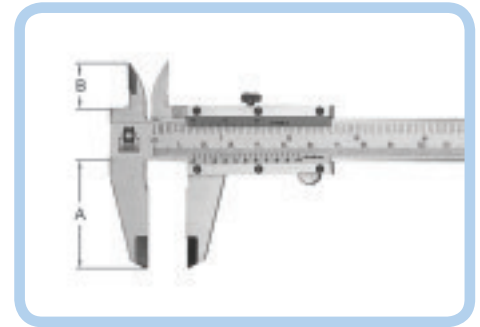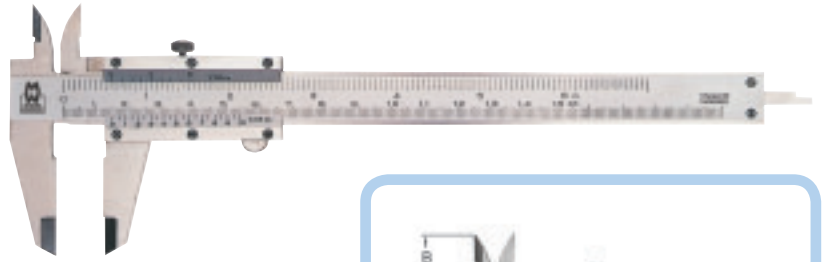# Workshop Vernier Caliper 100 Series

Features

Standard DIN 862

• Standard workshop model with locking screw

• 4-way measurement

• Made of hardened alloyed stainless steel

• Chromed scale with engraved graduations

• Measuring surface is micro-lapped

• Packed in plastic box

WORKSHOP VERNIER CALIPER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Dimn – A	Dimn – B
MW100-15B	0-150	0-6	0.05	1/128	40	16
MW100-20B	0-200	0-8	0.05	1/128	50	20
MW100-30B	0-300	0-12	0.05	1/128	55	20
MW100-15BI	0-150	0-6	0.02	0.001	40	16
MW100-20BI	0-200	0-8	0.02	0.001	50	20
MW100-30BI	0-300	0-12	0.02	0.001	55	20

Workshop Vernier Caliper 105 Series

Features

Standard DIN 862

• Standard workshop model with stop screw

• With fine adjustment

• 4-way measurement

• Made of hardened alloyed stainless steel

• Chromed scale with engraved graduations

• Measuring surface is micro-lapped
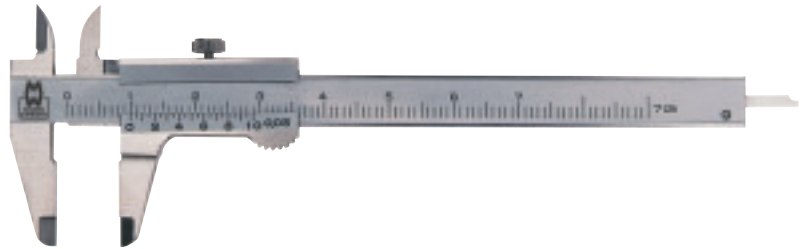
• Packed in plastic box

WORKSHOP VERNIER CALIPER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Jaws
MW105-20	0-200	0-8	0.05	1/128	50mm
MW105-30	0-300	0-12	0.05	1/128	55mm
MW105-20I	0-200	0-8	0.02	0.001	50mm
MW105-30I	0-300	0-12	0.02	0.001	55mm

Precision Miniature Vernier Caliper 110 Series

Features

Standard DIN 862

• Extra small precision vernier caliper
• Mono-block solid slider model
• 4-way measurement
• Made of hardened stainless steel
• Chromed scale with laser engraved graduations
• Measuring surface is micro-lapped
• Supplied with leather-look wallet

PRECISION MINIATURE VERNIER CALIPER

Code No	Range (mm)	Resolution (mm)	Jaws
MW110-07	0-70	0.05	20mm

Precision Vernier Caliper 110 Series

Features

Standard DIN 862

• High precision vernier caliper
• 4-way measurement
• Mono-block solid slider model
• Made of hardened stainless steel
• Chromed scale with laser engraved graduations
• The scale shows both mm and inch value
• Measuring surface is micro-lapped
• Supplied with leather-look wallet

PRECISION VERNIER CALIPER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Jaws
MW110-15	0-150	0-6	0.05	1/128	40mm
MW110-15I	0-150	0-6	0.02	0.001	40mm
MW110-20	0-200	0-8	0.05	1/128	40mm
MW110-30	0-300	0-12	0.05	1/128	55mm

