

EM20-S6000 ϕ 2.0mm Drilling Application (S50C)

Motor Spindle EM20-S6000/E3000
 Machine Sodick MC (MC430L)
 Tools Nachi ϕ 2.0 Carbide Drill Aqua Drill Regular
 AQDR ϕ 2.0
 Work Carbon steel S50C
 Drill Φ 2.0 $\times$ 4.0L Drill End Hole
 Coolant Non-water-soluble cutting oil
 Drilling Condition

	Current Condition	NAKANISHI
Cutting Speed [m/min]	100	151
Spindle Speed [min ⁻¹]	16,000	20,000
Feed Rate [mm/rev]	0.045	0.05
Feed [mm/min]	720	100
Step	—	0.4
E3000 Controller load meter	—	Continuous duty operation

0.1Time
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