

NR-3060S/EM-3060 ϕ 2.0mm Drilling Application(A6061)

Motor Spindle NR-3060S/EM-3060/E3000
 Machine Sodick MC (MC430L)
 Tools Carbide Center Drill S30,000 0.1mm/rev
 Nachi ϕ 2.0 Carbide Drill Aqua Drill Regular
 AQDR ϕ 2.0
 Work Aluminum alloy A6061
 Drilling ϕ 2.0 $\times$ 6.0L Blind hole $\times$ 1,000 Holes
 Coolant Non-water-soluble cutting oil
 Drilling Condition

	Nachi	NAKANISHI
Cutting Speed [m/min]	100	188
Spindle Speed [min ⁻¹]	16,000	30,000 1.9 times
Feed Rate [mm/rev]	0.045	0.06
Feed [mm/min]	720	1,800 2.5 times
Step	—	non-step
E3000 Controller load meter	—	4 lighting (acceptable intermittent load)

