

Technical Information

Vol. 41

FUTA-Q Install Additional Four CNC Combined-lathes

1. Features of our CNC combined-lathes

- Continuous processing by the automatic bar-feeder for shaft-shape materials.
- Continuous processing by the takeout mechanism for a finished product.
- Precision machining on a micron order for difficult-to-machine materials.

[Specifications]	
Item	Specification
Maximun material diameter	170 mm for main shaft 135 mm for back-side shaft
Maximum material size for continuous processing	52 mm in dia., 330 mm in length
Processable material	Stainless steels, titanium, Inconel, Hastelloy, cobalt, and etc.

[The Number of CNC combined-lathes in FUTA-Q]	
with bar-feeder	9 units
with Y-axis control	3 units
Total	12 units

2. External appearance



Machining example: Ferrule 15A of titanium



Inside view

3. Machining examples

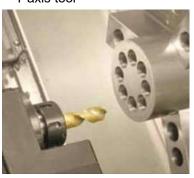
1. Back-side machining with the back-side spindle



2. Drilling from the Y-axis side



3. Combined drilling by the Y-axis tool



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