH-STAMP-001-project-notes.txt

PROJECT NOTES / CURRENT RECORD + NEXT EVIDENCE

<https://u225x.com/downloads/project-notes/MDL-RHH-STAMP-001-project-notes.txt>

MDL-RHH-STAMP-001-report.pdf

PRINTABLE RECORD / PROJECT NOTES

<https://u225x.com/record/MDL-RHH-STAMP-001/pdf>

CONNECTED RECORDS

MDL-SPINNER-001

<https://u225x.com/record/MDL-SPINNER-001>

EXP-CRICUT-SHIRT-001

<https://u225x.com/record/EXP-CRICUT-SHIRT-001>

RETURN TO THE LIVING RECORD

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This PDF preserves the public notes at this revision. Visit the record for updates and attached images.

<https://u225x.com/record/MDL-RHH-STAMP-001>