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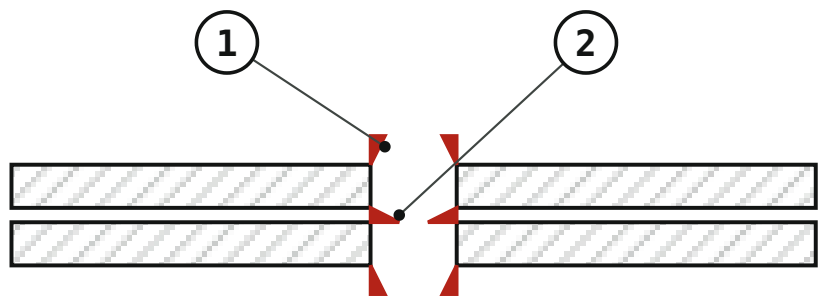
Deburring Holes and Edges

Burrs · shavings · edges

REFERENCE DRAWING — NOT APPROVED DATA · THE SRM ALWAYS GOVERNS

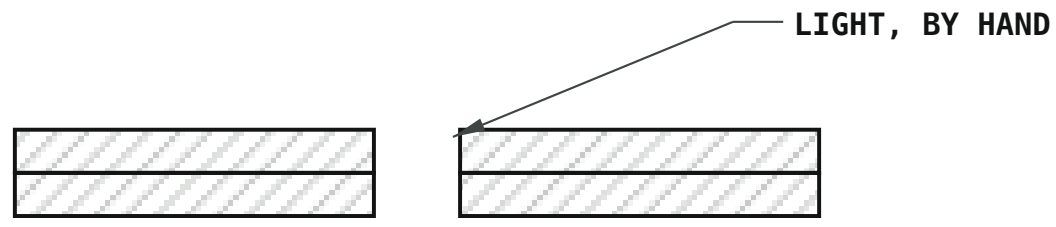
SECTION A

AS DRILLED



SECTION B

DEBURRED, SHEETS CLOSED



TAKE OFF THE BURR ONLY, TURNING THE TOOL BY HAND

PARTS LIST

#	ITEM	RULE	SOURCE
1	Burr	Forms round every drilled hole, worst with a hand drill; stops the rivet seating	H-8083-31B pp. 4-14, 4-40
2	Chips between sheets	All shavings out before any rivet is driven	p. 4-40
—	Tools	Burring tool, bearing scraper, or a larger bit or countersink rotated by hand	p. 4-14
—	Edges	Sheet edges too: file or burr; rough edges crack in bending	AC 43.13-1B par. 4-55

NOTES

1. Dimensions in inches. Do not scale: the SRM sets the values.
2. For reference. The applicable manual always governs.
3. Based on FAA-H-8083-31B ch. 4.

REVISIONS

REV	DESCRIPTION	DATE
A	First issue	2026-10-30

The Aviation Point. Structural repair reference

TITLE			
Deburring			
DRAWING NO. TAP-DWG-054	REV A	SCALE NTS	SHEET 1 OF 1
APPLIES TO Holes and sheet edges			
DO NOT SCALE DRAWING			

After FAA-H-8083-31B pp. 4-14, 4-40 and AC 43.13-1B pars. 4-55, 4-58. Typical only.

Key points

- **By hand,** never under power with a bit or countersink.

Step by step

1. Choose the tool.
2. Both faces.
3. Clear shavings.
4. Edges too.

SOURCES · FAA-H-8083-31B, Aviation Maintenance Technician Handbook: Airframe, Chapter 4 · FAA AC 43.13-1B CHG 1, Acceptable Methods, Techniques and Practices

SCAN · OPEN THIS GUIDE
theaviationpoint.com/standard-practices/deburring/

Educational reference only, not approved data. Always consult the applicable SRM, AMM, or AC 43.13-1B and your certifying authority.