

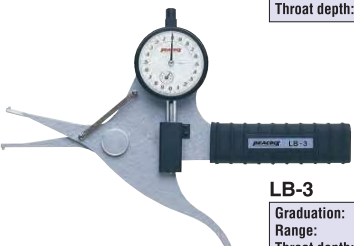
## LB series (Inside measuring of ID and groove widths)



**LB-1**  
Graduation: 0.1mm  
Range: 10-90mm  
Throat depth: 125mm



**LB-2**  
Graduation: 0.1mm  
Range: 10-90mm  
※Throat depth: 180mm  
※See page 103



**LB-3**  
Graduation: 0.01mm  
Range: 10-30mm  
Throat depth: 50mm



**LB-4**  
Graduation: 0.01mm  
Range: 10-30mm  
Throat depth: 100mm



**LB-5**  
Graduation: 0.01mm  
Range: 20-40mm  
Throat depth: 150mm



**LB-6**  
Graduation: 0.01mm  
Range: 30-50mm  
Throat depth: 80mm



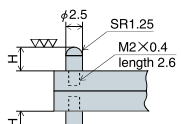
**LB-8**  
Graduation: 0.01mm  
Range: 100-120mm  
Throat depth: 90mm



**LB-9**  
Graduation: 0.01mm  
Range: 20-40mm  
Throat depth: 130mm

### Dimensions for contact point

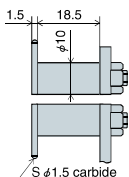
(LB-1 · 2 · 3 · 4 · 5 · 6 · 7 · LH-2)



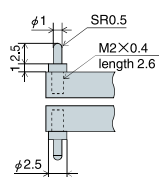
material : SK hardened

※ Hmm (height of contact point)  
3, 4, 5, 6, 7, 8, 9, 10mm type are available as options. Order pair as 1 set (2pcs).

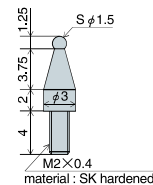
(LB-7V)



(LB-7S)



(LA-14 · LB-14)



### Adjustable type



**LB-7**  
Graduation: 0.01mm  
Range: 10-70mm  
Throat depth: 85mm  
● Adjustable frame



**LB-7S**  
Graduation: 0.01mm  
Range: 15-35mm  
Throat depth: 50mm  
● Adjustable frame

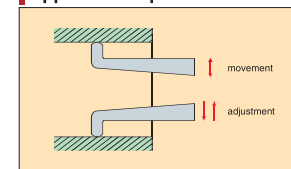


**LB-7V**  
Graduation: 0.01mm  
Range: 35-85mm  
Throat depth: 20mm  
● Adjustable frame



**LB-14**  
Graduation: 0.01mm  
Range: 100-150mm  
Throat depth: 70mm  
● Adjustable frame

### Applied Example – inside –



Note: Throat Depth is changed by Measuring Range.  
Contact us more detailed information.

Ex. LB-2

Range	Throat Depth
10mm	up to 20mm
15mm	up to 45mm
20mm	up to 70mm
30mm	up to 84mm
90mm	up to 180mm

### Handy type



**LH-2**  
Graduation: 0.01mm  
Range: 10-120mm  
Throat depth: 50mm

### Specifications

Model	Graduation (mm)	Range (mm)	Indication error (mm)	Throat depth (mm)	Height of contact point (mm)
LB-1	0.1	10~90	$\pm 0.2$	125	2
LB-2	0.1	10~90	$\pm 0.2$	180	2
LB-3	0.01	10~30	$\pm 0.03$	50	2
LB-4	0.01	10~30	$\pm 0.03$	100	2
LB-5	0.01	20~40	$\pm 0.03$	150	4
LB-6	0.01	30~50	$\pm 0.03$	80	4
LB-7	0.01	10~70	$\pm 0.03$	85	2
LB-7S	0.01	15~35	$\pm 0.03$	50	3.5
LB-7V	0.01	35~85	$\pm 0.03$	20	6.5
LB-8	0.01	100~120	$\pm 0.03$	90	30 (SK hardened, one unit with frame)
LB-9	0.01	20~40	$\pm 0.03$	130	2 (SK hardened, one unit with frame)
LB-14	0.01	100~150	$\pm 0.03$	70	7
※ LH-2	0.01	10~120	$\pm 0.03$	50	2