Precision Vernier Caliper 115 Series

Features

Standard: DIN 862

• High precision vernier caliper
• Solid slider model
• 4-way measurement
• Made of hardened stainless steel
• Chromed scale with laser engraved graduations
• The scale shows both mm and inch value
• Measuring surface is micro-lapped
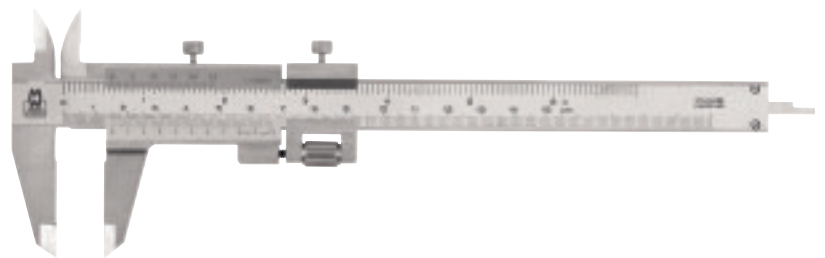• Supplied with leather-look wallet

PRECISION VERNIER CALIPER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Jaws
MW115-15	0-150	0-6	0.05	1/128	40mm
MW115-15I	0-150	0-6	0.02	0.001	40mm

Fine Adjustment Vernier Caliper 111 Series

Features

Standard: DIN 862

• High precision vernier caliper
• With fine adjustment
• 4-way measurement
• Made of hardened stainless steel
• Measuring surface is micro-lapped
• Supplied in plastic box
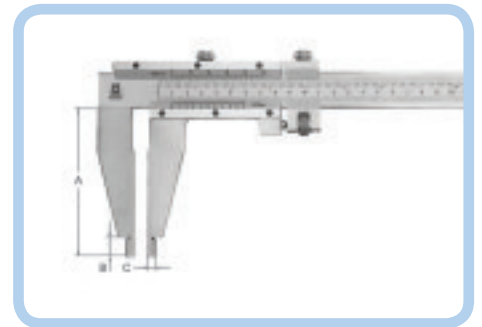
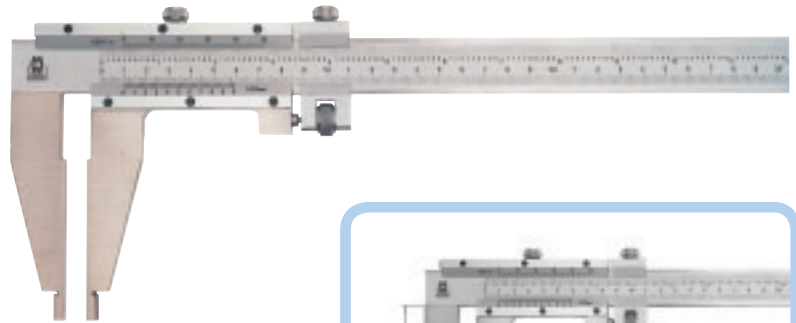### FINE ADJUSTMENT VERNIER CALIPER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Jaws
MW111-15I	0-150	0-6	0.05	1/128	40mm

Large Workshop Vernier Caliper 150 Series

Features

Standard: Factory Standard

• Standard workshop model with locking screw
• Mono block solid slider
• Made of hardened alloyed stainless steel
• Jaws for internal and external measurement
• Chromed scale with laser engraved graduations
• Measuring surface is micro-lapped
• With fine adjustment
• Packed in wooden box

LARGE WORKSHOP VERNIER CALIPER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Dimn – A	Dimn – B	Dimn – C
MW150-52	0-500	0-20	0.02	0.001	100	12	5
MW150-55	0-500	0-20	0.05	1/128	100	12	5
MW150-62	0-600	0-24	0.02	0.001	100	12	5
MW150-65	0-600	0-24	0.05	1/128	100	12	5
MW150-72	0-1000	0-40	0.02	0.001	125	18	10
MW150-75	0-1000	0-40	0.05	1/128	125	18	10
MW150-82	0-1500	0-60	0.02	0.001	150	18	10
MW150-85	0-1500	0-60	0.05	1/128	150	18	10

Solid Slider Large Workshop Vernier Caliper 152 Series

Features

• Standard workshop model with stop screw
• Mono block solid slider
• Made of hardened alloyed stainless steel
• Jaws for internal and external measurement
• Chromed scale with laser engraved graduations
• Measuring surface is micro-lapped
• With fine adjustment
• Packed in wooden box

SOLID SLIDER LARGE WORKSHOP VERNIER CALIPER

Code No	Range (mm)	Resolution (mm)	Jaws
MW152-55	0-500	0.05	100mm
MW152-65	0-600	0.05	100mm
MW152-75	0-1000	0.05	125mm
MW152-85	0-1500	0.05	150mm

