

ECP Series

Package of pin gauges in different sizes from 0.205mm and increasing in 0.01mm increments



Specifications(Class-0)

Set Range (mm)	Length (mm)	Tolerance	Roundness	Cylindricity
0.205mm ~ 0.995mm	40.00	$\pm 0.5 \mu\text{m}$	$0.3 \mu\text{m}$	$0.15 \mu\text{m}$
1.005mm ~ 10.005mm	50.00	$\pm 0.5 \mu\text{m}$	$0.3 \mu\text{m}$	$0.15 \mu\text{m}$

- All pin gauges are 58 HRC or harder.

Specifications(Class-1)

Set Range (mm)	Length (mm)	Tolerance	Roundness	Cylindricity
0.205mm ~ 0.995mm	40.00	$\pm 1 \mu\text{m}$	$0.8 \mu\text{m}$	$0.8 \mu\text{m}$
1.005mm ~ 10.005mm	50.00	$\pm 1 \mu\text{m}$	$0.8 \mu\text{m}$	$0.8 \mu\text{m}$
10.015mm ~ 15.005mm	50.00	$\pm 1.5 \mu\text{m}$	$1.3 \mu\text{m}$	$1.3 \mu\text{m}$

- All pin gauges are 58 HRC or harder.
- Pin gauge sizes up to 0.995mm are indicated on the plastic case. Pin gauge sizes 1.005mm and larger are also laser engraved onto the gauges.

The class 0 pin gauges are provided with measurement data.

Details of series

Set No.	Step (mm)	Set Size (mm)	Number of pins
ECP-0A	0.01 mm	0.205 0.215 ... 0.495 0.505	31
ECP-0B	0.01 mm	0.505 0.515 ... 0.995 1.005	51
ECP-1A	0.01 mm	1.005 1.015 ... 1.495 1.505	51
ECP-1B	0.01 mm	1.505 1.515 ... 1.995 2.005	51
ECP-2A	0.01 mm	2.005 2.015 ... 2.495 2.505	51
ECP-2B	0.01 mm	2.505 2.515 ... 2.995 3.005	51
ECP-3A	0.01 mm	3.005 3.015 ... 3.495 3.505	51
ECP-3B	0.01 mm	3.505 3.515 ... 3.995 4.005	51
ECP-4A	0.01 mm	4.005 4.015 ... 4.495 4.505	51
ECP-4B	0.01 mm	4.505 4.515 ... 4.995 5.005	51
ECP-5A	0.01 mm	5.005 5.015 ... 5.495 5.505	51
ECP-5B	0.01 mm	5.505 5.515 ... 5.995 6.005	51
ECP-6A	0.01 mm	6.005 6.015 ... 6.495 6.505	51
ECP-6B	0.01 mm	6.505 6.515 ... 6.995 7.005	51
ECP-7A	0.01 mm	7.005 7.015 ... 7.495 7.505	51
ECP-7B	0.01 mm	7.505 7.515 ... 7.995 8.005	51
ECP-8A	0.01 mm	8.005 8.015 ... 8.495 8.505	51
ECP-8B	0.01 mm	8.505 8.515 ... 8.995 9.005	51
ECP-9A	0.01 mm	9.005 9.015 ... 9.495 9.505	51
ECP-9B	0.01 mm	9.505 9.515 ... 9.995 10.005	51
ECP-10A	0.01 mm	10.005 10.015 ... 10.495 10.505	51
ECP-10B	0.01 mm	10.505 10.515 ... 10.995 11.005	51
ECP-11A	0.01 mm	11.005 11.015 ... 11.495 11.505	51
ECP-11B	0.01 mm	11.505 11.515 ... 11.995 12.005	51
ECP-12A	0.01 mm	12.005 12.015 ... 12.495 12.505	51
ECP-12B	0.01 mm	12.505 12.515 ... 12.995 13.005	51
ECP-13A	0.01 mm	13.005 13.015 ... 13.495 13.505	51
ECP-13B	0.01 mm	13.505 13.515 ... 13.995 14.005	51
ECP-14A	0.01 mm	14.005 14.015 ... 14.495 14.505	51
ECP-14B	0.01 mm	14.505 14.515 ... 14.995 15.005	51

※All gauges with $\phi 10.005$ or smaller diameters can be used as master pin gauges (class 0).
Custom made specifications are also available.

- ※Pin gauges with $\phi 10.015$ or larger diameters are standard pin gauges (class 1).