

DIAL DEPTH GAGE
SNAP GAGE
MEASURING BENCH
INSIDE AND OUTSIDE
THICKNESS GAGE
DIAL DEPTH GAGE
RADIUS GAGE



A860205

DIAL BORE GAGE



- Dial indicator graduation: metric 0.01mm
inch 0.0005"
- Dial indicator range: metric 0-3mm
inch 0-0.25"
- Ceramic moving tip and anvil except moving tip and anvil of 6-10mm/0.24-0.4", moving tip of 10-18mm/0.4-0.7", moving tip of 18-35mm/0.7-1.5"
- Packed in blow mould case or wooden box

Code	Range	Depth	Dial indicator bezel	Anvil type
2322-10	6-10mm	40mm	42mm	A
2322-18	10-18mm	100mm	42mm	B
2322-35	18-35mm	150mm	58mm	C
2322-50	35-50mm	150mm	58mm	D
2322-100	50-100mm	150mm	58mm	D
2322-160	50-160mm	150mm	58mm	D
2322-250	160-250mm	400mm	58mm	D
2322-450	250-450mm	400mm	58mm	D
Code	Range	Depth	Dial indicator bezel	Anvil type
2323-04	0.24-0.4"	1.57"	2.28"	A
2323-07	0.4-0.7"	4"	2.28"	B
2323-15	0.7-1.5"	6"	2.28"	C
2323-24	1.4-2.4"	6"	2.28"	D
2323-4	2-4"	6"	2.28"	D
2323-6	2-6"	6"	2.28"	D
2323-10	6-10"	16"	2.28"	D
2323-16	10-16"	16"	2.28"	D

DIAL BORE GAGE



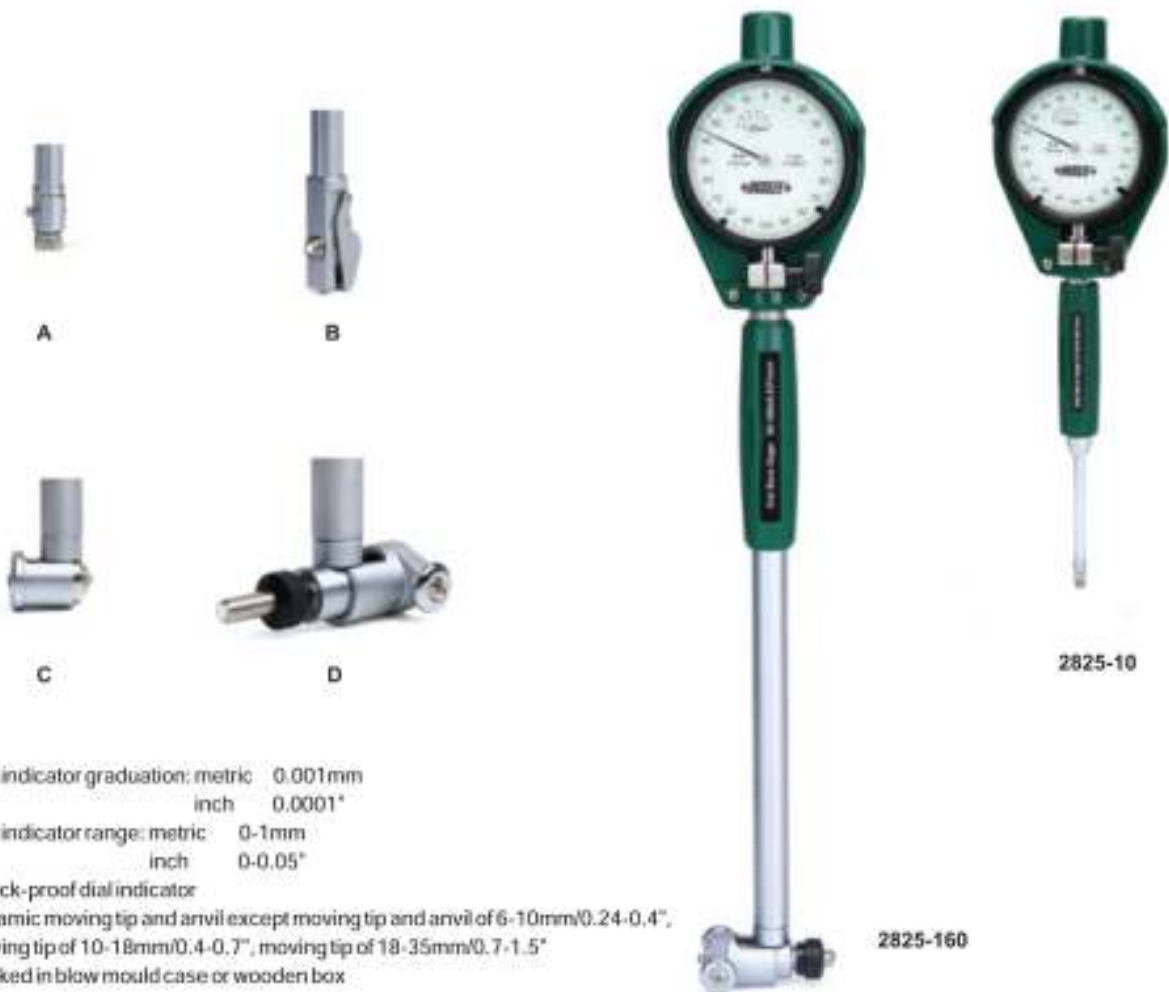
screw type anvil



- Dial indicator graduation: 0.01mm
- Dial indicator range: 0-3mm
- Ceramic moving tip and anvil
- Screw type anvil
- Packed in blow mould case or wooden box

Code	Range	Depth	Dial indicator bezel
2823-50	35-50mm	150mm	58mm
2823-100	50-100mm	150mm	58mm
2823-160	50-160mm	150mm	58mm
2823-250	100-250mm	400mm	58mm
2823-251	160-250mm	400mm	58mm
2823-450	250-450mm	400mm	58mm

PRECISION DIAL BORE GAGE



- Dial indicator graduation: metric 0.001mm
inch 0.0001"
- Dial indicator range: metric 0-1mm
inch 0-0.05"
- Shock-proof dial indicator
- Ceramic moving tip and anvil except moving tip and anvil of 6-10mm/0.24-0.4", moving tip of 10-18mm/0.4-0.7", moving tip of 18-35mm/0.7-1.5"
- Packed in blow mould case or wooden box

