

Printed Press Brake Tooling

EXP-0028 / REV A / 2026.08.02

A deliberately temporary set of forming jaws for low-volume sheet work. The experiment is less about replacing steel than finding the threshold where a printed tool becomes useful.

STATUS	UNDER TEST
CLASSIFICATION	EXP
MATERIAL	NYLON
DISPOSITION	REQUEST PHYSICAL UNIT
RECORDED PRICE	\$48 physical

TECHNICAL NOTES

Short-run forming tooling. The first jaw survived longer than expected.

SPECIFICATION

MATERIAL	PA12 nylon
LOAD	Estimated 1.8 kN
USE CASE	0.8 mm aluminum
DISPOSITION	Test article

DEVELOPMENT HISTORY

2026.08.02 / Rev A

First controlled bend completed.

2026.07.29 / Prototype

Jaw tip deformed on third attempt.

RELEASED MATERIAL / SOURCE LINKS

EXP-0028_profile.step

STEP / 640 KB

Awaiting public upload.

bend-test-log.csv

DATA / 12 KB

Awaiting public upload.

CONNECTED RECORDS

OBJ-0042

<https://u225x.com/record/OBJ-0042>

ERR-0009

<https://u225x.com/record/ERR-0009>

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/EXP-0028>