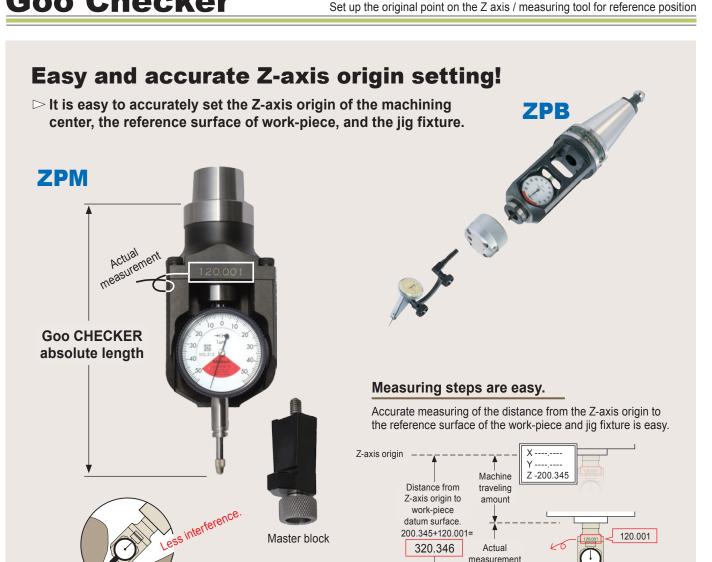
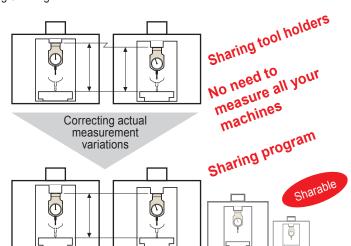
Goo Checker



Sharable Z-axis origin for several machining centers

Available for using 5-axis machine.

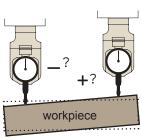
After measuring the distance from the Z-axis origin to the table surface of each machining center and correcting any variations, multiple machining centers can share the tool holders and programming



Flatness check

Fiducial surface

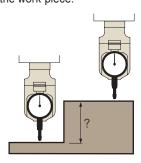
Precise measurement for flatness.



Step measurement

Measurement for steps on the work-piece.

workpiece



Goo Checker ZPM type (ZPM)

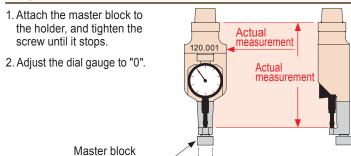
 □ Thanks to its compact design, interference is reduced, making it the optimum holder for compact machining centers.

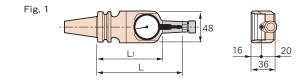


CODE	Fig.	L	L1	Kg
BT30 -ZPM-130	1	130	100	1.0
-165		165	135	1.2
BT40 -ZPM-150	2	150	120	1.3
-210		210	180	1.5
BT50 -ZPM-180	2	180	150	2.9
-240		240	210	4.1
A63 -ZPM-150	3	150	120	1.2
-210		210	180	1.5
A100 -ZPM-180	3	180	150	2.5
-240		240	210	3.8
E32 -ZPM-120	3	120	90	0.7
-165		165	135	1.0
E40 -ZPM-120	3	120	90	0.8
-180		180	150	1.1
E50 -ZPM-150	3	150	120	1.0
-195		195	165	1.3
F63 -ZPM-150	3	150	120	1.1
-210		210	180	1.3
DN40 -ZPM-150	2	150	120	1.3
DN50 -ZPM-180	2	180	150	2.9
CT40-ZPM-150	2	150	120	1.3
CT50-ZPM-240	2	240	210	4.1

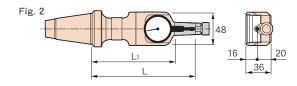
- **■**Option
- Retention knob(BT/DIN/CAT.)→P.64
- ■Std. Access.
 - Master block
 - Indicator, 1/ 1000 reading

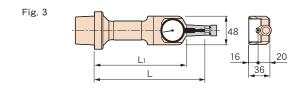
Easy confirmation of actual value (self-check function)





(Origin setting block)





■Caution

 A.T.C is not available. (except for BT30)

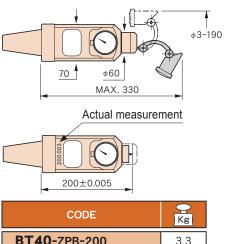
Goo Checker ZPB type (ZPB)

▶ High reliability due to its machined solid structure.





Usage example for test indicator



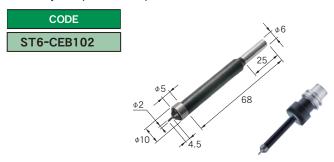
CODE	Kg
BT40-ZPB-200	3.3
BT50-ZPB-200	5.2

- ■Option
 - Retention knob→P.64
- ■Std. Access.

84

Centering bar

To identify workpiece datum position





Measuring instrument tool holder (HSK-E25)

Use when centering a workpiece.

The spring collet (C10-6-P) and the centering bar (ST6-CEB102) are required and sold separately. Tighten nuts by hand.





- Centering bar
- Spring collet(C10-6-P)→P.38
- ■Caution
- Not usable for machining.