Long Jaw Vernier Caliper 155 Series

Features

Standard: Factory Standard

- With longer jaws which permit the measurement of large workpieces
- Jaws for internal and external measurement
- Stop screw for locking the slider
- Made of hardened stainless steel
- Chromed scale with engraved graduations
- Measuring surface is micro-lapped
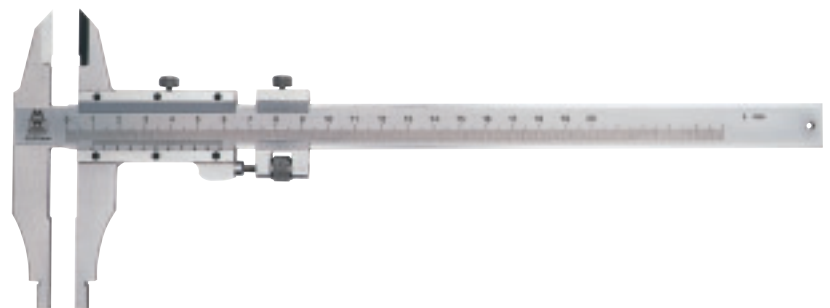- With fine adjustment

LONG JAW VERNIER CALIPER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Jaws
MW155-32	0-300	0-12	0.02	0.001	150mm
MW155-35	0-300		0.05		150mm
MW155-52	0-500	0-20	0.02	0.001	200mm
MW155-55	0-500		0.05		200mm
MW155-62	0-600	0-24	0.02	0.001	300mm
MW155-65	0-600		0.05		300mm
MW155-72	0-1000	0-40	0.02	0.001	300mm

Workshop Vernier Caliper 160 Series

Features

Standard: Factory Standard

- Combination-jaw model
- Separate jaws for internal and external measurement
- Separate knife edge jaws for external measurement
- Stop screw for locking the slider/jaws
- Made of hardened stainless steel
- Chromed scale with engraved graduations
- Measuring surface is micro-lapped
- With fine adjustment

WORKSHOP VERNIER CALIPER

Code No	Range (mm)	Resolution (mm)	Jaws
MW160-20	0-200	0.05	60mm
MW160-22	0-200	0.02	60mm
MW160-30	0-300	0.05	90mm
MW160-32	0-300	0.02	90mm

Plastic Dial Caliper

Features

Standard: Factory Standard

- Manufactured from glass reinforced nylon material
- Highly durable design
- ± 0.1mm / ± 0.004" accuracy
- Plastic depth rod

CDP150M

METRIC: Dial Caliper			
Code No	Range (mm)	Resolution (mm)	Jaws
CDP150M	0-150	0.1	40mm

IMPERIAL: Dial Caliper			
Code No	Range (inch)	Resolution (inch)	Jaws
CDP006E	0-6	0.01	1.57"

Dial Caliper 140 Series

Features

Standard: Factory Standard

- Thumb wheel for fine adjustment
- Rack cover prevents dust or grit fouling teeth of rack
- High precision model with mono block solid slider
- 4-way measurement
- Made of alloyed hardened stainless steel
- Chromed scale with engraved graduations
- Measuring surface is micro-lapped
- Black indicator plate with clear red pointer

DIAL CALIPER			
Code No	Range (mm)	Resolution (mm)	Jaws
MW140-15	0-150	0.02	40mm
MW140-20	0-200	0.02	55mm
MW140-30	0-300	0.02	55mm

Dial Caliper 141 Series

Features

Standard: DIN 862

• Thumb wheel for fine adjustment
• Covered rack
• 4-way measurement
• Hardened stainless steel rack
• Measuring surface is micro-lapped

DIAL CALIPER

Code No	Range (mm)	Resolution (mm)	Code No	Range (inch)	Resolution (inch)
MW141-15	0-150	0.02	MW141-15I	0-6	0.001

Dial Caliper 142 Series

Features

Standard: DIN 862

• Shockproof dial caliper
• Thumb wheel for fine adjustment
• Covered rack
• 4-way measurement
• Hardened stainless steel rack
• Measuring surface is micro-lapped
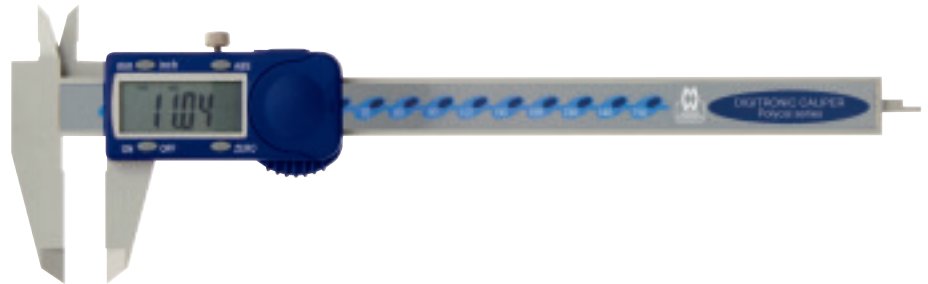
DIAL CALIPER

