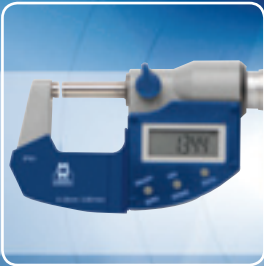
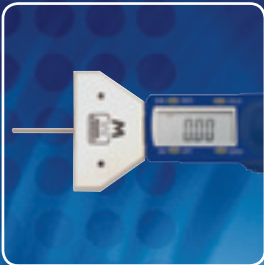




PRODUCT CATALOGUE 12/13



Partners in Precision

A Brief History...

Founded in 1906 by innovative young engineer, Frank Moore, Moore & Wright has been designing, manufacturing and supplying precision measuring equipment to global industry for over 100 years. With roots fixed firmly in Sheffield, England, the company began by manufacturing a range of calipers, screwdrivers, punches and other engineer's tools. Following investment from Mrs Wright, a shrewd Sheffield businesswoman, Frank was able to expand the business and further develop his innovative designs.



By the mid-nineteen twenties, thanks to the company's enviable reputation, Moore & Wright was approached by the UK Government to consider manufacturing a range of quality micrometers. It was in this field that Moore & Wright's status as UK agent for the Swiss Avia range of products and subsequent acquisition of the Avia brand and manufacturing rights, proved invaluable. A set of working drawings was obtained from Switzerland and reworked based on popular American designs, whilst incorporating Moore & Wright's own innovations. The ensuing range of high quality instruments resulted in world renown for Moore & Wright micrometers. These early, classic designs are regarded as the origin of today's comprehensive range of micrometers, now used in every industrialised country throughout the world.

During World War Two, the overwhelming demand for Moore & Wright micrometers resulted in the opening of two further factories in England with production levels reaching an incredible 20,000 micrometers per month.

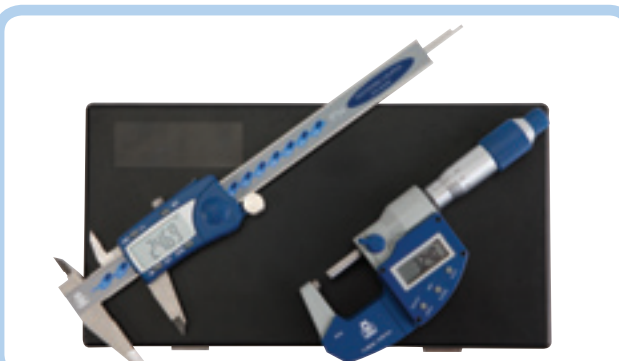
By the end of World War Two, control of the company had passed to Frank Moore's daughter who subsequently sold the business to John Shaw Company in 1945. John Shaw recognised the skill and business acumen of the Moore & Wright staff granting them a level of autonomy. This allowed them to continue to develop innovative new products that could be marketed in both the UK and overseas. Soon the company was producing a diverse range of precision tools, including small hole gauges, telescopic gauges and a wide range of vernier calipers.

By the early 1950s Moore & Wright's vastly expanded product portfolio and increased levels of production, meant that it had outgrown its current production sites. The answer to the company's manufacturing bottlenecks was to be found in a new state-of-the-art production facility in Sheffield.

In 1970, Moore & Wright was acquired by the Neill Tools Group, when the John Shaw Company was purchased by Neill Tools, as part of its ongoing ambitious acquisition program. The years that followed saw an increased threat to company sales from products exported to the UK from overseas manufacturers. Helped by the purchase of well-known micrometer manufacturer, Shardlow and the quality caliper producer Bensons, Neill Tools jealously defended Moore & Wright's business. The company also embarked on a progressive micrometer design and development programme. After adopting the suggested manufacturing and product design improvements, Moore & Wright launched Micro 2000, the world's first hand-held electronic micrometer. The company was proud to be awarded the coveted Queens Award For Technological Achievement in 1977 for this groundbreaking new product.



Now part of the eminent Bowers Metrology Group and with production facilities in the UK and China, Moore & Wright continues its commitment to supplying worldwide industry with high quality, affordable products. Its ongoing pledge to research and development should ensure that this great British company remains at the forefront of global innovation.



