



ATC arm aligning equipment

NEW

ATC Alignment Tool

ALIGNMENT TOOL for ATC arm

CATALOG No. EXm323

NEW PRODUCTS

For maintenance of machine tool spindle!



**Measuring equipment of misalignment
between the ATC arm and machine tool
spindle or magazine pot center.**

Dial indicator aids quick adjustment.

Misalignment of the center between the machine tool spindle and ATC gripper may cause damage to the spindle taper when a toolholder is loaded into the spindle. Clamped toolholder under the misalignment leads to increased runout resulting shorter life of machine tool and toolholders, as well as cutting tools. Cost reduction is achieved by using all these equipments, machine tool, toolholder and cutting tool, in good conditions.

AL Shank

In machine tool spindle



AL Flange

In ATC arm



Dial indicator stylus



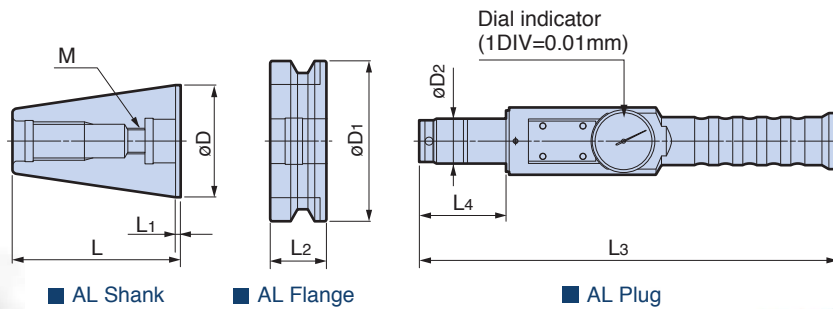
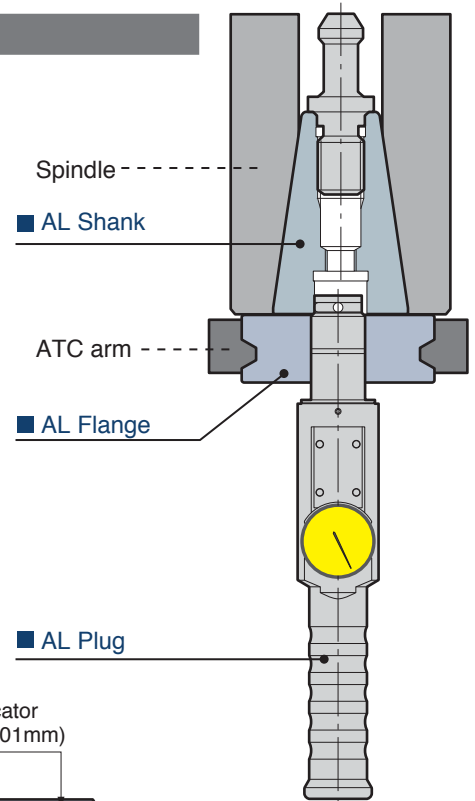
AL Plug



BIG DAISHOWA SEIKI CO LTD

How to use

- 1 Load the AL Shank in the machine spindle and mount the AL Flange on the ATC arm.
- 2 Insert the AL Plug into the AL Flange.
- 3 Rotate the AL Plug and read the highest and lowest values of the dial indicator.
This direction is the eccentric direction. Half of the gap of the values is the eccentric amount.
- 4 Adjust the position of the ATC arm so that the front end of the AL Plug will be inserted into the AL Flange fully.



Exclusive storage case

Set model	ϕD	D_1	D_2	L	L_1	L_2	L_3	L_4	M
BT30-ATC18	31.75	46	18	50.4	2	20	251	44	12
BT40-ATC20	44.45	63	20	67.4	2	25	251	44	12
BT50-ATC28	69.85	100	28	104.8	3	35	261	54	16

1. Unit suitable for CAT or DIN 7/24 taper spindle is also available. Contact BIG agent.

Machine spindle inspection tools

Test arbor
DynaTest
High precision test arbor

For dynamic accuracy

For delivery inspection & regular maintenance

To measure pulling force
DynaForce
Measuring equipment for pulling force of the machine tool spindle.