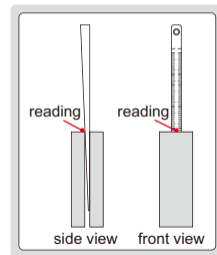
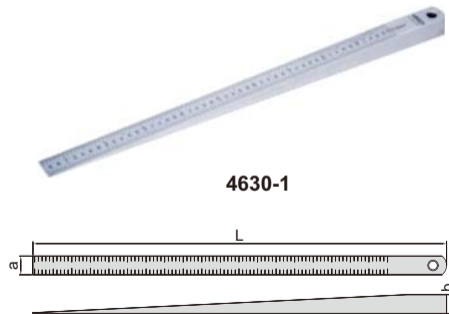


## TAPER GAGES

- For quick measurement of gap width
- Stain chrome plated reading surface
- Made of stainless steel

Code	Range	Graduation	Accuracy	L	a	b
4630-3	0.4-6mm	0.05mm	$\pm 0.04$ mm	164	12.5	6.5
4630-1	0.5-10mm	0.05mm	$\pm 0.07$ mm	220	10	10.5
4630-2	0.5-15mm	0.1mm	$\pm 0.08$ mm	184	12.5	16.5

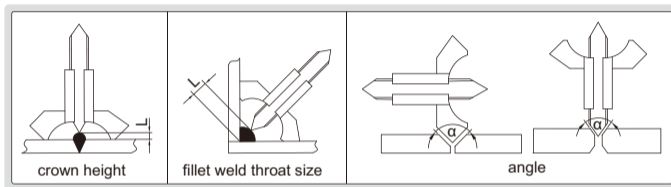
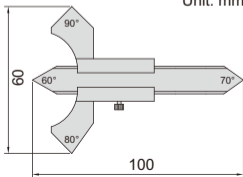


# WELDING GAGE



**4830**

Unit: mm

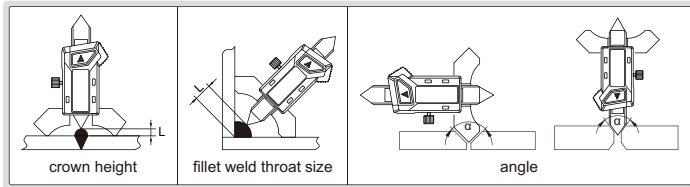


- Made of stainless steel
- Stain chrome plated reading surface

Code	Measurement	Range	Graduation	Accuracy
4830	crown height	0-8mm	0.1mm	±0.1mm
	fillet weld throat size	0-20mm	0.1mm	±0.3mm
	angle	60°, 70°, 80°, 90°	—	±1°

## DIGITAL WELDING GAGE

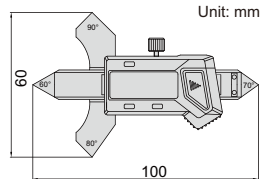
**ATTENTION:  
NO DATA OUTPUT**

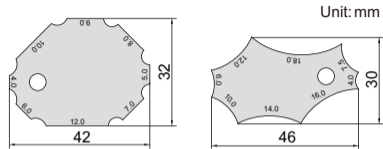


**4831-20A**

- Buttons: zero, mm/inch, on/off
- Battery LR44
- Made of stainless steel

Code	Measurement	Range	Resolution	Accuracy
4831-20A	crown height	0-7mm	0.01mm/0.0005"	±0.03mm
	fillet weld throat size	0-20mm	0.01mm/0.0005"	±0.1mm
	angle	60°, 70°, 80°, 90°	—	±1°





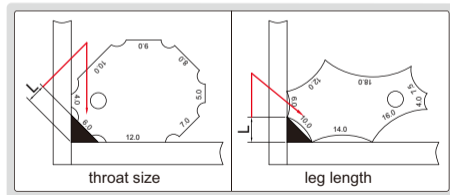
- Made of stainless steel
- Sizes marked on both faces

Code	Throat size	Leg length	Accuracy
4832-1	4, 5, 6, 7, 8, 9, 10, 12mm	4, 6, 7.5, 10, 12, 14, 16, 18mm	±0.5mm