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Workshop Vernier Caliper 100 Series

Features

Standard DIN 862

- Standard workshop model with stop screw
- Assembly slider model
- 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	Resolution	Length of Jaws
MW100-15B	0-150mm / 0-6"	0.05mm - 1/128"	40mm
MW100-20B	0-200mm / 0-8"	0.05mm - 1/128"	50mm
MW100-30B	0-300mm / 0-12"	0.05mm - 1/128"	55mm
MW100-15BI	0-150mm / 0-6"	0.02mm - 0.001"	40mm
MW100-20BI	0-200mm / 0-8"	0.02mm - 0.001"	50mm
MW100-30BI	0-300mm / 0-12"	0.02mm - 0.001"	55mm

Workshop Vernier Caliper 105 Series

Features

Standard DIN 862

- Standard workshop model with stop screw
- Equipped with fine adjustment
- 4-way measurement
- Assembly slider model
- Made of hardened alloyed stainless steel
- Chromed scale with engraved graduations
- Measuring surface is micro-lapped
- Packed in plastic box



WORKSHOP VERNIER CALIPER

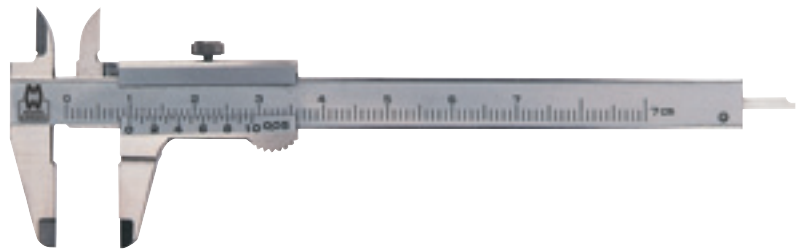
Code No	Range	Resolution	Length of Jaws
MW105-20	0-200mm / 0-8"	0.05mm - 1/128"	50mm
MW105-30	0-300mm / 0-12"	0.05mm - 1/128"	55mm
MW105-20I	0-200mm / 0-8"	0.02mm - 0.001"	50mm
MW105-30I	0-300mm / 0-12"	0.02mm - 0.001"	55mm

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
- The scale shows both mm and inch value
- Measuring surface is micro-lapped
- Supplied with leather-look wallet



PRECISION MINIATURE VERNIER CALIPER

Code No	Range	Resolution	Length of Jaws
MW110-07	0-70mm	0.05mm	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
- Optional plastic box



PRECISION VERNIER CALIPER

Code No	Range	Resolution	Length of Jaws
MW110-15	0-150mm / 0-6"	0.05mm - 1/128"	40mm
MW110-15I	0-150mm / 0-6"	0.02mm - 0.001"	40mm
MW110-20	0-200mm / 0-8"	0.05mm - 1/128"	40mm
MW110-30	0-300mm / 0-12"	0.05mm - 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

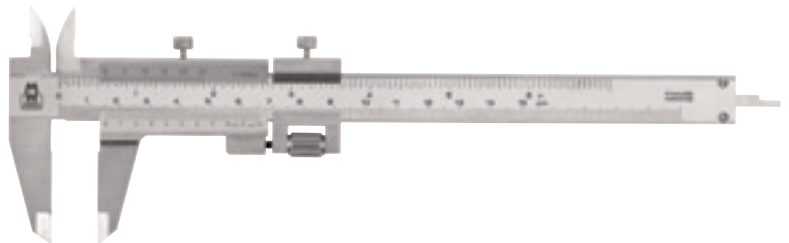
Code No	Range	Resolution	Length of Jaws
MW115-15	0-150mm / 0-6"	0.05mm - 1/128"	40mm
MW115-15I	0-150mm / 0-6"	0.02mm - 0.001"	40mm

Fine Adjustment Vernier Caliper 111 Series

Features

Standard: DIN 862

- High precision Vernier caliper
- Equipped 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	Resolution	Length of Jaws
MW111-15I	0-150mm / 0-6"	0.05mm / 1/128"	40mm

Large Workshop Vernier Caliper 150 Series

Features

Standard: Factory Standard

- 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



LARGE WORKSHOP VERNIER CALIPER

Code No	Range	Resolution	Length of Jaws
MW150-52	0-500mm / 0-20"	0.02mm - 0.001"	100mm
MW150-55	0-500mm / 0-20"	0.05mm - 1/128"	100mm
MW150-62	0-600mm / 0-24"	0.02mm - 0.001"	100mm
MW150-65	0-600mm / 0-24"	0.05mm - 1/128"	100mm
MW150-72	0-1000mm / 0-40"	0.02mm - 0.001"	125mm
MW150-75	0-1000mm / 0-40"	0.05mm - 1/128"	125mm
MW150-82	0-1500mm / 0-60"	0.02mm - 0.001"	150mm
MW150-85	0-1500mm / 0-60"	0.05mm - 1/128"	150mm