Code	Range	Depth	Dial indicator bezel	Anvil type
2825-10	6-10mm	40mm	58mm	A
2825-18	10-18mm	100mm	58mm	B
2825-35	18-35mm	150mm	58mm	C
2825-50	35-50mm	150mm	58mm	D
2825-100	50-100mm	150mm	58mm	D
2825-160	50-160mm	150mm	58mm	D
2825-250	160-250mm	250mm	58mm	D
2825-450	250-450mm	250mm	58mm	D
Code	Range	Depth	Dial indicator bezel	Anvil type
2826-04	0.24-0.4"	1.57"	2.28"	A
2826-07	0.4-0.7"	4"	2.28"	B
2826-15	0.7-1.5"	6"	2.28"	C
2826-24	1.4-2.4"	6"	2.28"	D
2826-4	2-4"	6"	2.28"	D
2826-6	2-6"	6"	2.28"	D
2826-10	6-10"	16"	2.28"	D
2826-16	10-16"	16"	2.28"	D

LONG DEPTH DIAL BORE GAGE



insert type anvil

- Optional depth: metric 0.5m, 1.5m, 2m
inch 19.7", 59.1", 78.7"
- Dial indicator graduation: metric 0.01mm
inch 0.0005"
- Dial indicator range: metric 0-3mm
inch 0-0.25"
- Ceramic moving tip and anvil
- Insert type anvil
- Packed in wooden box

Code	Range	Standard depth
2821-50	35-50mm	1m
2821-100	50-100mm	1m
2821-160	50-160mm	1m
2821-250	160-250mm	1m
2821-450	250-450mm	1m
Code	Range	Standard depth
2822-24	1.4-2.4"	39.4"
2822-4	2-4"	39.4"
2822-6	2-6"	39.4"
2822-10	6-10"	39.4"
2822-16	10-16"	39.4"



ELECTRONIC DIGITAL BORE GAGE



- Digital indicator: range 0-10mm/0-0.5"
resolution 0.002mm/0.0005"
rotary display in digit and analog
- Ceramic moving tip and anvil except moving tip and anvil of 6-10mm/0.24-0.4", moving tip of 10-18mm/0.4-0.7", moving tip of 18-35mm/0.7-1.5"
- With spare battery
- Packed in blow mould case or wooden box

Code	Range	Depth	Anvil type
2122-10	6-10mm	40mm	A
2122-18	10-18mm	100mm	B
2122-35	18-35mm	150mm	C
2122-50	35-50mm	150mm	D
2122-100	50-100mm	150mm	D
2122-160	50-160mm	150mm	D
2122-250	160-250mm	250mm	D
2122-450	250-450mm	250mm	D
Code	Range	Depth	Anvil type
2123-04	0.24-0.4"	1.57"	A
2123-07	0.4-0.7"	4"	B
2123-15	0.7-1.5"	6"	C
2123-24	1.4-2.4"	6"	D
2123-4	2-4"	6"	D
2123-6	2-6"	6"	D
2123-10	6-10"	16"	D
2123-16	10-16"	16"	D

ELECTRONIC DIGITAL BORE GAGE SET

- Digital indicator: range 0-10mm/0-0.5"
resolution 0.002mm/0.0005"
rotary display in digit and analog
- Ceramic moving tip and anvil except moving tip of 18-35mm/0.7-1.5"
- With spare battery CR2032
- Packed in aluminum box

Code	Range
2122-S3	18-160mm (3pcs)
2122-S2	35-160mm (2pcs)
2123-S3	0.7-6" (3pcs)
2123-S2	1.4-6" (2pcs)



DIAL BORE GAGE SET

- Dial indicator graduation: metric 0.01mm
inch 0.0005"
- Dial indicator range: metric 0-3mm
inch 0-0.25"
- Ceramic moving tip and anvil
except moving tip of 18-35mm/0.7-1.5"
- Packed in aluminum box

Code	Range
2322-S3	18-160mm (3pcs)
2322-S2	35-160mm (2pcs)
2323-S3	0.7-6" (3pcs)
2323-S2	1.4-6" (2pcs)



DIAL BORE GAGE



- Dial indicator graduation: 0.01mm
- Dial indicator range: 0-3mm
- Packed in wooden box

Code	Range	Depth
2820-4	3-4mm	20mm
2820-6	4-6mm	30mm
2820-10	6-10mm	40mm
2820-18	10-18mm	130mm

BORE GAGE ZERO SETTER



- Used together with gage blocks to set zero of bore gage
- Packed in wooden box

Code	Range
2395-400	18-400mm/0.7-16"



PISTOL GRIP THREE POINTS BORE GAGE



- Digital indicator: range 0-10mm/0-0.5"
resolution 0.001mm/0.00005"
rotary display in digit and analog
- With standard ring and extension rod
- Carbide tips
- Packed in aluminum box

Code	Range	Standard ring diameter	Depth(mm)	Extension rod
2124-8	6-8mm/0.275-0.35"	6mm	50mm/2"	100mm/4"
2124-10	8-10mm/0.35-0.425"	8mm	50mm/2"	100mm/4"
2124-12	10-12mm/0.425-0.5"	10mm	50mm/2"	100mm/4"
2124-16	12-16mm/0.5-0.65"	16mm	65mm/2.6"	150mm/6"
2124-20	16-20mm/0.65-0.8"	16mm	65mm/2.6"	150mm/6"
2124-25	20-25mm/0.8-1"	25mm	91mm/3.64"	150mm/6"
2124-30	25-30mm/1-1.2"	25mm	91mm/3.64"	150mm/6"
2124-40	30-40mm/1.2-1.6"	40mm	97mm/3.88"	150mm/6"
2124-50	40-50mm/1.6-2"	40mm	97mm/3.88"	150mm/6"
2124-63	50-63mm/2-2.5"	62mm	112mm/4.48"	150mm/6"
2124-75	62-75mm/2.5-3"	62mm	112mm/4.48"	150mm/6"
2124-88	75-88mm/3-3.5"	87mm	112mm/4.48"	150mm/6"
2124-100	87-100mm/3.5-4"	87mm	112mm/4.48"	150mm/6"
2124-125	100-125mm/4-5"	112.5mm (optional)	130mm/5.2"	150mm/6"
2124-150	125-150mm/5-6"	137.5mm (optional)	130mm/5.2"	150mm/6"
2124-175	150-175mm/6-7"	162.5mm (optional)	130mm/5.2"	150mm/6"
2124-200	175-200mm/7-8"	187.5mm (optional)	130mm/5.2"	150mm/6"
2124-225	200-225mm/8-9"	212.5mm (optional)	130mm/5.2"	150mm/6"
2124-250	225-250mm/9-10"	237.5mm (optional)	130mm/5.2"	150mm/6"
2124-275	250-275mm/10-11"	262.5mm (optional)	130mm/5.2"	150mm/6"
2124-300	275-300mm/11-12"	287.5mm (optional)	130mm/5.2"	150mm/6"

