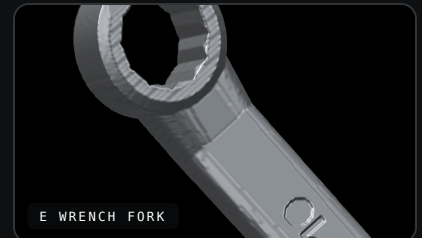
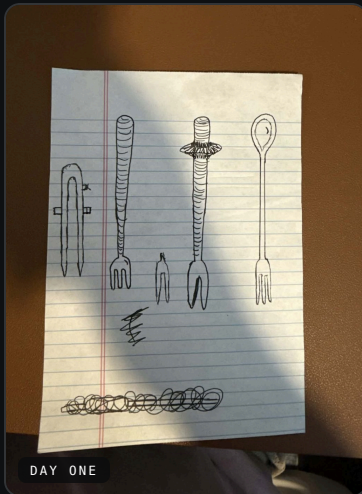


— PRODUCT DESIGN // METAL AM AND SHEET METAL // QUOTING

From a pen sketch to a quoted product.

Podium Pickles wanted a branded stainless fork to sell with the jars. I turned a sketch into seven concepts across two rounds, checked each one against a real manufacturing route, made sure the logo would laser mark clean, and put real quotes next to every option so the customer could pick with the numbers in front of them.



// SEVEN CONCEPTS

	Process	Size
A Hairpin jabber	316L metal AM	6.3 in, 1.4 oz
B2/ C2 Pickle grip and collar jabber	316L fork, printed plastic handle	6 to 6.75 in
D Spoon and fork	316L metal AM	8.5 in, 1.2 oz
E 10mm wrench fork	316L metal AM	6.5 in, 1.9 oz
F Topology fork	316L metal AM	7.0 in, 2.0 oz
G Sheet metal fork	316 sheet, laser cut and formed	7.5 in, 1.5 oz
G2 Cut-through flag	316 sheet, laser cut and formed	7.5 in

// WHAT MADE IT A REAL QUOTE

Two routes, priced side by side

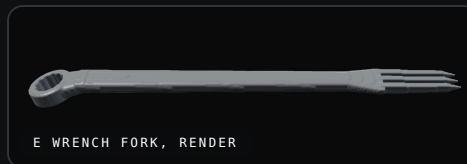
Printed 316L gives organic shapes. Laser cut sheet gives the price. The customer saw both at four quantities.

Branding checked first

The logo mark was measured on a 0.01 mm raster. Every stroke, gap and counter sits well above what a fiber laser can hold. Marked after forming, then passivated for food contact.

DFM against the shop

The first sheet metal flange failed a vendor bend check. The flange grew, the radius changed, and the revised STEP passed before it was quoted.



Have a product idea on a napkin?

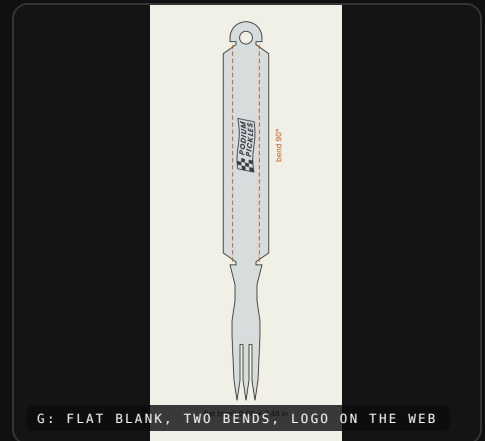
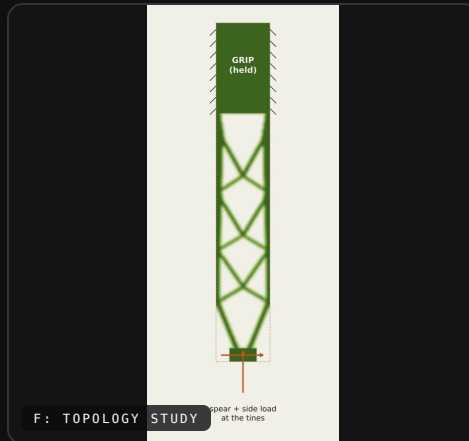
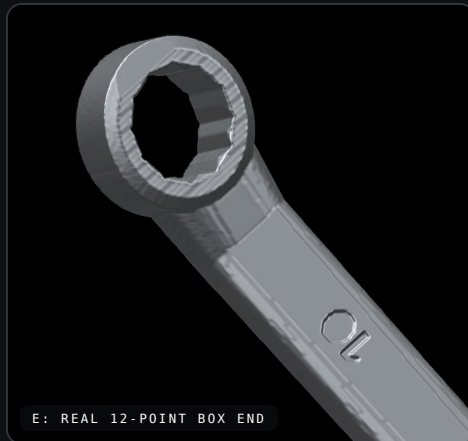
kindofabigdill.com/quote



READ THE CASE STUDY

— ROUND 2

The customer's ideas, engineered.



① Sketch to solids

Four concepts from a pen sketch, built as watertight print-ready solids with the tang, collar and handle details worked out.

② Customer deck

Renders, sizes in inches and ounces, a compare table and the materials story, in a look that matches the brand.

③ Round 2

The customer's own ideas: a wrench fork, a topology handle and a sheet metal version with the logo on it.

④ Instant quotes

Every concept run through metal printing and laser cutting quotes at 3 to 100 pieces, with duty and shipping in the number.

⑤ Drawing and RFQ

The sheet metal fork got a 1:1 drawing with the flat pattern, bend callouts, etch detail and passivation note.

⑥ Next

Customer pick, vector logo in, production CAD, first article and a 48 hour brine soak on the marked part.

// WHAT THIS MEANS FOR YOUR PRODUCT

Branded merch and small products

Forks, openers, keychains, tools, fixtures. Designed for the process that fits your quantity, branding checked, real quotes instead of a guess.

Idea to first article

A short concept round with renders and a compare table, then production CAD, a drawing and a first article through shops I know. You own the files.

Send me the sketch and what it needs to do.

Reply within 2 business days



START A PROJECT