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	Resolution	Length of Jaws
MW152-55	0-500mm	0.05mm	100mm
MW152-65	0-600mm	0.05mm	100mm
MW152-75	0-1000mm	0.05mm	125mm
MW152-85	0-1500mm	0.05mm	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
- The scale shows both mm and inch value
- Measuring surface is micro-lapped
- With fine adjustment



LONG JAW VERNIER CALIPER

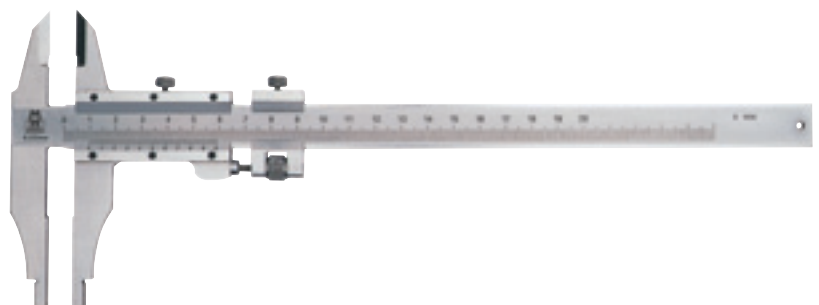
Code No	Range	Resolution	Length of Jaws
MW155-32	0-300mm / 0-12"	0.02mm - 0.001"	150mm
MW155-35	0-300mm	0.05mm	150mm
MW155-52	0-500mm / 0-20"	0.02mm - 0.001"	200mm
MW155-55	0-500mm	0.05mm	200mm
MW155-62	0-600mm / 0-24"	0.02mm - 0.001"	300mm
MW155-65	0-600mm	0.05mm	300mm
MW155-72	0-1000mm / 0-40"	0.02mm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

Workshop Vernier Caliper 160 Series

Features

Standard: Factory Standard

- Combination-jaw model
- Separate jaws for internal and 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	Resolution	Length of Jaws
MW160-20	0-200mm	0.05mm	60mm
MW160-22	0-200mm	0.02mm	60mm
MW160-30	0-300mm	0.05mm	90mm
MW160-32	0-300mm	0.02mm	90mm

Plastic Dial Caliper CDP150M

Features

Standard: Factory Standard

- Manufactured from glass reinforced nylon material
- Highly durable design
- $\pm 0.1\text{mm}$ accuracy
- Plastic depth rod



PLASTIC DIAL CALIPER

Code No	Range	Resolution
MWCDP150M	0-150mm	0.1mm

Dial Caliper 140 Series

Features

Standard: Factory Standard

- Rapid movement model with roller-button
- 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	Resolution	Length of Jaws
MW140-15	0-150mm	0.02mm	40mm
MW140-20	0-200mm	0.02mm	55mm
MW140-30	0-300mm	0.02mm	55mm

Dial Caliper 141 Series

Features

Standard: DIN 862

- Rapid movement with thumb wheel
- Covered rack
- 4-way measurement
- Hardened stainless steel rack
- Measuring surface is micro-lapped



DIAL CALIPER

Code No	Range	Resolution
MW141-15	0-150mm	0.02mm
MW141-15I	0-6"	0.001"

Dial Caliper 142 Series

Features

Standard: DIN 862

- High-quality shockproof dial caliper
- Rapid movement with thumb wheel
- Covered rack
- 4-way measurement
- Standard yellow metric face
- Hardened stainless steel rack
- Measuring surface is micro-lapped



DIAL CALIPER

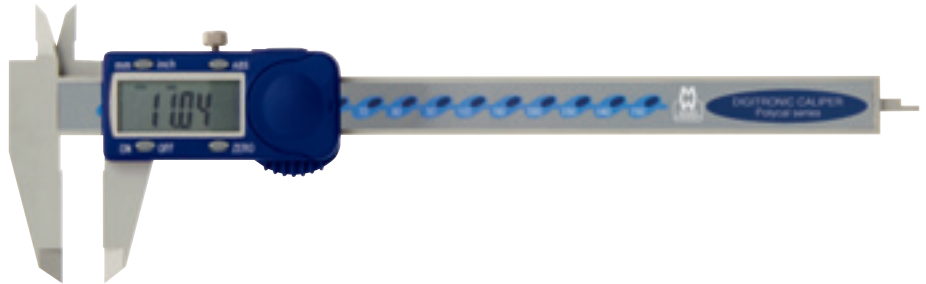
Code No	Range	Resolution
MW142-15	0-150mm	0.02mm
MW142-20	0-200mm	0.02mm
MW142-30	0-300mm	0.02mm