Code	Range	Individual range	Extension rod	Standard ring diameter
2124-S123	6-12mm/0.275-0.5"	6-8mm, 8-10mm, 10-12mm (0.275-0.35", 0.35-0.425", 0.425-0.5")	100mm/4"	6mm, 8mm, 10mm
2124-S202	12-20mm/0.5-0.8"	12-16mm, 16-20mm (0.5-0.65", 0.65-0.8")	150mm/6"	16mm
2124-S504	20-50mm/0.8-2"	20-25mm, 25-30mm, 30-40mm, 40-50mm (0.8-1", 1-1.2", 1.2-1.6", 1.6-2")	150mm/6"	25mm, 40mm
2124-S100	50-100mm/2-4"	50-63mm, 62-75mm, 75-88mm, 87-100mm (2-2.5", 2.5-3", 3-3.5", 3.5-4")	150mm/6"	62mm, 87mm

ELECTRONIC DIGITAL SNAP GAGE



Code	Range
2184-25	0-25mm/0-1"
2184-50	0-50mm/0-2"
2184-100	50-100mm/2-4"
2184-150	100-150mm/4-6"
2184-200	150-200mm/6-8"

- Digital indicator: range 0-10mm/0-0.5"
resolution 0.001mm/0.00005"
rotary display in digit and analog,
tolerance measurement
- Anvil travel 3mm/0.118"
- Carbide flat tips Ø8mm/0.32"
- With spare battery
- Packed in aluminum box

ELECTRONIC DIGITAL SNAP GAGE



Code	Range
2185-25	0-25mm/0-1"
2185-50	25-50mm/1-2"
2185-75	50-75mm/2-3"
2185-100	75-100mm/3-4"
2185-125	100-125mm/4-5"
2185-150	125-150mm/5-6"
2185-175	150-175mm/6-7"
2185-200	175-200mm/7-8"
2185-225	200-225mm/8-9"
2185-250	225-250mm/9-10"
2185-275	250-275mm/10-11"
2185-300	275-300mm/11-12"

- Digital indicator: range 0-10mm/0-0.5"
resolution 0.001mm/0.00005"
rotary display in digit and analog,
tolerance measurement
- Workpiece support platform Ø15mm/0.6"
- Moving anvil travel 3mm/0.12"
- Measuring anvil: 14x11mm/0.6x0.4"
- With spare battery
- Packed in aluminum box

ELECTRONIC DIGITAL SNAP GAGE



Code	Range
2336-25	0-25mm/0-1"
2336-50	25-50mm/1-2"
2336-75	50-75mm/2-3"
2336-100	75-100mm/3-4"
2336-125	100-125mm/4-5"
2336-150	125-150mm/5-6"

- Electronic digital indicator range 0-10mm/0.5", resolution 0.001mm/0.00005"
- Carbide measuring anvil
- Lifting lever mounted on either right or left side
- Adjustable workpiece support
- Packed in wooden box

MEASURING BENCH



- Digital indicator range 0-10mm/0-0.5"
- Resolution : 0.001mm/0.00005"
- Used horizontally or vertically
- Measuring tips: cylinder tips $\varnothing 1.2\text{mm}/0.05"$
cylinder tips $\varnothing 2\text{mm}/0.08"$
blade tips width 6mm/0.24" thickness 0.5mm/0.02"
- Packed in wooden box

Code	Range
2393-30	0-30mm/0-1.18"

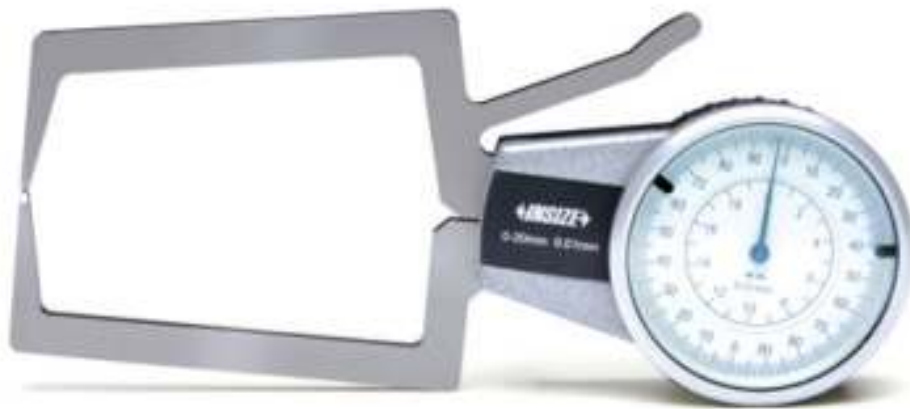
INSIDE DIAL CALIPER GAGE



- Graduation: metric 0.01mm
inch 0.0005"
- Option: sphere tip $\varnothing 1.5\text{mm}/0.060"$
- Packed in aluminum box or plastic box

Code	Range	Arm length	Tip height	Tip radius
2222-15	5-15mm	20mm	1.5mm	0.3mm
2222-20	10-20mm	25mm	3.0mm	0.3mm
2222-30	20-30mm	30mm	6.5mm	0.5mm
2222-40	30-40mm	30mm	9.0mm	0.5mm
2222-50	40-50mm	30mm	9.0mm	0.5mm
Code	Range	Arm length	Tip height	Tip radius
2222-25	5-25mm	35mm	1.5mm	0.3mm
2222-301	10-30mm	55mm	3.5mm	0.5mm
2222-401	20-40mm	80mm	6.5mm	0.5mm
2222-501	30-50mm	80mm	8.5mm	0.5mm
2222-60	40-60mm	80mm	8.5mm	0.5mm
Code	Range	Arm length	Tip height	Tip radius
2222-E06	0.2-0.6"	0.787"	0.059"	0.012"
2222-E08	0.4-0.8"	0.984"	0.118"	0.012"
2222-E12	0.8-1.2"	1.181"	0.256"	0.02"
2222-E16	1.2-1.6"	1.181"	0.354"	0.02"
2222-E20	1.6-2.0"	1.181"	0.354"	0.02"
Code	Range	Arm length	Tip height	Tip radius
2222-E10	0.2-1.0"	1.378"	0.059"	0.012"
2222-E121	0.4-1.2"	2.165"	0.138"	0.02"
2222-E161	0.8-1.6"	3.150"	0.256"	0.02"
2222-E201	1.2-2.0"	3.150"	0.335"	0.02"
2222-E24	1.6-2.4"	3.150"	0.335"	0.02"

OUTSIDE DIAL CALIPER GAGE



- Graduation: metric 0.01mm
inch 0.0005"
- Option: sphere tip $\varnothing 1,5\text{mm}/0,060''$
- Packed in aluminum box or plastic box

