

# STEEL PIN GAUGE SET AA series



Reduced wear **SUB-ZERO Treatment** Individual pin gauges are also available

## The most popular type

- Custom made Pin Gauges are available on request
- JCSS calibration available (less than 10,000mm)
- Aluminum Pin Vise is included with AA-0A to AA-9B  
Pin Vise is included with AA-0E to AA-6F
- For above 1,000mm, the nominal size is marked on gauge

## SPECIFICATIONS

Nominal Size (mm)	Step (mm)	Length (mm)	Tolerance ( $\mu\text{m}$ )	Out of Roundness/Cylindricity ( $\mu\text{m}$ )	Hardness (HV)
0.05 ... 0.09	0.01 step	5 - 10	$\pm 0.5$	0.5	Over 650
0.10 ... 0.19					
0.200 ... 0.999	0.001 step	40	$\pm 0.8$	0.5	
1,000 ... 10,000					
10.01 ... 20.00	0.01 step	50	$\pm 1.5$	0.8	
20.01 ... 30.00			$\pm 2$	1.6	
30.01 ... 41.00			$\pm 3$	3.0	

※30.01 ~ 41.00 are custom made

AA series is more accurate compared to conventional pin gauge

Tolerance	conventional	AA series
0.200...10.000mm	$\pm 1\mu\text{m}$	$\pm 0.8\mu\text{m}$
0.200...10.000mm	$0.8\mu\text{m}$	$0.5\mu\text{m}$
10.01 ... 20.00 mm	$1.3\mu\text{m}$	$0.8\mu\text{m}$



## AA series 0.010mm step

Model No.	Nominal Size (mm)	Pins per set	Aluminum Pin Vise
AA-00	0.06 · 0.07 · 0.08 ····· 0.290	24	
AA-0A	0.200 · 0.210 · 0.220 ····· 0.500	31	APV-0A
AA-0B	0.500 · 0.510 · 0.520 ····· 1.000	51	APV-0B
AA-1A	1.000 · 1.010 · 1.020 ····· 1.500	51	APV-1A
AA-1B	1.500 · 1.510 · 1.520 ····· 2.000	51	APV-1B
AA-2A	2.000 · 2.010 · 2.020 ····· 2.500	51	APV-2A
AA-2B	2.500 · 2.510 · 2.520 ····· 3.000	51	APV-2B
AA-3A	3.000 · 3.010 · 3.020 ····· 3.500	51	APV-3A
AA-3B	3.500 · 3.510 · 3.520 ····· 4.000	51	APV-3B
AA-4A	4.000 · 4.010 · 4.020 ····· 4.500	51	APV-4A
AA-4B	4.500 · 4.510 · 4.520 ····· 5.000	51	APV-4B
AA-5A	5.000 · 5.010 · 5.020 ····· 5.500	51	APV-5A
AA-5B	5.500 · 5.510 · 5.520 ····· 6.000	51	APV-5B
AA-6A	6.000 · 6.010 · 6.020 ····· 6.500	51	APV-6A
AA-6B	6.500 · 6.510 · 6.520 ····· 7.000	51	APV-6B
AA-7A	7.000 · 7.010 · 7.020 ····· 7.500	51	APV-7A
AA-7B	7.500 · 7.510 · 7.520 ····· 8.000	51	APV-7B
AA-8A	8.000 · 8.010 · 8.020 ····· 8.500	51	APV-8A
AA-8B	8.500 · 8.510 · 8.520 ····· 9.000	51	APV-8B
AA-9A	9.000 · 9.010 · 9.020 ····· 9.500	51	APV-9A
AA-9B	9.500 · 9.510 · 9.520 ····· 10.000	51	APV-9B
AA-10A	10.000 · 10.01 · 10.02 ····· 10.50	51	
AA-10B	10.50 · 10.51 · 10.52 ····· 11.00	51	
AA-11A	11.00 · 11.01 · 11.02 ····· 11.50	51	
AA-11B	11.50 · 11.51 · 11.52 ····· 12.00	51	
AA-12A	12.00 · 12.01 · 12.02 ····· 12.50	51	
AA-12B	12.50 · 12.51 · 12.52 ····· 13.00	51	
AA-13A	13.00 · 13.01 · 13.02 ····· 13.50	51	
AA-13B	13.50 · 13.51 · 13.52 ····· 14.00	51	
AA-14A	14.00 · 14.01 · 14.02 ····· 14.50	51	
AA-14B	14.50 · 14.51 · 14.52 ····· 15.00	51	
AA-15A	15.00 · 15.01 · 15.02 ····· 15.50	51	
AA-15B	15.50 · 15.51 · 15.52 ····· 16.00	51	
AA-16A	16.00 · 16.01 · 16.02 ····· 16.50	51	
AA-16B	16.50 · 16.51 · 16.52 ····· 17.00	51	
AA-17A	17.00 · 17.01 · 17.02 ····· 17.50	51	
AA-17B	17.50 · 17.51 · 17.52 ····· 18.00	51	
AA-18A	18.00 · 18.01 · 18.02 ····· 18.50	51	
AA-18B	18.50 · 18.51 · 18.52 ····· 19.00	51	
AA-19A	19.00 · 19.01 · 19.02 ····· 19.50	51	
AA-19B	19.50 · 19.51 · 19.52 ····· 20.00	51	

