



# PHOTOCHEMICAL ETCHING

# Photochemical etching

The photochemical milling is a technological process that allows the etching on plates in series, on several metals of various thickness. This process consists of the partial or complete removal of metallic parts, by photographic treatments combined with chemical action. You can engrave very small and complicated shapes and obtain extremely complex objects.



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## Advantages of the chemical technology

**Low cost tooling:** created by CAD, in very short time.

**Low cost changes:** many modifications and improvements are possible.

**From prototype to production:** you can engrave a single piece or thousands. It's a very cost-effective method for small series and prototyping, compared with traditional mechanical shears.

**Burrs absence:** the final etched product has smooth edges and is free of burrs.

**Half-etchings:** no further costs to engrave, while processing, half-etchings, inscriptions, logos, bending lines.

**Variety of materials:** an extremely wide range of metals and alloys can be etched (copper, brass, phosphor bronze, nickel silver, stainless steel, aluminium, etc.) from 0,05 to 1,5 mm