Code No	Range (mm)	Resolution (mm)
MW142-15	0-150	0.02
MW142-20	0-200	0.02
MW142-30	0-300	0.02

Polycarbonate Digital Caliper

Features

Standard: Factory Standard

• Polycarbonate frame
• 4-way measurement
• Accuracy +/- 0.2mm / 0.008"
• Functions: mm/inch, zero setting,
  Absolute/Incremental measurement
• Supplied retail packed with vinyl pouch
• CR2032 battery

POLYCARBONATE DIGITAL CALIPER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Jaws
MW110-15DPC	0-150	0-6	0.01	0.0005	40mm

Digital Pocket Caliper 110 Series

Features

Standard: Factory Standard

• Ultra small digital caliper
• On/off switch
• Zero point at any position
• Displays values in mm and inch
• All metal parts made of hardened steel
• 4-way measurement

DIGITAL POCKET CALIPER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Jaws
MW110-10DPT	0-100	0-4	0.01	0.0005	30mm

Workshop Digital Caliper 110-DBL Series

Features

Standard: DIN 862

- On/off switch
- Zero point at any position
- Displays values in mm and inch
- All metal parts made of hardened stainless steel
- CR2032 battery
- ABS / INC measurement
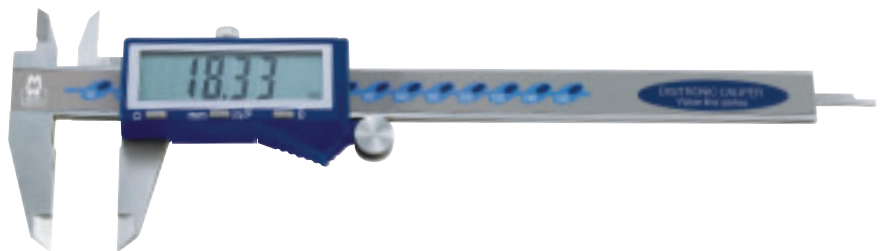- Thumb wheel for fine adjustment
- Auto off function
- 4-way measurement

WORKSHOP DIGITAL CALIPER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Jaws
MW110-15DBL	0-150	0-6	0.01	0.0005	40mm
MW110-20DBL	0-200	0-8	0.01	0.0005	50mm
MW110-30DBL	0-300	0-12	0.01	0.0005	60mm

Three Reading Digital Caliper DFC Series

Features

- Extra large, easy-to-read display
- High measuring speed: 120" per second
- Read and convert in inch, metric and fractions
- Stainless steel frame with extra smooth movements
- CR2032 battery
- Thumb wheel for fine adjustment
- 4-way measurement

METRIC INCH FRACTION

THREE READING DIGITAL CALIPER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Jaws
MW110-15DFC	0-150	0-6	0.01	0.0005 / 1/128	40mm
MW110-20DFC	0-200	0-8	0.01	0.0005 / 1/128	50mm
MW110-30DFC	0-300	0-12	0.01	0.0005 / 1/128	60mm

Digital Caliper 110-DDL Series

Features

Standard: DIN 862

- Ground micro-lapped measuring surfaces
- Thumb wheel for fine adjustment
- Functions: mm/inch conversion, on/off, zero-setting, battery low indication
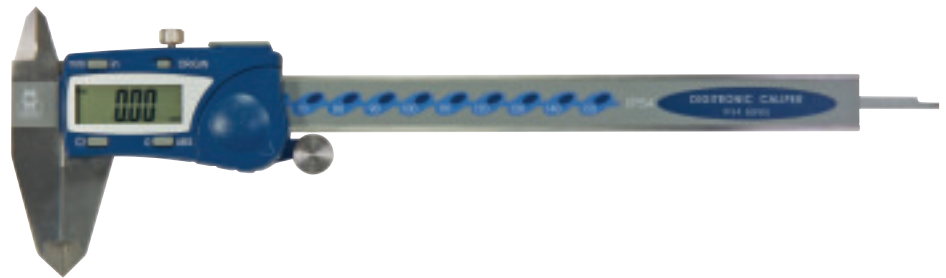- Battery SR44
- 4-way measurement

