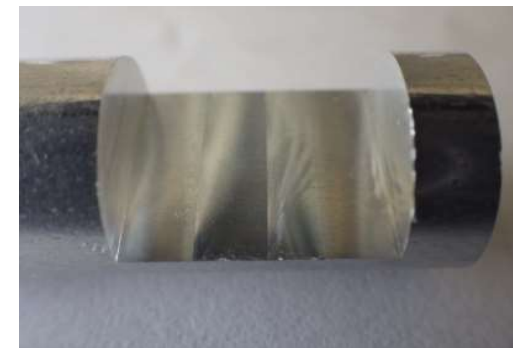
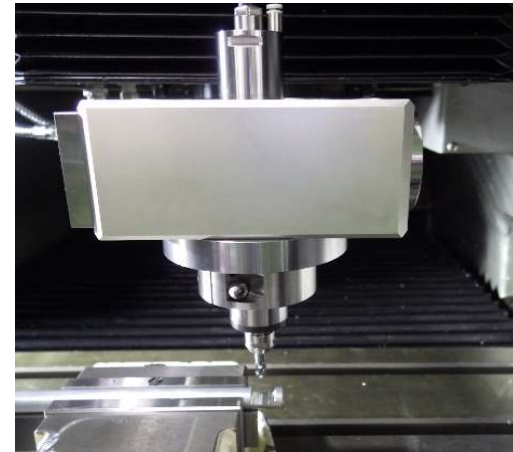


NR-3060S/EM-3030T-J ϕ 6.0mm End mill Application (A6061)

Motor Spindle NR-3060S/EM-3030T-J/E3000
Machine Sodick MC (MC430L)
Tools NS TOOL ϕ 6.0 3-Flute Power "Z" End Mill for Aluminium ALZ345 ϕ 6.0
Work Aluminium Alloy (A6061) ϕ 12
Cutting Width 12.9mm Depth 6.1mm Groove cutting, Side cutting Non-
Coolant water-soluble cutting oil
Cutting Condition



		NS TOOL	NAKANISHI
Cutting Speed[m/min]		350	376
Spindle Speed[min^{-1}]		13,900	20,000
Groove cutting	Feed [mm/min]	2,600	600
	Feed Rate [mm/tooth]	0.062	0.01
	Depth of cut $A_p \times A_e$ [mm]	8×8	1.0×6
Side cutting	Feed [mm/min]	3,500	600
	Feed Rate [mm/tooth]	0.083	0.01
	Depth of cut $A_p \times A_e$ [mm]	8×2.4	6×1 Finish 6.1×0.05
Processing time[sec]			34
E3000 Controller load meter		—	3 load meter lighting (Continuous duty operation)