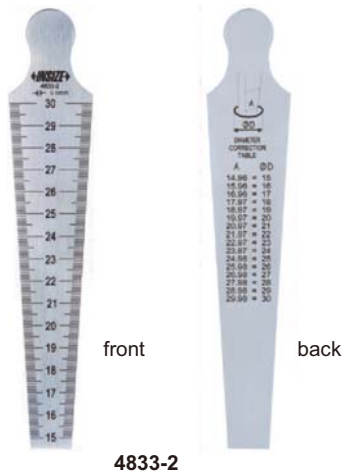
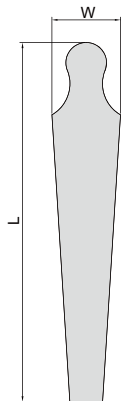


4832-1

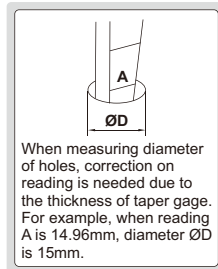
## FILLET WELDING GAGE



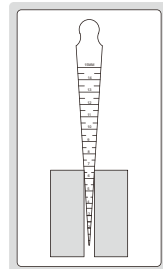
# TAPER GAGES



measure diameter of hole



measure slot width

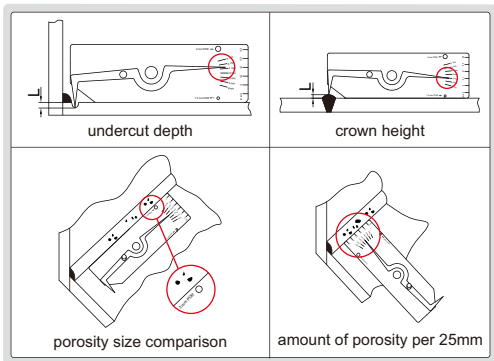


- Measure opening, slot width, hole diameter, etc.
- Diameter correction table on the back (only for **4833-1**, **4833-2**)
- Made of stainless steel

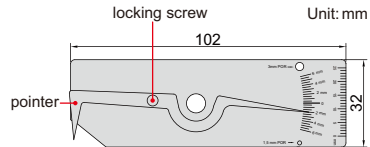
Code	Range	Graduation	Accuracy	L	W
<b>4833-1</b>	0.8-15mm	0.1mm	±0.1mm	146	17
<b>4833-2</b>	15-30mm	0.1mm	±0.1mm	159	30.4
<b>4833-3</b>	30-45mm	0.1mm	±0.1mm	166	45.4
<b>4833-4</b>	45-60mm	0.1mm	±0.1mm	170	60.5

# WELDING GAGE

- Pointer can be locked for later reference
- Made of stainless steel



4834-1



Code	Measurement	Range	Graduation	Accuracy
4834-1	undercut depth	0-6mm	0.5mm	±0.5mm
	crown height	0-6mm	0.5mm	±0.5mm
	porosity size comparison	1.5mm, 3mm	—	±0.2mm
	amount of porosity per 25mm	25mm	1mm	—