DIGITAL CALIPER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Jaws
MW110-15DDL	0-150	0-6	0.01	0.0005	40mm
MW110-20DDL	0-200	0-8	0.01	0.0005	50mm
MW110-30DDL	0-300	0-12	0.01	0.0005	60mm

Digital Absolute Caliper 110-DABS Series

Features

- Absolute Measuring System
- RS232 Digimatic Output
- CR2032 Battery
- 4-way measurement
- Functions: mm/Inch conversion, on/off, data-output
- Digimatic RS232 Output
- Thumb wheel for fine adjustment

DIGITAL ABSOLUTE CALIPER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Accuracy (mm)	Accuracy (inch)
MW110-15DABS	150	6	0.01	0.0005	+/-.020	+/-.001
MW110-20DABS	200	8	0.01	0.0005	+/-.030	+/-.0015
MW110-30DABS	300	12	0.01	0.0005	+/-.030	+/-.0015

DATA CABLE

Code No	Description
MW-Y100/700USB	Data Cable-USB to suit all DABS products

Water Resistant Caliper IP54 Series

Features

Standard: DIN 862

• Water and dust resistant to IP54 specification

• Functions: mm/inch conversion, on/off, zero setting

• Patented ceramic capacitive sensor

• Thumb wheel for fine adjustment

• CR2032 battery

• ABS / INC measurement
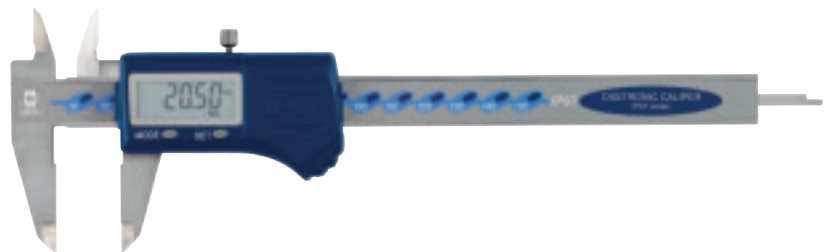
• 4-way measurement

WATER RESISTANT CALIPER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Jaws
MW110-15WR	0-150	0-6	0.01	0.0005	40mm
MW110-20WR	0-200	0-8	0.01	0.0005	50mm
MW110-30WR	0-300	0-12	0.01	0.0005	60mm

Waterproof Digital Caliper IP67 Series

Features

Standard: DIN 862

• Water, coolant and dust proof to IP67 specification

• Functions: mm/inch conversion, on/off, zero setting

• CR2032 battery

• 4-way measurement
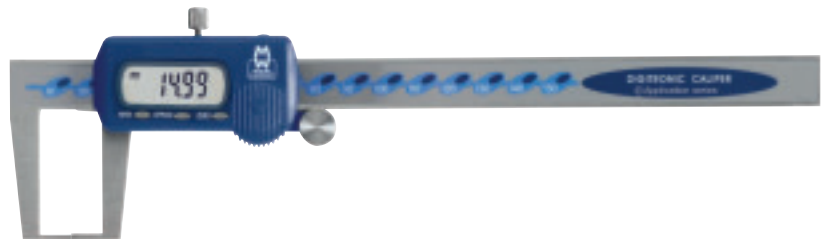
WATERPROOF DIGITAL CALIPER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Jaws
MW110-15DIP	0-150	0-6	0.01	0.0005	40mm

Digital Caliper For External Grooves 120 Series

Features

Standard: Factory Standard

• Jaws for measuring external grooves, undercuts etc

• Functions: mm/inch conversion, on/off, data-output, zero-setting, battery low indication

• Thumb wheel for fine adjustment

DIGITAL CALIPER FOR EXTERNAL GROOVES

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)
MW120-15DC	0-150	0-6	0.01	0.0005

Digital Caliper for Internal Grooves 125 Series

Features

Standard: Factory Standard

• Features universal jaws for measuring internal grooves

• Functions: mm/inch conversion, on/off, data-output, zero-setting, battery low indication

• Thumb wheel for fine adjustment

DIGITAL CALIPER FOR INTERNAL GROOVES

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)
MW125-15DC	0-150	0-6	0.01	0.0005

Digital Caliper for External Grooves 120 Series

Features

Standard: Factory Standard

- Features standard jaws for measuring of external grooves
- Thumb wheel for fine adjustment
- Functions: mm/inch conversion, on/off, data-output, zero-setting, battery low indication

DIGITAL CALIPER FOR EXTERNAL GROOVES

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)
MW120-15DB	0-150	0-6	0.01	0.0005

