

# INDEX

## Summary

- Specially-designed tool setter and touch probe for CNC machining centers, CNC lathes and robots.
- For use in high-precision position detection, control and automatic dimension discrimination.
- Used in blade position setting and automated workpiece measurement, and suitable for automation, labor-saving, unmanned operation and quality control.

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## Tool Setter Series for CNC Machning Centers (Summary...P2-1)

### Cylindrical Type

T24E



- $\phi$ 12 Contact Type ... P2-6
- $\phi$ 20 Contact Type (Stationary) ..... P2-7
- $\phi$ 20 Contact Type (Replaceable) ..... P2-8
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### Vertical Square Type

T20



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- $\phi$ 20 Contact Type (Replaceable) ..... P2-13

### Horizontal Square Type

T26



- $\phi$ 20 Contact Type ... P2-15

### Cylindrical Type

TM26



- $\phi$ 12 Contact Type ... P2-17
- $\phi$ 20 Contact Type ... P2-19

### Flat Type

P11 / P21



- Low Contact Force ... P2-21
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## Tool Setter Series for CNC Lathes (Summary...P3-1)

### Lenear Type

HA



- 1 signal Type ..... P3-3
- Multiple signal Type ... P3-5

### Rotating Contact Type

H4D



- 1 signal Type ..... P3-7

## Touch Probe Series for CNC Machine Tools (Summary...P4-1)

### for CNC Machines

K Series



- 1-Direction ..... P4-5
- $\pm$ X, Z 3-Direction ... P4-7
- 3-Dimention ..... P4-13

### for End Locating

E2A



- $\pm$ X 2-Direction ..... P4-15

**Selection Guide**

● A wide variety of dedicated types depending on the intended use.

➔ **Application**

Detect wear, breakage, Correct thermal distortion

➔ **Application**

Measuring workpiece dimensions, Centering, positioning