Code	Range	Arm length	Tip height	Tip radius
2333-10	0-10mm	40mm	8mm	0.5mm
2333-20	10-20mm	40mm	8mm	0.5mm
2333-30	20-30mm	40mm	8mm	0.5mm
2333-40	30-40mm	40mm	8mm	0.5mm
2333-50	40-50mm	40mm	8mm	0.5mm
Code	Range	Arm length	Tip height	Tip radius
2333-201	0-20mm	80mm	25mm	0.75mm
2333-301	10-30mm	80mm	25mm	0.75mm
2333-401	20-40mm	80mm	25mm	0.75mm
2333-501	30-50mm	80mm	25mm	0.75mm
2333-601	40-60mm	80mm	25mm	0.75mm
Code	Range	Arm length	Tip height	Tip radius
2333-E04	0-0.4"	1.575"	0.315"	0.02"
2333-E08	0.4-0.8"	1.575"	0.315"	0.02"
2333-E12	0.8-1.2"	1.575"	0.315"	0.02"
2333-E16	1.2-1.6"	1.575"	0.315"	0.02"
2333-E20	1.6-2.0"	1.575"	0.315"	0.02"
Code	Range	Arm length	Tip height	Tip radius
2333-E081	0-0.8"	3.150"	0.984"	0.03"
2333-E121	0.4-1.2"	3.150"	0.984"	0.03"
2333-E161	0.8-1.6"	3.150"	0.984"	0.03"
2333-E201	1.2-2.0"	3.150"	0.984"	0.03"
2333-E24	1.6-2.4"	3.150"	0.984"	0.03"

INSIDE DIAL CALIPER GAGE



Code	Range	Arm length	Tip length x diameter
2321-35	15-35mm	50mm	3x3mm
2321-55	35-55mm	80mm	6x3mm
2321-75	55-75mm	90mm	8x3mm
2321-95	75-95mm	100mm	8x3.2mm
2321-115	95-115mm	150mm	10x3.2mm
2321-135	115-135mm	150mm	10x3.2mm
Code	Range	Arm length	Tip length x diameter
2321-14	0.6-1.4"	1.9"	0.118x0.118"
2321-22	1.4-2.2"	3.1"	0.236x0.118"
2321-30	2.2-3.0"	3.1"	0.315x0.118"
2321-38	3.0-3.8"	3.9"	0.315x0.118"

- Graduation:
metric 0.01mm
inch 0.0005"
- Pin tips
- Packed in wooden box or plastic box

OUTSIDE DIAL CALIPER GAGE



Code	Range	Arm length	Tip length x diameter
2332-20	0-20mm	60mm	6x3mm
2332-40	20-40mm	60mm	6x3mm
2332-60	40-60mm	55mm	6x3mm
2332-80	60-80mm	55mm	6x3mm
2332-100	80-100mm	55mm	6x3mm
Code	Range	Arm length	Tip length x diameter
2332-08	0-0.8"	2.3"	0.236x0.118"
2332-16	0.8-1.6"	2.3"	0.236x0.118"
2332-24	1.6-2.4"	2.1"	0.236x0.118"
2332-32	2.4-3.2"	2.1"	0.236x0.118"
2332-41	3.2-4.0"	2.1"	0.236x0.118"

- Graduation:
metric 0.01mm
inch 0.0005"
- Pin tips
- Packed in wooden box or plastic box

ELECTRONIC DIGITAL INSIDE CALIPER GAGE

- Resolution: 0.01mm/0.0005"
- Option: sphere tip \varnothing 1.5mm/0.060"
- Rotary display in digit and analog
- RS232 output port, automatic power off
- Functions: data set, ABS/INC, mm/inch, max/min, data holding, tolerance measurement
- With spare battery
- Packed in aluminum box or plastic box



Code	Range	Arm length	Tip height	Tip radius
2121-15	5-15mm/0.2-0.6"	20mm/0.79"	1.5mm/0.06"	0.3mm/0.01"
2121-20	10-20mm/0.4-0.8"	25mm/0.98"	3.0mm/0.12"	0.3mm/0.01"
2121-30	20-30mm/0.8-1.2"	30mm/1.18"	6.5mm/0.26"	0.5mm/0.02"
2121-40	30-40mm/1.2-1.6"	30mm/1.18"	9.0mm/0.35"	0.5mm/0.02"
2121-50	40-50mm/1.6-2.0"	30mm/1.18"	9.0mm/0.35"	0.5mm/0.02"
Code	Range	Arm length	Tip height	Tip radius
2121-25	5-25mm/0.2-1.0"	35mm/1.38"	2.0mm/0.08"	0.3mm/0.01"
2121-31	10-30mm/0.4-1.2"	55mm/2.17"	5.5mm/0.22"	0.5mm/0.02"
2121-41	20-40mm/0.8-1.6"	80mm/3.15"	6.5mm/0.26"	0.5mm/0.02"
2121-51	30-50mm/1.2-2.0"	80mm/3.15"	8.5mm/0.33"	0.5mm/0.02"
2121-61	40-60mm/1.6-2.4"	80mm/3.15"	8.5mm/0.33"	0.5mm/0.02"

ELECTRONIC DIGITAL OUTSIDE CALIPER GAGE

- Resolution: 0.01mm/0.0005"
- Option: sphere tip \varnothing 1.5mm/0.060"
- Rotary display in digit and analog
- RS232 output port, automatic power off
- Functions: data set, ABS/INC, mm/inch, max/min, data holding, tolerance measurement
- With spare battery
- Packed in aluminum box or plastic box



Code	Range	Arm length	Tip height	Tip radius
2131-10	0-10mm/0-0.4"	40mm/1.57"	8mm/0.31"	0.5mm/0.02"
2131-20	10-20mm/0.4-0.8"	40mm/1.57"	8mm/0.31"	0.5mm/0.02"
2131-30	20-30mm/0.8-1.2"	40mm/1.57"	8mm/0.31"	0.5mm/0.02"
2131-40	30-40mm/1.2-1.6"	40mm/1.57"	8mm/0.31"	0.5mm/0.02"
2131-50	40-50mm/1.6-2.0"	40mm/1.57"	8mm/0.31"	0.5mm/0.02"
Code	Range	Arm length	Tip height	Tip radius
2131-21	0-20mm/0-0.8"	80mm/3.15"	25mm/0.98"	0.75mm/0.03"
2131-31	10-30mm/0.4-1.2"	80mm/3.15"	25mm/0.98"	0.75mm/0.03"
2131-41	20-40mm/0.8-1.6"	80mm/3.15"	25mm/0.98"	0.75mm/0.03"
2131-51	30-50mm/1.2-2.0"	80mm/3.15"	25mm/0.98"	0.75mm/0.03"
2131-61	40-60mm/1.6-2.4"	80mm/3.15"	25mm/0.98"	0.75mm/0.03"

THICKNESS GAGE



Code	Range	Graduation
2361-10	0-10mm	0.1mm
2361-E05	0-0.5"	0.001"

- Lie-down use is possible for small article on the table
- Aluminum body
- Bezel diameter 40mm/1.57"
- Measuring depth 14mm/0.55"
- Packed in plastic box

THICKNESS GAGE



Code	Range	Graduation
2363-10	0-10mm	0.01mm
Code	Range	Graduation
2363-051	0-0.5"	0.001"
2363-055	0-0.5"	0.0005"

