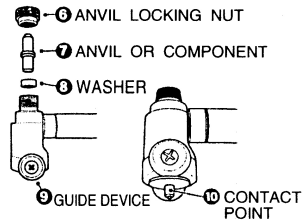
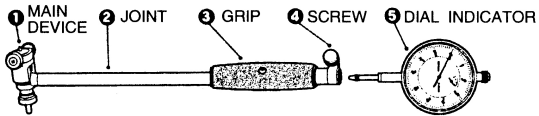
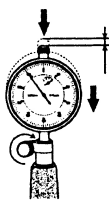


## NAME AND CONSTRUCTION



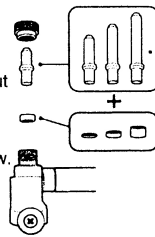
## ASSEMBLING

### Attaching the indicator



- Inserting the indicator's spindle into the joint.
- The hand of indicator turns about 1 revolution.
- Locking the indicator with the screw.

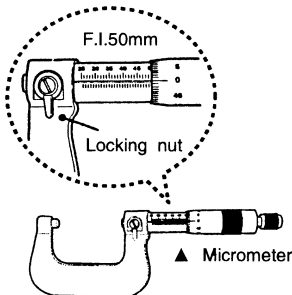
### ② Selecting the anvils or combination anvil or washers



- Removing the anvil locking nut and the anvils or washers not use.
- Install the correct anvil (s) or washers or combination anvil.
- Select the Min. number of anvils or washers.
- Install the knurled locking nut tightly.

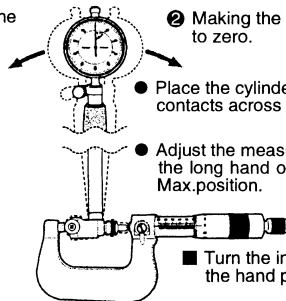
## DIMENSION SETTING

### ① Setting the outside micrometer to the exact dimension to be measured.

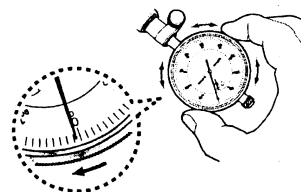


- Locking the nut after finishing the dimension setting.
- Please note the micrometer's instruction.

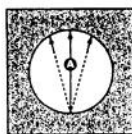
### ② Making the hand of the indicator point to zero.



- Place the cylinder bore gage measuring contacts across the micrometer faces.
- Adjust the measuring contacts to position the long hand of the dial indicator at the Max.position.
- Turn the indicator's bezel to make the hand point exactly to zero.



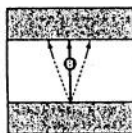
## MEASURING AND READING METHODS



A

- Measuring in cross section, at position A, the hand of indicator points to the Min. reading, this is the right measuring point, see figure A.

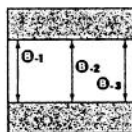
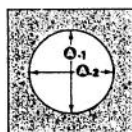
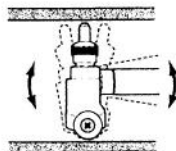
- Turning the bore gauge at direction showing at the right figure, finding the position A.



B

- Measuring in vertical section, at position B, the hand of indicator points to the Min. reading, this is the right measuring point, see figure B.

- Turning the bore gauge at direction showing at the right figure, finding the position B.



- In order to get the exact data, must measure several positions generally, see the left figure.

## SPECIFICATIONS

Measuring Range	Measuring Depth	Anvil	Washer	Component
6-10mm(0.24-0.4in)	40mm(1.57in)	9		
10-18mm(0.4-0.7in)	100mm(4in)	9	1	
18-35mm(0.7-1.5in)	125mm(5in)	7(8)		
18-35mm(0.7-1.5in)	150mm(6in)	9(10)	2	
35-50mm(1.4-2.4in)	150mm(6in)	4(6)	4(3)	
50-100mm(2-4in)	150mm(6in)	11	4(3)	
50-160mm(2-6in)	150mm(6in)	12(11)	4(3)	1
160-250mm(6-10in)	400mm(16in)	5(6)	5	1
250-450mm(10-16in)	400mm(16in)	5(6)	5	2

## CAUTION

- Do not disassemble or modify the gage.
- Do not subject the gage to blow or knocks.
- Clean and apply antirust after using, disassemble the indicator (laying indicator with the gage together may effect the precision), place the gage in the box.
- Do not embezzle the anvil, washer etc.