Digital Long Jaw Caliper 110-DLJ Series

Features

Standard: Factory Standard

- Heavy duty design
- Long jaws with internal measuring nibs
- Ground micro-lapped measuring surfaces
- With fine adjustment
- Functions: mm / inch conversion, on/off, zero-setting, ABS / zero, battery low indication

DIGITAL LONG JAW CALIPER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Jaws	Internal Nibs
MW110-15DLJ	0-150	0-6	0.01	0.0005	60mm	10 x 5mm

Large Digital Workshop Caliper 150 Series

Features

Standard: Factory Standard

• Ground micro-lapped measuring surfaces

• Functions: mm / inch conversion, on/off,
  data-output, zero-setting, ABS / zero,
  battery low indication

• With fine adjustment
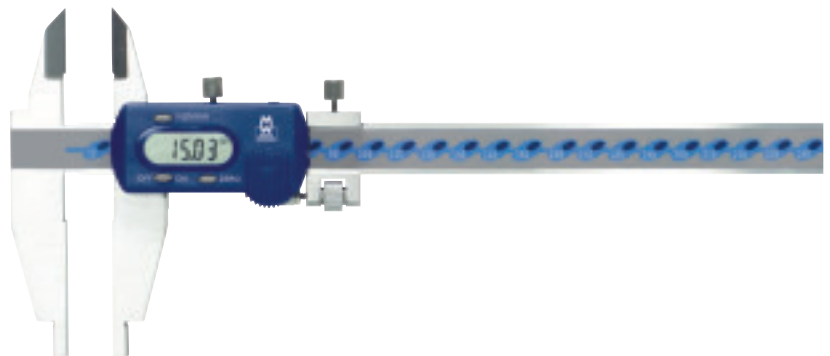
• Long jaws with internal measuring nibs

LARGE DIGITAL WORKSHOP CALIPER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Jaws	Internal Nibs
MW150-50DDL	0-500	0-20	0.01	0.0005	100mm	18 x 10mm
MW150-60DDL	0-600	0-24	0.01	0.0005	100mm	24 x 10mm
MW150-75DDL	0-1000	0-40	0.01	0.0005	125mm	24 x 10mm

Heavy Duty Digital Workshop Caliper 160-D Series

Features

• Heavy duty design

• Internal measuring nibs on external jaws
  and knife edge external jaws

• Ground micro-lapped measuring surfaces

• Functions: mm / inch conversion,
  on/off, zero-setting, ABS / zero,
  battery low indication

• With fine adjustment

HEAVY DUTY DIGITAL WORKSHOP CALIPER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Jaws	External Knife Edge	Internal Nibs
MW160-20D	0-200	0-8	0.01	0.0005	60mm	12mm	33.5 x 5mm
MW160-30D	0-300	0-12	0.01	0.0005	60mm	12mm	38 x 5mm
MW160-50D	0-500	0-20	0.01	0.0005	150mm	18mm	50 x 10mm

Digital Tyre Profile Gauge 176 Series

Features

- Spring loaded with a hold measurement button for ease of use
- Supplied on retail packaging
- Vinyl holder supplied as standard
- Spindle Ø 2.5mm

DIGITAL TYRE PROFILE GAUGE

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)
MW176-01DTG	0-25	0-1	0.01	0.0005

Digital Mini Depth Gauge 177 Series

Features

- Spring loaded with hold measurement button for ease of use
- Supplied on retail packaging
- Plastic 50mm base
- M2.5 threaded measuring rod
- 25mm / 1" measuring stroke
- Includes 25mm and 50mm extension bars
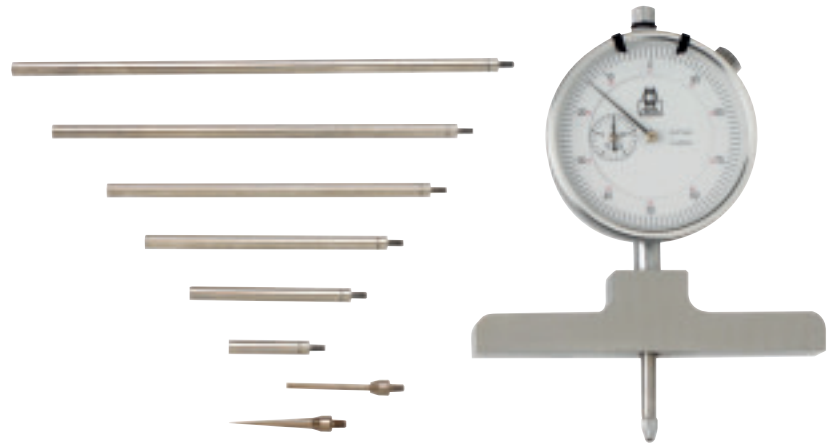- Battery CR2032
- Metric / Inch / Fraction reading

