No.	009 ⁻ 24
job classification	modification
target machine	CNC Auto-lathe

HOZAWA

Manufacturer	CITIZEN
Model	MC20
Task	Chuck & cylinder replacement

[Overview of repair machines : Chuck & cylinder replacement for auto-lathe]





[Installation of chuck]

[Cylinder installation]

[Implementation details and approximate man-hours]

- Accuracy inspection according to manufacturer's standards
- Check runout of journals for coolant in spindle as well as chuck cylinder.
- Balancing at maximum spindle speed by balancer device (within 2μ)

Post-order process;

List of required parts: 7 days Create replacement parts; 3 days

Works;1 day

Total:11 days

Key points of the exchange operation :Installation and accuracy check based on manufacturer's standards





Confirmation of vibration by balancer device

Preliminary inspection and preparation

Works

If a balancer device is required, the balancer device(device of the chuck manufacturer). should be prepared by the customer

It is necessary to confirm the availability of technical data for parts other than the chuck & cylinder (drawbar & back plate, etc.).

• If parts are ready, the installation can be replaced in

one day.

• If fabricated parts are required, technical data must be provided by the

manufacturer.

items

Factors causing additional