Pre-Machining – HDD plate

HARD CARBON - Increase in productivity & improved surface finishing

Tool
- Carbide Endmill
  - Ø16 x 58mm

Workpiece
- Aluminium Alloy (ADC12)

Model
- 2.5 inch hard disc cover

Machining mode
- Coolant

Daily Output / Machine
- 1,500pc

Source
- Enduser Malaysia

Graph:
- Parts vs. Tool costs
- Coated tool still in good condition
- ~50 % savings

- Carbide uncoated: Tool costs 55 €
- Tool costs per part 0.0055 €
- BALINIT® HARD CARBON: Tool costs 60 €
- Tool costs per part 0.0031 €

- +95% increase in productivity