

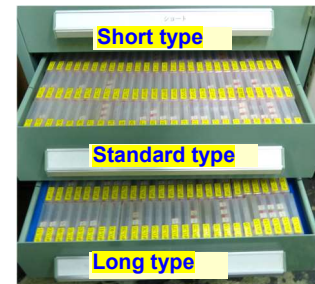
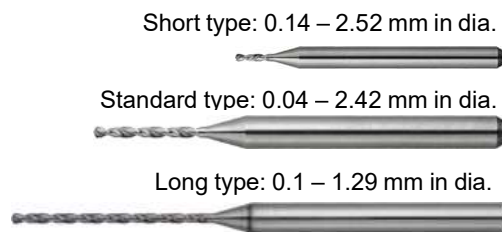
5S Activities for Small CNC Lathes

1. 5S activities in FUTA-Q

5S is a workplace organization method aim to improve space efficiency and effectiveness by identifying and storing the items used, maintaining the area and items, and sustaining the new order, which stands for **Sorting, Setting-in-order, Shining, Standardizing, Sustaining the discipline**. FUTA-Q has been conducting 5S activities for manufacturing in a shorter lead time and high quality. The followings are example of our activities and the outcome.

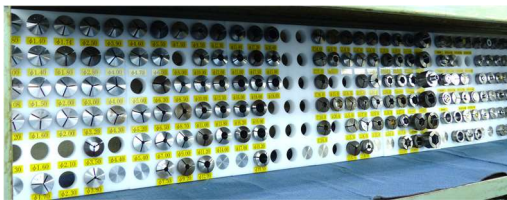
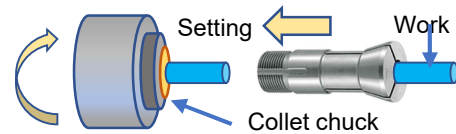
2. Sorting lathing tools

Tools for lathing are sorted and stored in three lengths: short, standard, and long.



3. Sorting collet chucks

Collet chucks for holding a work are sorted and stored in two types: type 8 and type 6.



Type 8 collet chuck (0.5 – 14 mm in)



Type 6 collet chuck (0.8 – 20 mm in)

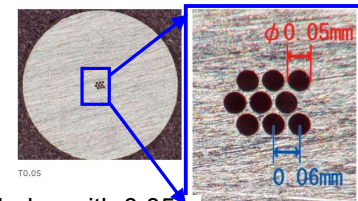
4. Tooling instruction sheets

The tooling instruction sheets are maintained along with the processing logs and trouble history to be referred for avoiding the same trouble and improve the productivity.



5. Micro-diameter drilling

Smaller diameter hole drilling, higher speed rotation the drill requires. FUTA-Q has 7 high-precision micro processing machining centers having the maximum spindle speed of 40,000 rpm for meet a rush order from a client. The photo on the right shows the processed example with SUS316L.



9 holes with 0.05 mm in dia.

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