- Stainless steel measuring tips $\varnothing 6\text{mm}/0.24"$
- Aluminum body
- Bezel diameter 49mm/1.93"
- Measuring depth 10mm/0.39"
- Packed in plastic box

THICKNESS GAGE



Code	Range	Graduation
2861-10	0-10mm	0.01mm
2861-E05	0-0.5"	0.001"

- Ceramic measuring tips $\varnothing 10\text{mm}/0.40''$
- Aluminum body
- Bezel diameter 55mm/2.17"
- Measuring depth 25mm/1"
- Packed in plastic box

ELECTRONIC DIGITAL THICKNESS GAGE

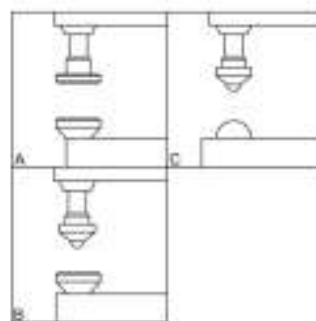


Code	Range
2867-10	0-10mm/0.5"

- Resolution: 0.01mm/0.0005"
- Ceramic measuring tips, diameter 10mm/0.40"
- Measuring depth 25mm/1"
- Aluminum body
- CR2032 battery, with spare battery
- USB data output
- Packed in plastic box



THICKNESS GAGE

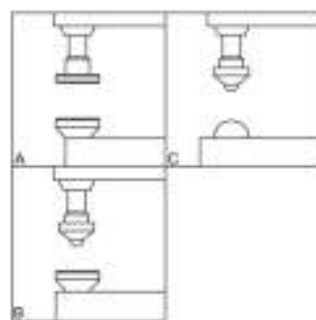


Code	Range	Graduation
2366-30	0-30mm	0.01mm
Code	Range	Graduation
2366-1	0-1"	0.001"
2366-2	0-1"	0.0005"

- Flat ceramic measuring tips $\varnothing 10\text{mm}/0.40"$
- Option: A-flat stainless steel tips $\varnothing 10\text{mm}/0.40"$
 B-upper tip sphere $\varnothing 3\text{mm}/0.12"$,
 lower tip flat $\varnothing 10\text{mm}/0.40"$
 C-upper tip sphere $\varnothing 3\text{mm}/0.12"$,
 lower tip sphere $\varnothing 8\text{mm}/0.31"$
- Bezel diameter 58mm/2.28"
- Aluminum body
- Measuring depth 30mm/1.18"
- Packed in plastic box



THICKNESS GAGE



Code	Range	Graduation
2365-10	0-10mm	0.01mm
2365-20	0-20mm	0.01mm
Code	Range	Graduation
2365-051	0-0.5"	0.001"
2365-055	0-0.5"	0.0005"

- Flat ceramic measuring tips $\varnothing 10\text{mm}/0.40"$
- Option: A-flat stainless steel tips $\varnothing 10\text{mm}/0.40"$
 B-upper tip sphere $\varnothing 3\text{mm}/0.12"$,
 lower tip flat $\varnothing 10\text{mm}/0.40"$
 C-upper tip sphere $\varnothing 3\text{mm}/0.12"$,
 lower tip sphere $\varnothing 8\text{mm}/0.31"$
- Bezel diameter 58mm/2.28"
- Aluminum body
- Measuring depth 120mm/4.72"
- Packed in plastic box

PRECISION THICKNESS GAGE



Code	Range	Graduation
2360-1	0-1mm	0.001mm

- Stainless steel tips Ø6mm
- Bezel diameter 58mm
- Aluminum body
- Measuring throat depth 28mm
- Packed in plastic box

THICKNESS GAGE



Code	Range	Graduation
2369-30	0-30mm	0.01mm
2369-E1	0-1"	0.005"

- Stainless steel tips Ø10mm/0.40"
- Bezel diameter 60mm/2.375"
- Aluminum body
- Measuring depth 430mm/16.93"
- With support
- Packed in wooden box

THICKNESS GAGE



Code	Range	Arm length
2862-101	0-10mm	35mm
2862-102	0-10mm	63mm

- Graduation: 0.05mm
- Bezel diameter 50mm
- Packed in plastic box

THICKNESS GAGE



Code	Range	Arm length
2863-10	0-10mm	35mm

- Graduation: 0.05mm
- Bezel diameter 50mm
- Packed in plastic box

THICKNESS GAGE WITH POINTED TIPS



Code	Range	Arm length
2866-10	0-10mm	35mm

- Small tips fit into small grooves and recesses
- Graduation 0.05mm
- Bezel diameter 50mm
- Packed in plastic box

THICKNESS GAGE



Code	Range	Graduation
2367-10	0-10mm	0.01mm
Code	Range	Graduation
2367-051	0-0.5"	0.001"
2367-055	0-0.5"	0.0005"

- For pipe wall thickness
- Bezel diameter 58mm/2.28"
- Aluminum body
- Measuring depth 22mm/0.87"
- Packed in plastic box

THICKNESS GAGE WITH POINTED TIPS



Code	Range	Graduation
2865-10	0-10mm	0.01mm
2865-051	0-0.5"	0.001"

- Small tips fit into small grooves and recesses
- Arm length 35mm/1.38"
- Bezel diameter 50mm/2.28"
- Packed in plastic box

THICKNESS GAGE WITH ROLLING WHEEL



- For continuous measurement
- Wheel width 7mm
- Bezel diameter 58mm
- Aluminum body
- Measuring depth 100mm
- Packed in wooden box

Code	Range	Graduation
2368-10	0-10mm	0.01mm

THICKNESS GAGE WITH CONSTANT PRESSURE



- Constant pressure 0.1Mpa
- For measurement of plastic film, paper and metal sheet
- Measuring tip $\varnothing 6\text{mm}$
- Bezel diameter 58mm
- Packed in wooden box

Code	Range	Graduation
2362-5	0-5mm	0.01mm
2362-1	0-1mm	0.001mm

ELECTRONIC DIGITAL THICKNESS GAGE



2166-25

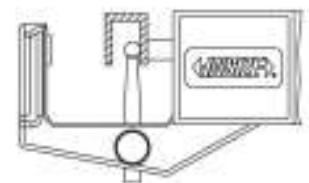
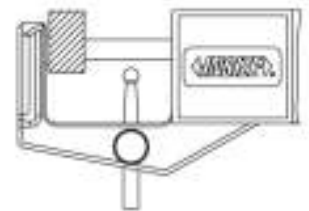


2166-12

Code	Range
2166-12	0-12mm/0-0.5"
2166-25	0-25mm/0-1"

- Resolution: 0.01mm/0.0005"
- Stainless steel measuring tips
- Aluminum body, with spare battery
- Packed in plastic box

