

## General Description of Hitachi SEM Sample Stubs

Hitachi M4 SEM sample stubs and mounts are made from vacuum grade aluminum in different sizes and styles. They are manufactured according to the original Hitachi specifications to fit the standard Hitachi sample stub holders and stage adapters with M4 thread. They are offered in sizes from 15 to 100mm:

### Cylinder Hitachi stubs, standard



- 15mm diameter with 6 and 10mm height
- 25mm diameter with 5 and 10mm height
- 32mm diameter with 5 and 10mm height
- 50mm diameter with 6mm height
- 63mm diameter with 6mm height
- 100mm with 4.5mm height

**Angled Hitachi stubs to quickly image samples at 45° or 90° pre-tilt w/o using tilt on the sample stage:**



- 15mm diameter with 45° and 45/90°
- 25mm with 45°, 45/90° and double 90°
- 32mm with 45/90° and double 90°

Hitachi Dish cylinder stubs in 15mm diameter for sample preparation of solutions or fluids directly on the stub. The dish design prevents fluids from dripping of the stub. Sample can be dried directly on the SEM stub.

If you need a Hitachi M4 sample stub which is not offered in the list below, please contact us. We can manufacture custom sample stubs or suggest a solution with alternative sample stubs.