

# THICKNESS GAUGE

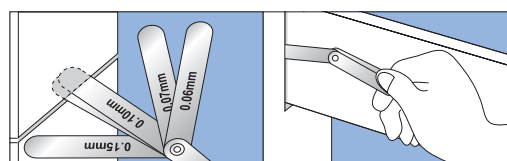
Suitable for measuring slight gaps where it is difficult to do with other measuring instruments



<b>For cutting necessary size▶</b> Feeler Gauge <b>P86</b> ~87	<b>Replaceable leaf▶</b> Thickness Gauge Leaf <b>P89</b>
<b>Rust-resistant type▶</b> Stainless Thickness Gauge <b>P90</b>	<b>Rust prevention▶</b> Zerust Film for Steel <b>P380</b>



65M



※Leaves can be combined for a wide range of measurements

## USE

- For measurement of gap width

## MATERIAL

- Carbon tool steel

## FEATURES

- Enables precise inspection by inserting the gauge into the gap between two flat surfaces
  - Suitable for measuring gap between piston and cylinder of automotive engine
  - Each of the gauges can be detached by unscrewing the clip of the cover (except 172 series)
  - Leaf width: 12.7mm
- ※White powder remains on the surface of the product is antirust agent

## ACCURACY

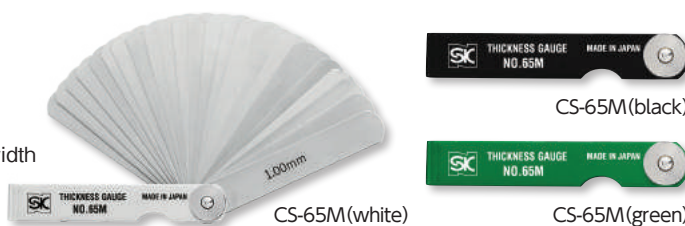
Leaf thickness (mm)	Tolerance (mm)
0.01~0.06	±0.005
0.07~0.10	±0.01
0.11~0.35	±0.015
0.40~0.60	±0.02
0.70~3.00	±0.035

Order No.	Model No.	Leaf Length (mm)	Pieces/ Set	Nominal Size (mm)	Weight
111032	172MA	75	9	0.04 0.05 0.06 0.07 0.08 0.10 0.15 0.20 0.30	30g
111033	172MB	100		30g	
111034	172MC	150		50g	
110970	172MD	230	10	0.03 0.04 0.05 0.08 0.10 0.15 0.20 0.25 0.30 0.40	70g
110971	172ME	300		90g	
110972	100MR	100		40g	
110973	150MR	150	10	0.01 0.02 0.03 0.04 0.05 0.06 0.07 0.08 0.09 0.10	60g
110974	100MK	100		30g	
110975	150MK	150		40g	
111038	60M	75	19	0.03 0.04 0.05 0.06 0.07 0.08 0.09 0.10 0.15 0.20	60g
111039	100MY	100		80g	
111040	150MY	150		120g	
111035	65M	75	25	0.03 0.04 0.05 0.06 0.07 0.08 0.09 0.10 0.11 0.12	80g
111036	100MZ	100		100g	
111037	150MZ	150		150g	
111031	72M	75	12	0.04 0.05 0.06 0.07 0.08 0.10 0.15 0.20 0.30 1.00	70g
111044	100MT	100		100g	
111045	150MT	150		140g	
110976	100ML	100	19	0.01 0.02 0.03 0.04 0.05 0.06 0.07 0.08 0.09 0.10	80g
110977	150ML	150		120g	
110978	80M	75		60g	
111046	100MX	100	13	0.03 0.04 0.05 0.06 0.07 0.08 0.10 0.15 0.20 0.30	90g
111047	150MX	150		140g	
111048	100MH	100		80g	
111049	150MH	150	10	0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00	110g

# THICKNESS GAUGE WITH COLOR SLEEVE



Same accuracy as regular THICKNESS GAUGE with three different color options - white, black and green



<b>For cutting necessary size▶</b> Feeler Gauge <b>P86 ~87</b>	<b>Replaceable leaf▶</b> Thickness Gauge Leaf <b>P89</b>
<b>Rust-resistant type▶</b> Stainless Thickness Gauge <b>P90</b>	<b>Rust prevention▶</b> Zerust Film for Steel <b>P380</b>

**USE**

- For measurement of gap width

**MATERIAL**

- Carbon tool steel

**FEATURES**

- Enables precise inspection by inserting the gauge into the gap between two flat surfaces
- Suitable for measuring gap between piston and cylinder of automotive engine
- Each of the gauges can be detached by unscrewing the clip of the cover (except 172 series)
- Leaf Width: 12.7mm
- ※Please specify color (White, Black, Green) at the time of order placement
- ※White powder remains on the surface of the product is antirust agent

**ACCURACY**

Leaf thickness (mm)	Tolerance (mm)
0.01~0.06	±0.005
0.07~0.10	±0.01
0.11~0.35	±0.015
0.40~0.60	±0.02
0.70~3.00	±0.035