# WELDING GAGE

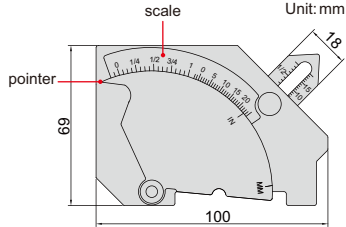


front



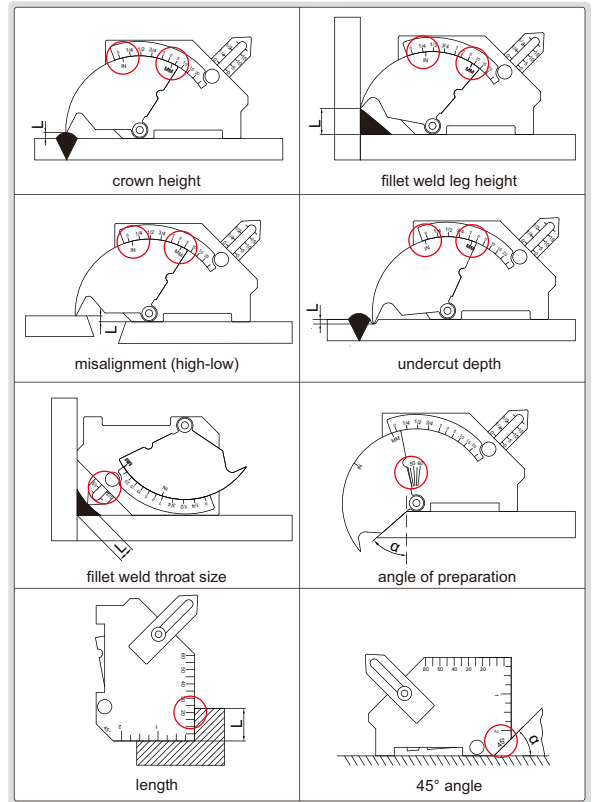
back

4835-1



- Adjustable scale to compensate pointer wear
- Made of stainless steel

Code	Measurement	Range	Graduation	Accuracy
4835-1	crown height	0-25mm (0-1")	1mm (1/16")	±0.5mm
	fillet weld leg height	0-25mm (0-1")	1mm (1/16")	±0.5mm
	misalignment (high-low)	0-25mm (0-1")	1mm (1/16")	±0.5mm
	undercut depth	0-2mm (0-1/8")	1mm (1/16")	±0.5mm
	fillet weld throat size	0-20mm (0-3/4")	1mm (1/16")	±0.5mm
	angle of preparation	0-60°	5°	±1°
	length	0-60mm (0-2")	1mm (1/16")	±0.5mm
	45° angle	—	—	±1°



# TAPER GAGE SET



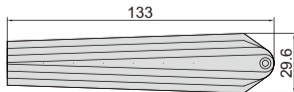
front

back

**4837-1**

- Include 4pcs  
(1-8mm, 8-15mm, 15-22mm, 22-29mm)
- Measure opening, slot width, hole diameter, etc.
- Diameter correction table on the back
- Made of stainless steel

Unit: mm

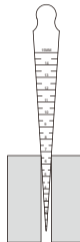


measure diameter of hole



When measuring diameter of holes, correction on reading is needed due to the thickness of taper gage. For example, when reading A is 14.96mm, diameter ØD is 15mm.

