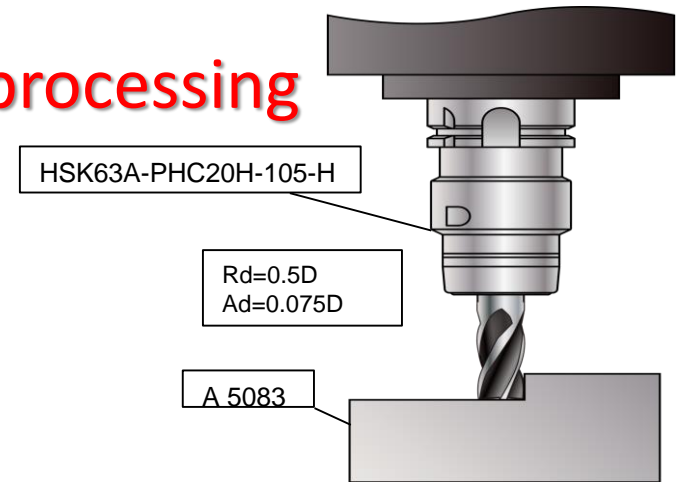


Hydro Chuck OMEGA – Case Study



Cost reduction by high efficiency processing

Workpiece	A5083
Machine	HSK63A Vertical Machining Center
Rotation	9,000rpm
Feed rate (f)	4,000 mm/rev
Cutting Tool	Φ20 Solid Carbide Endmill (4 Flutes)
Coolant	External Coolant Feeding
Tool holder	HSK63A-PHC20H-105-H



\$90- Cost saving/month

■ Before

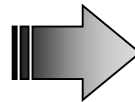
Holder : Other Brand Milling Chuck

Tool Life : 30 pcs / month

Condition: 3,800 mm / rev

Tool Cost : \$780- / Month

Increasing cutting conditions reduces tool life



■ After

Holder : HSK63A-PHC20H-105-H

Tool Life: 35 pcs / month

Condition : 4,000 mm / rev

Tool Cost : \$690- / Month

Increased cutting conditions and improved productivity



High accuracy, high rigidity and Anti-vibration can reduce cost!!