Model No.	Leaf Length (mm)	Pieces/ Set	Size (mm)	Weight
CS-172MA	75	9	0.04 0.05 0.06 0.07 0.08 0.10 0.15 0.20 0.30	30g
CS-172MB	100			30g
CS-172MC	150		50g	
CS-100MR	100	10	0.03 0.04 0.05 0.08 0.10 0.15 0.20 0.25 0.30 0.40	40g
CS-150MR	150		60g	
CS-100MK	100		30g	
CS-150MK	150	10	0.01 0.02 0.03 0.04 0.05 0.06 0.07 0.08 0.09 0.10	40g
CS-60M	75		60g	
CS-100MY	100		80g	
CS-150MY	150	19	0.03 0.04 0.05 0.06 0.07 0.08 0.09 0.10 0.15 0.20	120g
CS-65M	75		80g	
CS-100MZ	100		100g	
CS-150MZ	150	25	0.13 0.14 0.15 0.20 0.25 0.30 0.35 0.40 0.45 0.50	150g
CS-72M	75		70g	
CS-100MT	100		100g	
CS-150MT	150	12	0.04 0.05 0.06 0.07 0.08 0.10 0.15 0.20 0.30 1.00	140g
CS-100ML	100		80g	
CS-150ML	150		120g	
CS-80M	75	19	0.01 0.02 0.03 0.04 0.05 0.06 0.07 0.08 0.09 0.10	60g
CS-100MX	100		90g	
CS-150MX	150		140g	
CS-100MH	100	13	1.00 2.00 3.00	80g
CS-150MH	150		80g	
CS-100MH	100		110g	



BLOCK GAUGE

PIN GAUGE

PIN VISE

PIN GAUGE ACCESSORIES

RING GAUGE

PLUG GAUGE

LIMIT GAUGE

THICKNESS GAUGE

TAPER GAUGE

WELDING GAUGE

OTHER GAUGES

# THICKNESS GAUGE LEAF



**MATERIAL**

- Carbon tool steel ●Leaf Width: 12.7mm
- ※White powder remains on the surface of the product is antirust agent

<b>For cutting necessary size▶</b> Feeler Gauge <b>P86 ~87</b>	<b>Rust prevention▶</b> Zerust Film for Steel <b>P380</b>
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■ Leaf Length: 100mm

Order No.	Model No.	Thickness (mm)
110801	S100-001	0.01
110802	S100-002	0.02
110803	S100-003	0.03
110804	S100-004	0.04
110805	S100-005	0.05
110806	S100-006	0.06
110807	S100-007	0.07
110808	S100-008	0.08
110809	S100-009	0.09
110810	S100-01	0.10
110811	S100-02	0.20
110812	S100-03	0.30
110813	S100-04	0.40
110814	S100-05	0.50
110815	S100-06	0.60
110816	S100-07	0.70
110817	S100-08	0.80
110818	S100-09	0.90
110819	S100-10	1.00

■ Leaf Length: 150mm

Order No.	Model No.	Thickness (mm)
110820	S150-001	0.01
110821	S150-002	0.02
110822	S150-003	0.03
110823	S150-004	0.04
110824	S150-005	0.05
110825	S150-006	0.06
110826	S150-007	0.07
110827	S150-008	0.08
110828	S150-009	0.09
110829	S150-01	0.10
110830	S150-02	0.20
110831	S150-03	0.30
110832	S150-04	0.40
110833	S150-05	0.50
110834	S150-06	0.60
110835	S150-07	0.70
110836	S150-08	0.80
110837	S150-09	0.90
110838	S150-10	1.00

# STAINLESS THICKNESS GAUGE **NEW!**

Rust-resistant stainless steel type now available



For cutting necessary size  
Feeler Gauge  
**P86**  
~87



## USE

- For measurement of gap width

## MATERIAL

- Stainless steel (SUS304H)

## FEATURES

- Rust-resistant stainless steel leaf
  - Accurate inspection can be done by inserting into a fine gap between two planes where difficult to measure
  - It is an indispensable measuring tools for automotive distance measurement of piston and cylinder of engine
  - Leaf width: 12.7mm
- ※ The gauge leaves are fixed by eyelet and cannot be replaced.

## ACCURACY

Leaf thickness (mm)	Tolerance (mm)
0.04~0.10	±0.005
0.15~0.30	±0.015

Order No.	Model No.	Leaf Length (mm)	Pieces /set	Size (mm)	Weight
<b>NEW!</b> 110681	S172MA	75	9	0.04 0.05 0.06 0.07 0.08 0.10 0.15 0.20 0.30	20g
<b>NEW!</b> 110682	S172MB	100			26g
<b>NEW!</b> 110683	S172MC	150			38g

# THICKNESS GAUGE LEAF **NEW!**



For cutting necessary size  
Feeler Gauge  
**P86**  
~87



## ACCURACY

Leaf size (mm)	Tolerance (mm)
0.04~0.10	±0.005
0.15~0.30	±0.015

## MATERIAL

- Stainless steel (SUS304H)
- Leaf width: 12.7mm

### ■ Leaf Length: 100mm

Order No.	Model No.	Thickness (mm)
<b>NEW!</b> 110764	SS-100-004	0.04
<b>NEW!</b> 110765	SS-100-005	0.05
<b>NEW!</b> 110766	SS-100-006	0.06
<b>NEW!</b> 110767	SS-100-007	0.07
<b>NEW!</b> 110768	SS-100-008	0.08
<b>NEW!</b> 110770	SS-100-010	0.10
<b>NEW!</b> 110771	SS-100-015	0.15
<b>NEW!</b> 110772	SS-100-020	0.20
<b>NEW!</b> 110773	SS-100-030	0.30

### ■ Leaf Length: 150mm

Order No.	Model No.	Thickness (mm)
<b>NEW!</b> 110777	SS-150-004	0.04
<b>NEW!</b> 110778	SS-150-005	0.05
<b>NEW!</b> 110779	SS-150-006	0.06
<b>NEW!</b> 110780	SS-150-007	0.07
<b>NEW!</b> 110781	SS-150-008	0.08
<b>NEW!</b> 110783	SS-150-010	0.10
<b>NEW!</b> 110784	SS-150-015	0.15
<b>NEW!</b> 110785	SS-150-020	0.20
<b>NEW!</b> 110786	SS-150-030	0.30