

# SXV3D-OH

For Steel, SUS, Ti, Heat-Resistant Alloy



Drilling video available



## ZERO BURR × High Efficiency

New model suitable for a wide range of work materials, high-mix small-lot machining, and mass-production machining

**✓ Deburring performance**  **No deburring process required!**  
Wide range of products from mild steel to heat-resistant alloy steel. Suitable for small-lot processing of a wide variety of products.

1



SUS304	Titanium Alloys	INCONEL	STAVAX	SCM440	SS400
No burrs	No burrs	No burrs	No burrs	No burrs	No burrs

**✓ Machining speed**  **Enables process reduction without reducing cutting speed.**

2



Conventional Products	SXV 3D
Vc=20m/min (1062rpm) f=0.06mm/rev (F=64mm/min) Machining time: approx. <b>17</b> sec. per hole	Vc=50m/min (2653rpm) f=0.15mm/rev (F=398mm/min) Machining time: approx. <b>2.7</b> sec. per hole

<Common cutting conditions> work material: SUS304 / Drill Dia.:φ6 / Hole depth: 18 mm

**✓ Chip removal performance**  **Smooth discharge of fine chips.**  
Trouble caused by chips is eliminated and risk is reduced during unmanned operation.

3



<Common cutting conditions> work material: SUS304 / Drill Dia.: φ6 / Cutting oil material: water-soluble