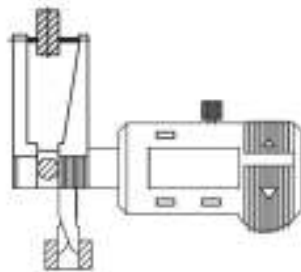
ELECTRONIC DIGITAL THICKNESS GAGE



Code	Thickness range	Tube wall thickness range
2163-25	0-25mm/0-1"	0-2mm/0.08"

- Patented
- For thickness and tube wall thickness measurement
- Resolution: 0.01mm/0.0005"
- Measuring tips $\varnothing 5\text{mm}/0.19\text{'}$
- With spare battery
- Aluminum body
- Packed in plastic box

ELECTRONIC DIGITAL 3-PURPOSE GAGE



Code	Range
2164-15	0-15mm/0-0.6"
2164-25	0-25mm/0-1"

- Resolution: 0.01mm/0.0005"
- SR44 battery, with spare battery
- Data output
- Made of hardened stainless steel
- Packed in plastic box

ELECTRONIC THICKNESS CALIPER



Code	Range
1163-50	0-50mm/0-2"
1163-80	0-80mm/0-3"

- Resolution: 0.01mm/0.0005"
- With round flat tips
- Standard measuring depth: 50mm/2"
- Buttons: zero, power on/off, inch/mm conversion
- Battery SR44, with one spare battery
- Hardened stainless steel construction
- Data output
- Packed in plastic box

DIAL DEPTH GAUGE



2341-102



2341-103

- Hardened stainless steel base
- Three rods with spherical end: metric 0-10mm, 10-20mm, 20-30mm
inch 0-0.4", 0.4-0.8", 0.8-1.2"
- Packed in plastic box

Code	Range	Dial indicator range	Dial indicator graduation	Base
2341-101	0-30mm	0-10mm	0.01mm	63x17mm
2341-102	0-30mm	0-10mm	0.01mm	101.5x17mm
2341-103	0-30mm	0-10mm	0.01mm	101.5 x R10.9mm
2341-E1	0-1.2"	0-0.5"	0.001"	2.48x0.67"
2341-E2	0-1.2"	0-0.5"	0.001"	4.00x0.67"
2341-E3	0-1.2"	0-0.5"	0.001"	4.00xR0.43"

ELECTRONIC INDICATOR DEPTH GAUGE



2141-102



2141-103

- Hardened stainless steel base
- Three rods with spherical end: 0-10mm/0-0.4", 10-20mm/0.4-0.8", 20-30mm/0.8-1.2"
- Packed in plastic box

Code	Range	Dial indicator range	Dial indicator graduation	Base
2141-101	0-30mm/0-1.2"	0-12.7mm/0-0.5"	0.005mm/0.0005"	63x17mm/2.48x0.67"
2141-102	0-30mm/0-1.2"	0-12.7mm/0-0.5"	0.005mm/0.0005"	101.5x17mm/4.00x0.67"
2141-103	0-30mm/0-1.2"	0-12.7mm/0-0.5"	0.005mm/0.0005"	101.5 x R10.9mm/4.00xR0.43"

ELECTRONIC DIGITAL RADIUS GAGE



Code	Range
2183	R5-999.99mm/0.20-39.37"

- Measure radius of internal and external arcs
- Resolution 0.01mm/0.001"
- With 5 different probes suitable for different sizes of arc: 10mm/0.4", 20mm/0.8", 30mm/1.2", 60mm/2.4", 100mm/3.9"
- CR2032 battery, with spare battery
- Packed in plastic box

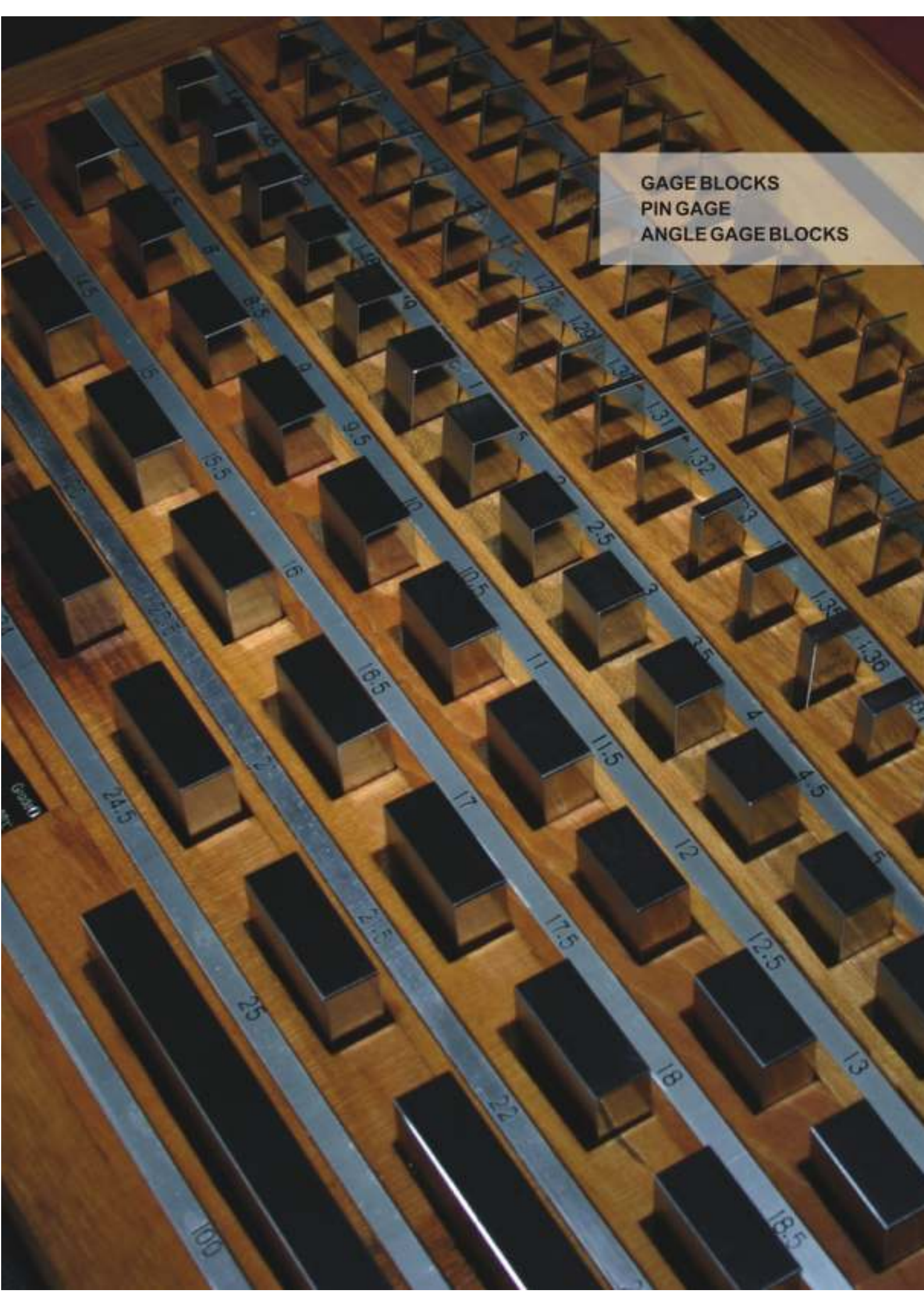
SPHERE RADIUS GAGE



Code	Range	Resolution
2392-100	SR15-100mm	0.01mm
2392-1250	SR325-1250mm	0.01mm
2192-100	SR15-100mm/0.6-4"	0.005mm/0.0005"
2192-1250	SR325-1250mm/12.8-49"	0.005mm/0.0005"