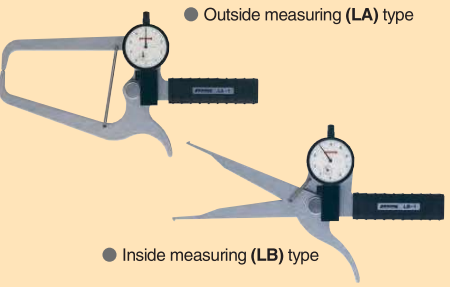
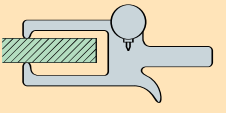
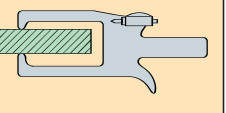
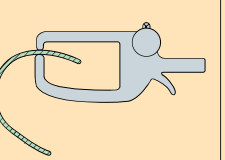
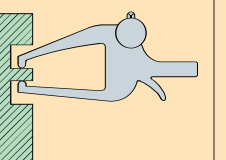
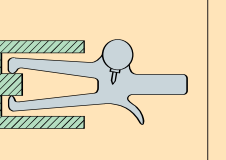
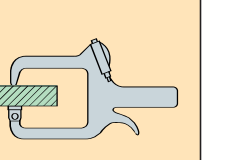
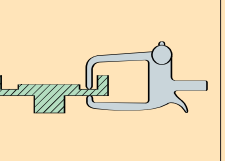
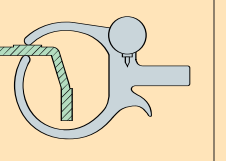
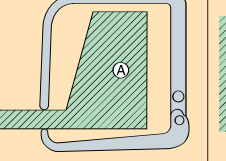
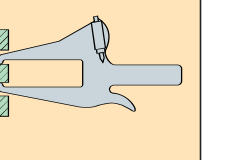
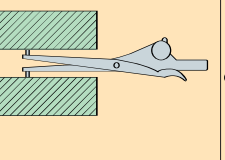
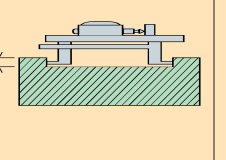
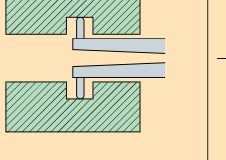
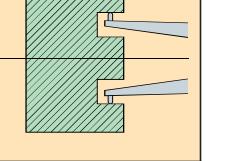
※ For LH-2, the range of accuracy is 10 to 20mm. In case of 20mm or more, check the tolerance with Master Gauge.



# 7

"PEACOCK" Caliper Gauges are quite useful for such measurements of O.D. or I.D. thickness and diameter which appear so difficult to measure.

## Examples

 <ul style="list-style-type: none"> <li>● Outside measuring (LA) type</li> <li>● Inside measuring (LB) type</li> </ul>		 <ul style="list-style-type: none"> <li>● Measuring thickness at the back end of a projecting workpiece LA-1~4 LA-13 LA-20~23</li> </ul>	 <ul style="list-style-type: none"> <li>● Measuring thickness at the back end of a projecting workpiece ● Dial upward type LA-5 LA-5S</li> </ul>
 <ul style="list-style-type: none"> <li>● Measuring thickness of a cup, hat or helmet LA type</li> </ul>	 <ul style="list-style-type: none"> <li>● Measuring thickness or OD in a narrow, confined place LA type</li> </ul>	 <ul style="list-style-type: none"> <li>● Measuring center OD of a boss LA-11</li> </ul>	 <ul style="list-style-type: none"> <li>● Floating type: lower contact point has a flat 10mm diameter LA-10</li> </ul>
 <ul style="list-style-type: none"> <li>● Measuring thickness by hurdling a projecting area LA type</li> </ul>	 <ul style="list-style-type: none"> <li>● Measuring thickness by hurdling a projecting area LA-8</li> </ul>	 <ul style="list-style-type: none"> <li>● Measuring thickness of a large workpiece or part. A: workpiece sizes up to 500mm are accessible (LA-24).</li> </ul>	 <ul style="list-style-type: none"> <li>● Measuring thickness or OD in a narrow, confined place LA-9 LA-11</li> </ul>
 <ul style="list-style-type: none"> <li>● Measuring ID or groove width LB-1~6</li> </ul>	 <ul style="list-style-type: none"> <li>● Measuring ID of a very shallow hole A: approximately 2mm lip is sufficient (LB-7V)</li> </ul>	 <ul style="list-style-type: none"> <li>● Measuring ID or an O-ring groove LB-1~6</li> </ul>	 <ul style="list-style-type: none"> <li>● Measuring ID by straddling the center boss LB-7 LB-14</li> </ul>

Dial Calipers