DIGITAL MINI DEPTH GAUGE

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)
MW177-01D	0-100	0-4	0.01	0.0005 / 1/128

Mechanical Depth Gauge 172 Series

Features
• 0-25mm travel mechanical indicator
• Satin chrome finish
• Rods connect together for full 550mm capacity
• Base size: 100mm
• Includes 2 extra points for small hole applications

MECHANICAL DEPTH GAUGE

Code No	Range (mm)	Resolution (mm)
MW172-01	0-550	0.01

Digital Depth Gauge 172 Series

Features
• 0-25mm / 0-1" travel digital indicator
• Inch / mm conversion
• Zero setting at any position
• Rods connect together for full 550mm capacity
• Base size: 100mm
• Includes 2 extra points for small hole applications

DIGITAL DEPTH GAUGE

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)
MW172-01D	0-550	0-22	0.01	0.0005

Vernier Depth Gauge 170 Series

Features

Standard: Factory Standard

• Standard workshop model made of alloyed stainless steel
• Screw stop solid slider model
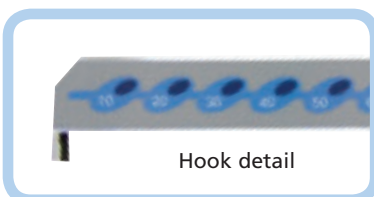• With laser engraved graduations
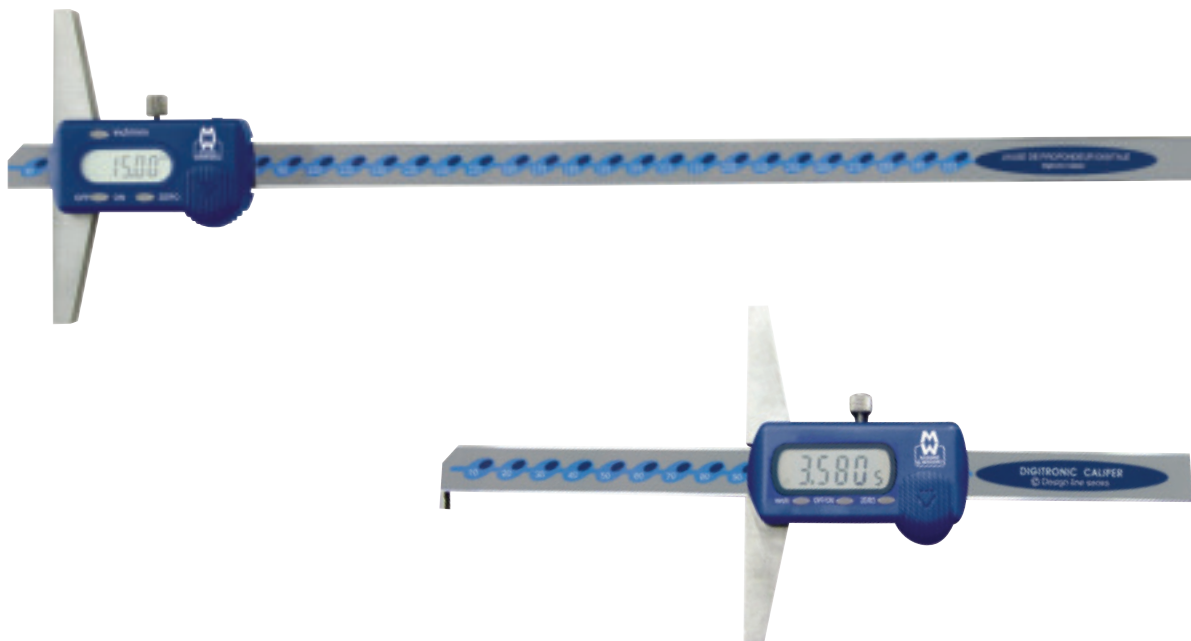• Measuring surface is micro-lapped

VERNIER DEPTH GAUGE

Code No	Range (mm)	Resolution (mm)	Resolution (inch)	Size of Base (mm)
MW170-15	0-150	0.02	0.001	100
MW170-15B	0-150	0.05	1/128	100
MW170-20	0-200	0.02	0.001	100
MW170-20B	0-200	0.05	1/128	100
MW170-30	0-300	0.02	0.001	100
MW170-30B	0-300	0.05	1/128	100
MW170-50B	0-500	0.05	1/128	150
MW170-50BI	0-500	0.02	0.001	150