## AA series 0.005mm step

Model No.	Nominal Size (mm)	Pins per set	Aluminum Pin Vise
AA-0E	0.500 · 0.505 · 0.510 ····· 0.750	51	PV-0B
AA-0F	0.750 · 0.755 · 0.760 ····· 1.000	51	PV-0B
AA-1C	1.000 · 1.005 · 1.010 ····· 1.250	51	PV-1A
AA-1D	1.250 · 1.255 · 1.260 ····· 1.500	51	PV-1A
AA-1E	1.500 · 1.505 · 1.510 ····· 1.750	51	PV-1B
AA-1F	1.750 · 1.755 · 1.760 ····· 2.000	51	PV-1B
AA-2C	2.000 · 2.005 · 2.010 ····· 2.250	51	PV-2A
AA-2D	2.250 · 2.255 · 2.260 ····· 2.500	51	PV-2A
AA-2E	2.500 · 2.505 · 2.510 ····· 2.750	51	PV-2B
AA-2F	2.750 · 2.755 · 2.760 ····· 3.000	51	PV-2B
AA-3C	3.000 · 3.005 · 3.010 ····· 3.250	51	PV-3A
AA-3D	3.250 · 3.255 · 3.260 ····· 3.500	51	PV-3A
AA-3E	3.500 · 3.505 · 3.510 ····· 3.750	51	PV-3B
AA-3F	3.750 · 3.755 · 3.760 ····· 4.000	51	PV-3B
AA-4C	4.000 · 4.005 · 4.010 ····· 4.250	51	PV-4A
AA-4D	4.250 · 4.255 · 4.260 ····· 4.500	51	PV-4A
AA-4E	4.500 · 4.505 · 4.510 ····· 4.750	51	PV-4B
AA-4F	4.750 · 4.755 · 4.760 ····· 5.000	51	PV-4B
AA-5C	5.000 · 5.005 · 5.010 ····· 5.250	51	PV-5A
AA-5D	5.250 · 5.255 · 5.260 ····· 5.500	51	PV-5A
AA-5E	5.500 · 5.505 · 5.510 ····· 5.750	51	PV-5B
AA-5F	5.750 · 5.755 · 5.760 ····· 6.000	51	PV-5B
AA-6C	6.000 · 6.005 · 6.010 ····· 6.250	51	PV-6A
AA-6D	6.250 · 6.255 · 6.260 ····· 6.500	51	PV-6A
AA-6E	6.500 · 6.505 · 6.510 ····· 6.750	51	PV-6B
AA-6F	6.750 · 6.755 · 6.760 ····· 7.000	51	PV-6B
AA-7C	7.000 · 7.005 · 7.010 ····· 7.250	51	
AA-7D	7.250 · 7.255 · 7.260 ····· 7.500	51	
AA-7E	7.500 · 7.505 · 7.510 ····· 7.750	51	
AA-7F	7.750 · 7.755 · 7.760 ····· 8.000	51	
AA-8C	8.000 · 8.005 · 8.010 ····· 8.250	51	
AA-8D	8.250 · 8.255 · 8.260 ····· 8.500	51	
AA-8E	8.500 · 8.505 · 8.510 ····· 8.750	51	
AA-8F	8.750 · 8.755 · 8.760 ····· 9.000	51	
AA-9C	9.000 · 9.005 · 9.010 ····· 9.250	51	
AA-9D	9.250 · 9.255 · 9.260 ····· 9.500	51	
AA-9E	9.500 · 9.505 · 9.510 ····· 9.750	51	
AA-9F	9.750 · 9.755 · 9.760 ····· 10.000	51	