measure slot width



Code	Range	Graduation	Accuracy
<b>4837-1</b>	1-29mm	0.05mm	±0.05mm



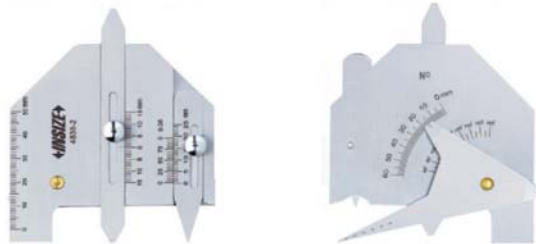
# WELDING GAGES



front

4838-1

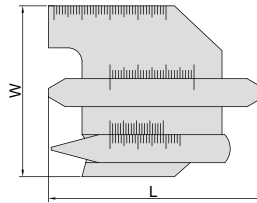
back



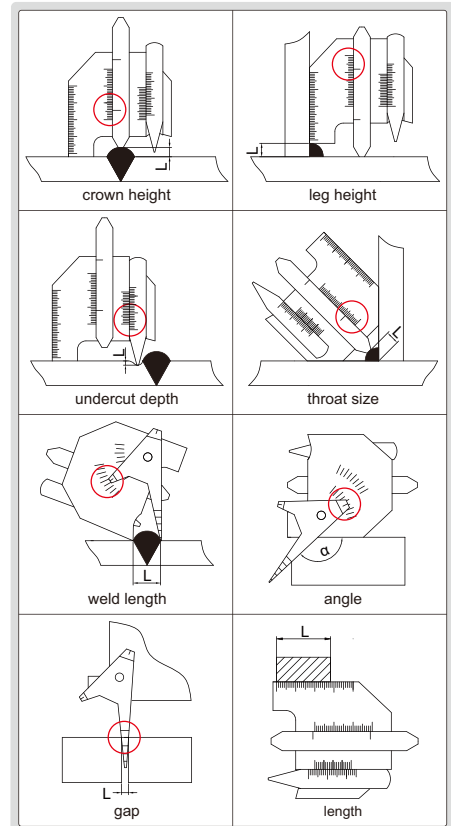
front

4838-2

back

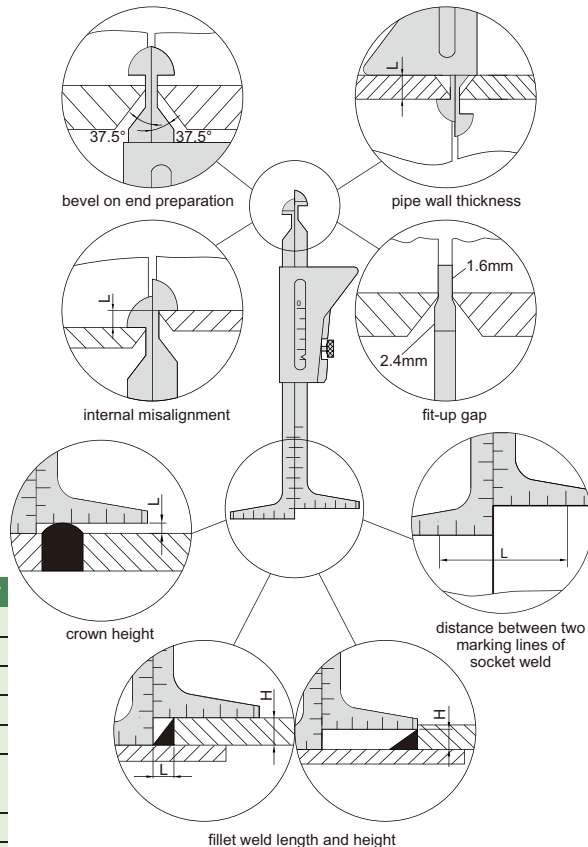
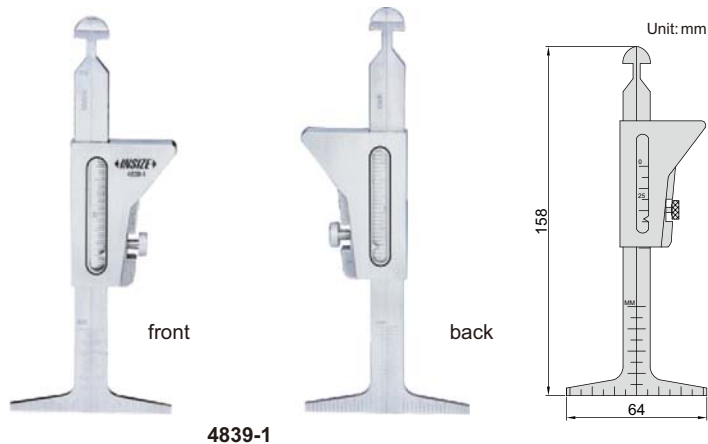


■ Made of stainless steel



Code	4838-1			4838-2		
Measurement	Range	Graduation	Accuracy	Range	Graduation	Accuracy
crown height	0-10mm	1mm	±0.5mm	0-15mm	1mm	±0.5mm
leg height	0-14mm	1mm	±0.5mm	0-15mm	1mm	±0.5mm
undercut depth	0-5mm	0.05mm	±0.05mm	0-5mm	0.05mm	±0.05mm
throat size	0-13mm	1mm	±0.5mm	0-13mm	1mm	±0.5mm
weld length	0-40mm	1mm	±1mm	0-60mm	1mm	±1mm
angle	90°-150°	5°	±1°	80°-160°	5°	±1°
gap	0.5-5mm	1mm	±0.5mm	1-6mm	1mm	±0.5mm
length	0-40mm	1mm	±0.5mm	0-50mm	1mm	±0.5mm
LxW	62x77mm			99x84mm		

