

# 3 Effective Cost Saving in tooling

By selecting, applying, and maintaining the right tools, we fully utilize tool value and reduce tooling cost per part..

## Recondition cutting tools



Coating + Resharpen =  
>50% cost saving

- Solid carbide cutting tools are not disposable
- Regrinding + recoating costs only < 50% of a new tool
- One tool can typically be reconditioned 2–4 times
- Total tooling cost can be reduced by more than 50%

## Combine tool = 1 single tool



One Tool, Multiple Operations = Productivity + Cost Winning

- Step Drill / Step Endmill / Step Reamer
- 1 tool replaces 2–3 tools
- Reduces:
  - Tool change time
  - Tool holder inventory
  - Setup and preset time
- Cycle time improvement >20%
- Higher output with better process stability

## Purchasing & Inventory Planning



Additional Cost-Saving Opportunities

- Price difference between 5 pcs vs 50 pcs can exceed 30%
- Forecast planning avoids emergency purchases at premium prices
- Reduced tool variety = better inventory control and cash flow