Digital Depth Caliper 170-DB/DH Series

Features

- Ground micro-lapped measuring surfaces
- Functions : mm / inch conversion, on / off, zero-setting, battery low indication
- Available with hook (H) or without hook (B)

Hook detail

DEPTH CALIPER (Without Hook)

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Size of Base (mm)
MW170-15DB	0-150	0-6	0.01	0.0005	100
MW170-20DB	0-200	0-8	0.01	0.0005	100
MW170-30DB	0-300	0-12	0.01	0.0005	150
MW170-30DB/100	0-300	0-12	0.01	0.0005	100

DEPTH CALIPER (With Hook)

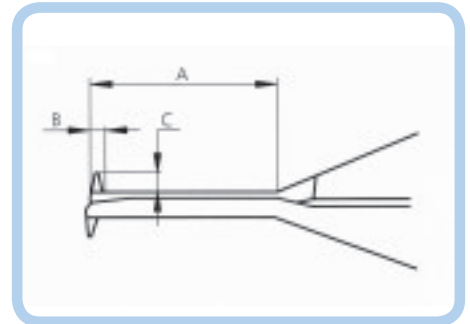| Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Size of Base (mm)
MW170-15DH	0-150	0-6	0.01	0.0005	100
MW170-20DH	0-200	0-8	0.01	0.0005	100
MW170-30DH	0-300	0-12	0.01	0.0005	100

Note: Hook width: 2mm

Internal Digital Caliper

Incorporating advanced electronics, these advanced gauges have the benefit of a large digital readout and an auto adjusting analogue display. These gauges are ideally suited for measuring bores, internal grooves and other hard to reach inside dimensions.

RS232

Features
• Large LCD display
• 0.005mm or 0.0002" resolution
• Preset capability
• Direct Inch/Metric conversion
• Absolute/Incremental measurements

INTERNAL DIGITAL CALIPER SPECIFICATION

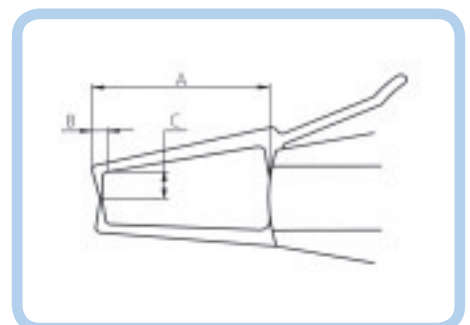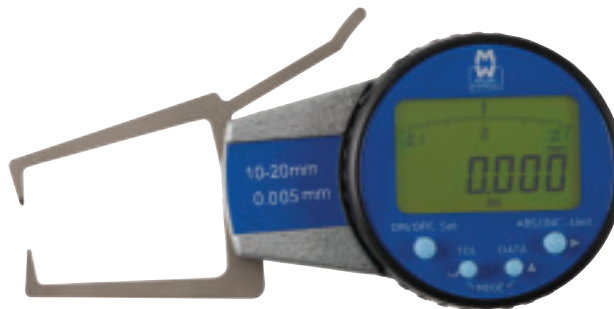| Code No	Range (mm)	Range (inch)	Dimn – A	Dimn – B	Dimn – C	Contact Radius
MW432-01DC	5-15	0.2-0.6	20.0	1.0	1.5	0.3mm
MW432-02DC	10-20	0.4-0.8	25.0	1.5	3.0	0.3mm
MW432-03DC	20-30	0.8-1.2	30.0	2.0	6.5	0.5mm
MW432-04DC	30-40	1.2-1.6	30.0	2.5	9.0	0.5mm
MW432-05DC	40-50	1.6-2.0	30.0	2.5	9.0	0.5mm

External Digital Caliper

Incorporating advanced electronics, these advanced gauges have the benefit of a large digital readout and an auto adjusting analogue display. These gauges are ideally suited for measuring external grooves and other hard to reach outside dimensions.

RS232

Features
• Large LCD display
• 0.005mm or 0.0002" resolution
• Preset capability
• Direct Inch/Metric conversion
• Absolute/Incremental measurements

EXTERNAL DIGITAL CALIPER SPECIFICATION

Code No	Range (mm)	Range (inch)	Dimn – A	Dimn – B	Dimn – C	Contact Radius
MW442-01DC	0-10	0.2-0.4	40.0	3.0	8.0	0.5mm
MW442-02DC	10-20	0.4-0.8	40.0	3.0	8.0	0.5mm
MW442-03DC	20-30	0.8-1.2	40.0	3.0	8.0	0.5mm
MW442-04DC	30-40	1.2-1.6	40.0	3.0	8.0	0.5mm
MW442-05DC	40-50	1.6-2.0	40.0	3.0	8.0	0.5mm