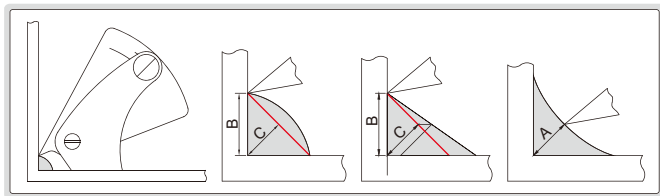
# PIPE WELDING GAGE



- Made of stainless steel

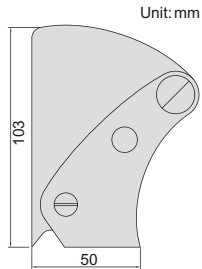
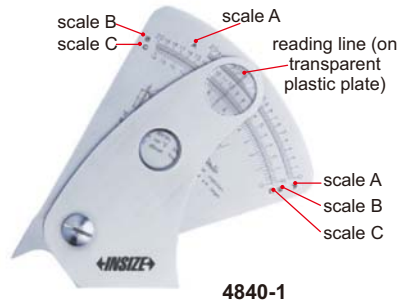
Code	Measurement	Range	Graduation	Accuracy
4839-1	bevel on end preparation	37.5°	—	±1°
	pipe wall thickness	0-45mm (0-1-3/4")	1mm (1/16")	±0.5mm
	internal misalignment	0-35mm (0-1-3/8")	1mm (1/32")	±0.5mm
	fit-up gap	1.6mm, 2.4mm	—	±0.1mm
	crown height	0-35mm (0-1-3/8")	1mm (1/32")	±0.5mm
	distance between two marking lines of socket weld	0-60mm (0-2-3/8")	1mm (1/16")	±0.5mm
	fillet weld length	0-30mm (0-1-1/4")	1mm (1/16")	±0.5mm
	fillet weld height	0-35mm (0-1-3/8")	1mm (1/32")	±0.5mm

# WELDING GAGE



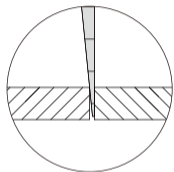
- Made of stainless steel

Code	Graduation	Accuracy
4840-1	0.2mm	±0.3mm

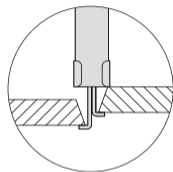


# PIPE WELDING GAGE

- Made of stainless steel



fit-up gap

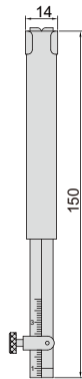


internal misalignment

Code	Measurement	Range	Graduation	Accuracy
4841-1	internal misalignment	0-30mm	1mm	±0.5mm
	fit-up gap	0.7-4mm	0.1mm	±0.1mm



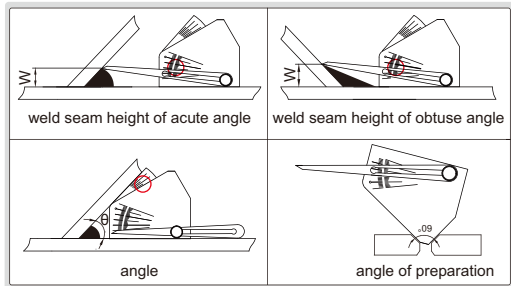
4841-1



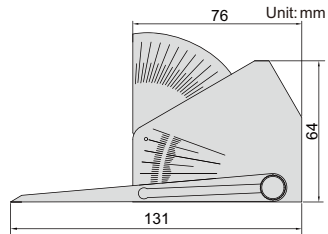
Unit: mm



# FILLET WELDING GAGE

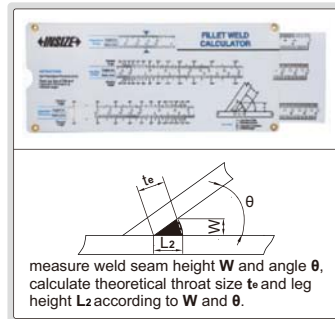


4846-1



- Calculating card is included
- Made of stainless steel

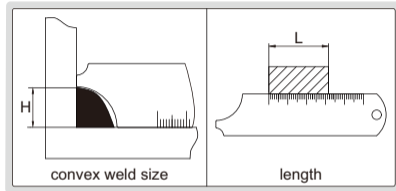
calculating card (included)



measure weld seam height **W** and angle  $\theta$ , calculate theoretical throat size  $t_e$  and leg height  $L_2$  according to **W** and  $\theta$ .

Code	Measurement	Range	Graduation	Accuracy
4846-1	weld seam height <b>W</b>	0-50mm/0-2"	2mm/.050"	±1mm
	angle $\theta$	30°- 90°	2.5°	±1°
	60° angle	—	—	±0.5°

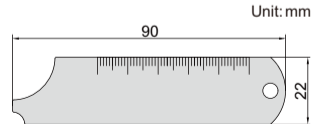
- Measure convex weld sizes
- 3 blades are included
- Made of stainless steel



