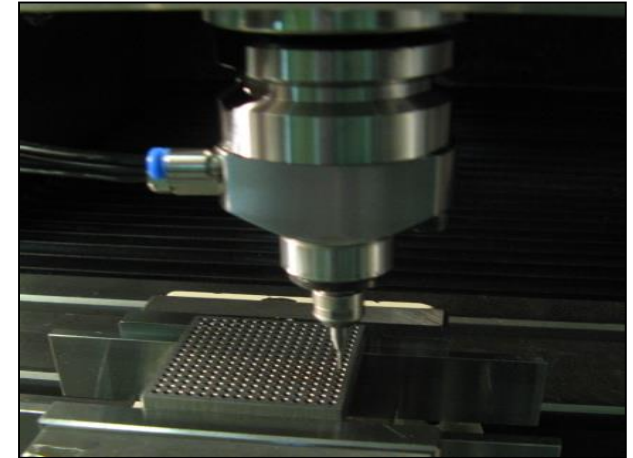
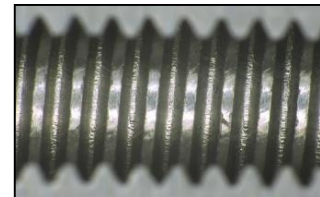


BM-320F ϕ 1.5mm Thread Milling Application (TP340)

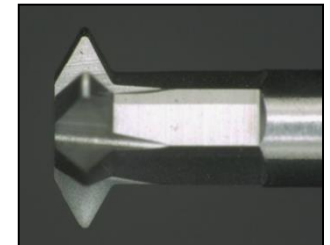
Motor Spindle	BM-320F
Machine	Sodick MC430L
Tool	TiAlN coated Thread Cutter, 6 Flutes, ϕ 1.5
Work Material	Unalloyed Titanium TP340 (JIS type 2)
Thread Size	M2 $\times$ 0.4
Depth of Thread	5 mm
Coolant	Non-water-soluble Cutting Oil
Processing Time	4.7 sec/hole
Number of Processed Thread Holes	500 holes
Cutting Conditions	Cutting Speed: 282.6 m/min Spindle Speed: 60,000 min ⁻¹ Feed: 450 mm/min Processing Form: Thread Milling



Machine: Machining Center



Workpiece



Thread Cutter

- enable to process small diameter and precise threads on hard-to-cut material
- improve the chip evacuation by intermittent cutting