- Measure radius of sphere
- Packed in plastic box

GAGE BLOCKS
PIN GAGE
ANGLE GAGE BLOCKS



CERAMIC GAGE BLOCKS



- Made of ceramic, extremely wear-resistant, corrosion resistance, excellent dimension stability
- With individual certificate
- Accuracy: metric ISO 3650 grade 0 (grade 1 and 2 are optional)
inch ASME B89.1.9-2002 grade 0 (grade AS-1 and AS-2 are optional)
- Packed in wooden box

Code	Total quantity	Size (mm)	Step (mm)
4105-32	32pcs	1.005	
		1.01 - 1.09	0.01
		1.1 - 1.9	0.1
		1 - 9	1
		10 - 30	10
		50	
4105-47	47pcs	1.005	
		1.01 - 1.19	0.01
		1.2 - 1.9	0.1
		1 - 9	1
		10 - 100	10
4105-87	87pcs	1.001 - 1.009	0.001
		1.01 - 1.49	0.01
		0.5 - 9.5	0.5
		10 - 100	10
4105-103	103pcs	1.005	
		1.01 - 1.49	0.01
		0.5 - 24.5	0.5
		25 - 100	25
Code	Total quantity	Size (inch)	Step (inch)
4105-E6	36pcs	0.05	
		0.1001 - 0.1009	0.0001
		0.101 - 0.109	0.001
		0.11 - 0.19	0.01
		0.1 - 0.5	0.1
		1	
		2	
4			
4105-E81	81pcs	0.1001 - 0.1009	0.0001
		0.101 - 0.149	0.001
		0.05 - 0.95	0.05
		1 - 4	1

METRIC GAGE BLOCKS



- Made of alloy steel
- With individual certificate
- Meet ISO3650 grade 0 (grade 1 and 2 are optional)
- Packed in wooden box

Code	Quantity	Size (mm)	Step (mm)
4100-8	8pcs	125 - 175	25
		200 - 250	50
		300 - 500	100
4100-10A	10pcs	0.991 - 1.000	0.001
4100-10	10pcs	1.000 - 1.009	0.001
4100-10B	10pcs	1.991 - 2.000	0.001
4100-10C	10pcs	2.000 - 2.009	0.001
4100-32	32pcs	1.005	
		1.01 - 1.09	0.01
		1.1 - 1.9	0.1
		1 - 9	1
		10 - 30	10
		50	
4100-46	46pcs	1	
		1.001 - 1.009	0.001
		1.01 - 1.09	0.01
		1.1 - 1.9	0.1
		2 - 9	1
10 - 100	10		
4100-47	47pcs	1.005	
		1.01 - 1.19	0.01
		1.2 - 1.9	0.1
		1 - 9	1
		10 - 100	10
4100-76	76pcs	1.005	0.01
		1.01 - 1.49	0.5
		0.5 - 9.5	10
		10 - 50	25
		75 - 100	

Code	Quantity	Size (mm)	Step (mm)
4100-63	83pcs	0.5	
		1	
		1.005	
		1.01 - 1.49	0.01
		1.5 - 1.9	0.1
		2 - 9.5	0.5
10 - 100	10		
4100-87	87pcs	1.001 - 1.009	0.001
		1.01 - 1.49	0.01
		0.5 - 9.5	0.5
		10 - 100	10
4100-88	88pcs	1.0005	
		1.001 - 1.009	0.001
		1.01 - 1.49	0.01
		0.5 - 9.5	0.5
		10 - 100	10
4100-103	103pcs	1.005	
		1.01 - 1.49	0.01
		0.5 - 24.5	0.5
25 - 100	25		
4100-112	112pcs	0.5	
		1	
		1.0005	
		1.001 - 1.009	0.001
		1.01 - 1.49	0.01
1.5 - 25	0.5		
50 - 100	25		
4100-122	122pcs	1.0005	
		1.001 - 1.009	0.001
		1.01 - 1.49	0.01
		1.6 - 1.9	0.1
		0.5 - 25	0.5
		30 - 100	10
75			

INCH RECTANGULAR GAGE BLOCKS



Code	Quantity	Size (inch)	Step (inch)
4102-36	36pcs	0.05	
		0.1001 - 0.1009	0.0001
		0.101 - 0.109	0.001
		0.11 - 0.19	0.01
		0.1 - 0.5	0.1
		1	
		2	
4102-81	81pcs	0.1001 - 0.1009	0.0001
		0.101 - 0.149	0.001
		0.05 - 0.95	0.05
		1 - 4	1

- Made of alloy steel
- With individual certificate
- Meet ASME B89.1.9-2002 grade 0 (grade AS-1 and AS-2 are optional)
- Packed in wooden box

GAGE BLOCK ACCESSORY

Code	Quantity
6881-1	16pcs
6881-2	15pcs
6881-3	10pcs

	6881-1	6881-2	6881-3
Including:			
Holder 50mm/2"	1pc	1pc	1pc
holder 100mm/4"	1pc	1pc	1pc
holder 200mm/8"	1pc	1pc	1pc
holder base 25mm/0.984"	1pc		1pc
half round jaw 2mm/0.079"	2pcs	2pcs	2pcs
half round jaw 5mm/0.197"	2pcs	2pcs	2pcs
half round jaw 10mm/0.394"	2pcs	2pcs	
plain jaw 100mm/4"	2pcs	2pcs	
scriber point	1pc	1pc	1pc
center point	1pc	1pc	1pc
triangular straight edge jaw 60mm/2.4"	2pcs	2pcs	



- To expand rectangular gage block applications
- Packed in wooden box

INCH ROUND GAGE BLOCKS



Code	Quantity	Size (inch)	Step (inch)
4103-36	36pcs	0.050-0.190	0.01
		0.101-0.109	0.001
		0.200-1	0.1
		0.625	
		0.125	
		1	

- Accuracy $\pm 0.00005''$
- With threaded hole in each block
- 4 connecting screws and 1 wrench are included
- Made of alloy steel
- Packed in wooden box

