

Industrial Marking Planning Guide

A concise guide for marking dies, roll dies, embossing dies, marking tooling, engraving, steel hand stamps, holders, inspection stamps, and traceability marks.

Choose the marking method

Hand stamps are useful for flexible manual marking. Interchangeable holders support changing dates, lots, shifts, and inspector IDs. Marking dies and roll dies support repeat production. Embossing dies create raised or recessed impressions. Engraving supports plates, logos, legends, and tooling details.

Define the mark clearly

Helpful optional details include the exact legend, artwork, character height, desired mark depth, orientation, and mark location. Part material, surface condition, coating plans, production method, and readability expectations can also help.

Connect marking with machining when needed

Machined components, tooling, fixtures, plates, and prototypes often need permanent identification. Planning the mark with machining, EDM, grinding, or finishing can improve readability and reduce extra handling.

Marking need	Likely starting point
Manual or maintenance mark	Steel hand stamp, symbol stamp, or inspection stamp.
Changing dates, lots, or IDs	Interchangeable stamp holder system.
Repeat press or rotary production	Marking die or roll die.
Raised or recessed tag, plate, or nameplate	Embossing die.
Logo, plate, legend, or tooling detail	Marking tooling, engraving, or special engraving.