

EP Series

Package of pin gauges in different sizes from 0.05mm and increasing in 0.01mm increments



Specifications(Class-0)

Set Range (mm)	Length (mm)	Tolerance	Roundness	Cylindricity
0.20mm ~ 0.99mm	40.00	$\pm 0.5 \mu\text{m}$	$0.3 \mu\text{m}$	$0.15 \mu\text{m}$
1.00mm ~ 10.00mm	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
0.05mm ~ 0.99mm	40.00	$\pm 1 \mu\text{m}$	$0.8 \mu\text{m}$	$0.8 \mu\text{m}$
1.00mm ~ 10.00mm	50.00	$\pm 1 \mu\text{m}$	$0.8 \mu\text{m}$	$0.8 \mu\text{m}$
10.01mm ~ 20.00mm	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.
- The nominal sizes are indicated on the plastic case for gauges up to 0.99 mm; the nominal sizes on the pin gauges, as well gauges in sizes 1.00 mm and larger, are laser-engraved.

The class 0 pin gauges are provided with measurement data.

Details of series

Set No.	Step (mm)	Set Size (mm)	Number of pins
EP-00	0.01 mm	0.05 0.06 ... 0.19 0.20	16
EP-0A	0.01 mm	0.20 0.21 ... 0.49 0.50	31
EP-0B	0.01 mm	0.50 0.51 ... 0.99 1.00	51
EP-1A	0.01 mm	1.00 1.01 ... 1.49 1.50	51
EP-1B	0.01 mm	1.50 1.51 ... 1.99 2.00	51
EP-2A	0.01 mm	2.00 2.01 ... 2.49 2.50	51
EP-2B	0.01 mm	2.50 2.51 ... 2.99 3.00	51
EP-3A	0.01 mm	3.00 3.01 ... 3.49 3.50	51
EP-3B	0.01 mm	3.50 3.51 ... 3.99 4.00	51
EP-4A	0.01 mm	4.00 4.01 ... 4.49 4.50	51
EP-4B	0.01 mm	4.50 4.51 ... 4.99 5.00	51
EP-5A	0.01 mm	5.00 5.01 ... 5.49 5.50	51
EP-5B	0.01 mm	5.50 5.51 ... 5.99 6.00	51
EP-6A	0.01 mm	6.00 6.01 ... 6.49 6.50	51
EP-6B	0.01 mm	6.50 6.51 ... 6.99 7.00	51
EP-7A	0.01 mm	7.00 7.01 ... 7.49 7.50	51
EP-7B	0.01 mm	7.50 7.51 ... 7.99 8.00	51
EP-8A	0.01 mm	8.00 8.01 ... 8.49 8.50	51
EP-8B	0.01 mm	8.50 8.51 ... 8.99 9.00	51
EP-9A	0.01 mm	9.00 9.01 ... 9.49 9.50	51
EP-9B	0.01 mm	9.50 9.51 ... 9.99 10.00	51
EP-10A	0.01 mm	10.00 10.01 ... 10.49 10.50	51
EP-10B	0.01 mm	10.50 10.51 ... 10.99 11.00	51
EP-11A	0.01 mm	11.00 11.01 ... 11.49 11.50	51
EP-11B	0.01 mm	11.50 11.51 ... 11.99 12.00	51
EP-12A	0.01 mm	12.00 12.01 ... 12.49 12.50	51
EP-12B	0.01 mm	12.50 12.51 ... 12.99 13.00	51
EP-13A	0.01 mm	13.00 13.01 ... 13.49 13.50	51
EP-13B	0.01 mm	13.50 13.51 ... 13.99 14.00	51
EP-14A	0.01 mm	14.00 14.01 ... 14.49 14.50	51
EP-14B	0.01 mm	14.50 14.51 ... 14.99 15.00	51
EP-15A	0.01 mm	15.00 15.01 ... 15.49 15.50	51
EP-15B	0.01 mm	15.50 15.51 ... 15.99 16.00	51
EP-16A	0.01 mm	16.00 16.01 ... 16.49 16.50	51
EP-16B	0.01 mm	16.50 16.51 ... 16.99 17.00	51
EP-17A	0.01 mm	17.00 17.01 ... 17.49 17.50	51
EP-17B	0.01 mm	17.50 17.51 ... 17.99 18.00	51
EP-18A	0.01 mm	18.00 18.01 ... 18.49 18.50	51
EP-18B	0.01 mm	18.50 18.51 ... 18.99 19.00	51
EP-19A	0.01 mm	19.00 19.01 ... 19.49 19.50	51
EP-19B	0.01 mm	19.50 19.51 ... 19.99 20.00	51

- The nominal sizes are indicated on the plastic case for gauges up to 0.99 mm; the nominal sizes on the pin gauges, as well gauges in sizes 1.00 mm and larger, are laser-engraved.