CERAMIC PIN GAGE



Code	Quantity	Size (mm)	Step (mm)
4163-5	41pcs	1.0-5.0	0.1
4163-10	91pcs	1.0-10.0	0.1

- Accuracy $\pm 1\mu\text{m}$, roundness $0.5\mu\text{m}$
- Made of ceramic, extremely wear-resistant, corrosion resistance, excellent dimension stability
- Packed in wooden box

METRIC PIN GAGE



- Measure hole size, calculate distance between holes
- Used as GO/NO GO gage
- Optional accuracy: $\pm 0.001\text{mm}$, $\pm 0.0005\text{mm}$
- Made of steel
- Packed in wooden box

Code	Quantity (pcs)	Size (mm)	Step	Accuracy
4161-1	71	0.30 - 1.00	0.01mm	$\pm 0.002\text{mm}$
4161-2	100	1.01 - 2.00	0.01mm	$\pm 0.002\text{mm}$
4161-3	100	2.01 - 3.00	0.01mm	$\pm 0.002\text{mm}$
4161-4	100	3.01 - 4.00	0.01mm	$\pm 0.002\text{mm}$
4161-5	100	4.01 - 5.00	0.01mm	$\pm 0.002\text{mm}$
4161-6	100	5.01 - 6.00	0.01mm	$\pm 0.002\text{mm}$
4161-7	100	6.01 - 7.00	0.01mm	$\pm 0.002\text{mm}$
4161-8	100	7.01 - 8.00	0.01mm	$\pm 0.002\text{mm}$
4161-9	100	8.01 - 9.00	0.01mm	$\pm 0.002\text{mm}$
4161-10	100	9.01 - 10.00	0.01mm	$\pm 0.002\text{mm}$
4161-11	100	10.01 - 11.00	0.01mm	$\pm 0.002\text{mm}$
4161-12	100	11.01 - 12.00	0.01mm	$\pm 0.002\text{mm}$
4161-13	100	12.01 - 13.00	0.01mm	$\pm 0.002\text{mm}$
4161-14	100	13.01 - 14.00	0.01mm	$\pm 0.002\text{mm}$
4161-15	100	14.01 - 15.00	0.01mm	$\pm 0.002\text{mm}$
4161-16	100	15.01 - 16.00	0.01mm	$\pm 0.002\text{mm}$
4161-17	100	16.01 - 17.00	0.01mm	$\pm 0.002\text{mm}$
4161-18	100	17.01 - 18.00	0.01mm	$\pm 0.002\text{mm}$
4161-19	100	18.01 - 19.00	0.01mm	$\pm 0.002\text{mm}$
4161-20	100	19.01 - 20.00	0.01mm	$\pm 0.002\text{mm}$

INCH PIN GAGE



- Measure hole size, calculate distance between holes
- Used as GO/NO GO gage
- Accuracy +0.0001" and -0.0001" are optional
- Made of steel
- Packed in wooden box

Code	Quantity (pcs)	Size (inch)	Step	Accuracy
4162-151	50	.011 - .060	0.001"	+0.0002"
4162-152	50	.0115 - .0605	0.001"	+0.0002"
4162-1191	190	.061 - .250	0.001"	+0.0002"
4162-1192	190	.0615 - .2505	0.001"	+0.0002"
4162-1241	240	.011 - .250	0.001"	+0.0002"
4162-1242	240	.0115 - .2505	0.001"	+0.0002"
4162-1251	250	.251 - .500	0.001"	+0.0002"
4162-1252	250	.2515 - .5005	0.001"	+0.0002"
4162-1121	125	.501 - .625	0.001"	+0.0002"
4162-1122	125	.5015 - .6255	0.001"	+0.0002"
4162-1123	125	.626 - .750	0.001"	+0.0002"
4162-1124	125	.6265 - .7505	0.001"	+0.0002"
4162-1821	82	.751 - .832	0.001"	+0.0002"
4162-1822	82	.7515 - .8325	0.001"	+0.0002"
4162-1841	84	.833 - .916	0.001"	+0.0002"
4162-1842	84	.8335 - .9165	0.001"	+0.0002"
4162-1843	84	.917 - 1.000	0.001"	+0.0002"
4162-1844	84	.9175 - 1.0005	0.001"	+0.0002"
Code	Quantity (pcs)	Size (inch)	Step	Accuracy
4162-251	50	.011 - .060	0.001"	-0.0002"
4162-252	50	.0115 - .0605	0.001"	-0.0002"
4162-2191	190	.061 - .250	0.001"	-0.0002"
4162-2192	190	.0615 - .2505	0.001"	-0.0002"
4162-2241	240	.011 - .250	0.001"	-0.0002"
4162-2242	240	.0115 - .2505	0.001"	-0.0002"
4162-2251	250	.251 - .500	0.001"	-0.0002"
4162-2252	250	.2515 - .5005	0.001"	-0.0002"
4162-2121	125	.501 - .625	0.001"	-0.0002"
4162-2122	125	.5015 - .6255	0.001"	-0.0002"
4162-2123	125	.626 - .750	0.001"	-0.0002"
4162-2124	125	.6265 - .7505	0.001"	-0.0002"
4162-2821	82	.751 - .832	0.001"	-0.0002"
4162-2822	82	.7515 - .8325	0.001"	-0.0002"
4162-2841	84	.833 - .916	0.001"	-0.0002"
4162-2842	84	.8335 - .9165	0.001"	-0.0002"
4162-2843	84	.917 - 1.000	0.001"	-0.0002"
4162-2844	84	.9175 - 1.0005	0.001"	-0.0002"

ANGLE GAGE BLOCKS



- Standard for angle measurement
- Packed in wooden box

Code	Total quantity	Angle	Step	Quantity
4109-94	94pcs	10° - 79°	1°	70pcs
		15°10' - 15°50'	10'	5pcs
		15°1' - 15°9'	1'	9pcs
		10°0'30"		1pc
		80°, 81°, 100°, 99°		1pc
		82°, 83°, 98°, 97°		1pc
		84°, 85°, 96°, 95°		1pc
		86°, 87°, 94°, 93°		1pc
		88°, 89°, 92°, 91°		1pc
		90°, 90°, 90°, 90°		1pc
		89°10', 89°20', 90°50', 90°40'		1pc
		89°30', 89°40', 90°30', 90°20'		1pc
		89°50', 89°59'30", 90°10', 90°0'30"		1pc
		4109-36	36pcs	30° - 70°
10° - 20°	1°			11pcs
15°10' - 15°50'	10'			5pcs
15°1' - 15°9'	1'			9pcs
45°				1pc
10°0'30"				1pc
80°, 81°, 100°, 99°				1pc
89°10', 89°20', 90°50', 90°40'				1pc
89°30', 89°40', 90°30', 90°20'				1pc
90°, 90°, 90°, 90°				1pc
4109-71	7pcs			15°10' - 75°50'
		50°		1pc
		90°, 90°, 90°, 90°		1pc