## FILLET WELDING GAGE



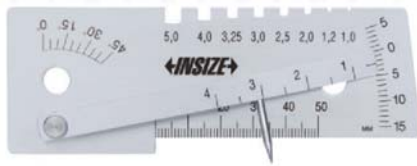
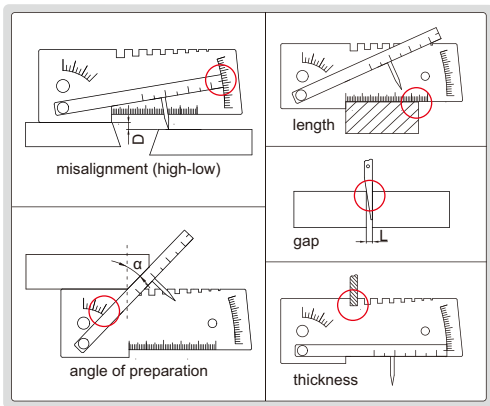
4847-1



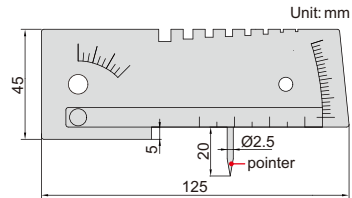
Code	Measurement	Range	Graduation	Accuracy
4847-1	convex weld size	4, 6, 8, 10, 12, 14mm	—	±0.5mm
	length	0 - 50mm	1mm	±0.5mm

# WELDING GAGE

- Made of stainless steel



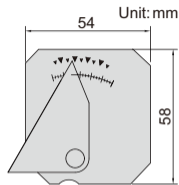
4848-1



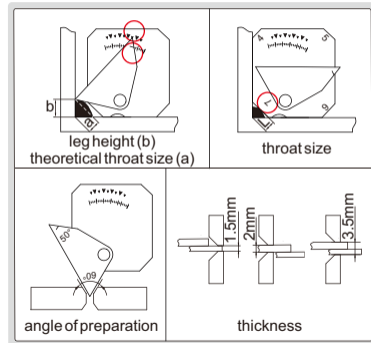
Code	Measurement	Range	Graduation	Accuracy
4848-1	misalignment (high-low)	-5mm~+15mm	1mm	±0.5mm
	angle of preparation	0°-45°	5°	±2.5°
	length	0-50mm	1mm	±0.5mm
	gap	1-4mm	0.5mm	±0.25mm
	thickness	1, 1.2, 2.0, 2.5, 3.0, 3.25, 4.0, 5.0mm	—	±0.1mm

# WELDING GAGE

- Made of stainless steel

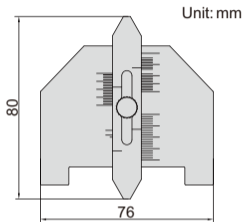


Code	Measurement	Range	Graduation	Accuracy
4850-1	leg height (b)	2-12mm	1mm	±0.5mm
	theoretical throat size (a)	0-18mm	1mm	±0.5mm
	throat size	4, 5, 6, 7mm	—	±0.5mm
	angle of preparation	50°, 60°	—	±1°
	thickness	1.5, 2, 3.5mm	—	±0.2mm





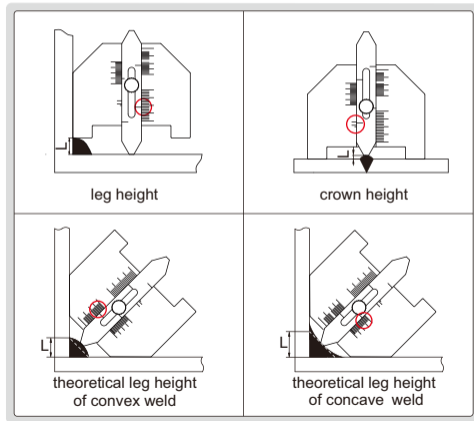
# WELDING GAGE



4851-1

- Made of stainless steel

Code	Measurement	Range	Graduation	Accuracy
4851-1	leg height	0-20mm	1mm	±0.5mm
	crown height	0-3mm	—	±0.5mm
	theoretical leg height of convex weld	0-20mm	1mm	±0.5mm
	theoretical leg height of concave weld	0-20mm	1mm	±0.5mm



# WELDING GAGE



front



back

6832-1

- Made of stainless steel
- Stain chrome plated surface

Code	Measurement	Range	Graduation	Accuracy
6832-1	leg length	0-20mm	1mm	±0.3mm
	leg height	0-20mm	1mm	±0.3mm
	crown height	0-20mm	1mm	±0.3mm
	throat size	0-10mm	1mm	±0.3mm
	angle	0°-60°	5°	±1°
	gap	1-3.5mm	0.5mm	±0.2mm
	length	0-40mm	1mm	±0.3mm

