

NR-3060S/EM-3030T-J ϕ 3.0mm Drilling Application (A5052)

Motor Spindle NR-3060S/EM-3030T-J/E3000
 Machine Sodick MC (MC430L)
 Tools Nachi ϕ 3.0 Carbide Drill
 Aqua Drills Stub AQDS ϕ 3.0
 Work Aluminum alloy A5052
 加工 $\Phi 3.0 \times 6.0L$ Blind hole drilling $\times$ 336 holes (7 min 5 sec)
 Coolant Non-water-soluble cutting oil
 Drilling condition



	Nachi	NAKANISHI
Cutting Speed [m/min]	99	283
Spindle Speed [min ⁻¹]	10,500	2.9 times → 30,000
Feed Rate[mm/rev]	0.085	0.06
Feed [mm/min]	900	2.0 times → 1,800
Step	—	non-step
E3000 Controller load meter	—	4 load meter lighting (acceptable intermittent load)