



Test Wave

Machine: V80S

Material: PXA30 (Hardness: 33Hrc)

Size: 1100 x 400 x 200mm



Cutting Conditions (Extract/Finish Process)

3-axis

Cutter	Spindle Speed [min ⁻¹]	Feed Rate [mm/min]	a _e [mm]	Machining Time [hr:min]
R5 Ball Endmill (2NT)	8000	3200	0.3	5:28
R2 Ball Endmill (2NT)	12000	1600	0.1	0:12

5-axis

Cutter	Spindle Speed [min ⁻¹]	Feed Rate [mm/min]	a _e [mm]	Machining Time [min]
R5 Ball Endmill (6NT)	12000	15000	0.3	2:03
Ø20 R20 Barrel Tool (2NT)	8000	3200	0.6	0:32
R0.2 Ball Endmill (2NT)	20000	600	0.03	0:58