Polycal Digitronic Caliper

Features

Standard: Factory Standard

- Polycarbonate frame
- 4 way measurement
- Accuracy +/- 0.2mm/0.008
- Functions: mm/inch, zero setting, ABS/INC measurement
- Supplied retail packed with vinyl pouch



POLYCAL DIGITRONIC CALIPER

Code No	Range	Resolution	Length of Jaws
MW110-15DPC	0-150mm / 0-6"	0.01mm / 0.0005"	40mm

Digitronic Pocket Caliper 110 Series

Features

Standard: Factory Standard

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



DIGITRONIC POCKET CALIPER

Code No	Range	Resolution	Length of Jaws
MW110-10DPT	0-100mm / 0-4"	0.01mm / 0.0005"	30mm

Value Line Digitronic Caliper 110 Series

Features

Standard: DIN 862

- ABS/INC measurement
- Large LCD display
- On/off switch
- Zero point at any position
- Displays values in mm and inch
- All metal parts made of hardened stainless steel
- CR2032 battery



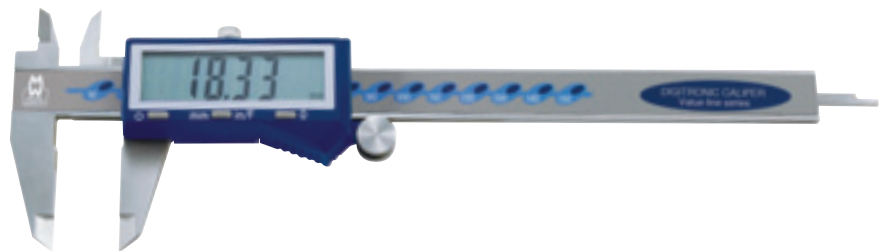
VALUE LINE DIGITRONIC CALIPER 110-DBL SERIES

Code No	Range	Resolution	Length of Jaws
MW110-15DBL	0-150mm / 0-6"	0.01mm / 0.0005"	40mm
MW110-20DBL	0-200mm / 0-8"	0.01mm / 0.0005"	50mm
MW110-30DBL	0-300mm / 0-12"	0.01mm / 0.0005"	60mm

Three Reading Digitronic 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



METRIC



INCH



FRACTION

THREE READING DIGITRONIC CALIPER DFC SERIES

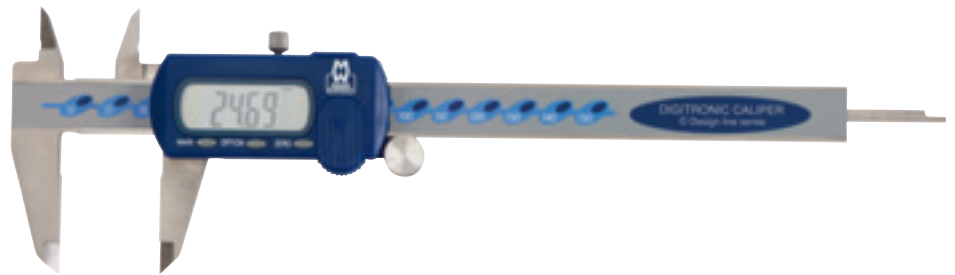
Code No	Range	Resolution	Length of Jaws
MW110-15DFC	0-150mm / 0-6"	0.01mm / 0.0005" / 1/128"	40mm
MW110-20DFC	0-200mm / 0-8"	0.01mm / 0.0005" / 1/128"	50mm
MW110-30DFC	0-300mm / 0-12"	0.01mm / 0.0005" / 1/128"	60mm

Digitronic Caliper 110 Series

Features

Standard: DIN 862

- Easy to read LCD display
- Ground micro-lapped measuring surfaces
- Thumb wheel for fine adjustment
- Functions: mm/inch conversion, on/off, zero-setting, battery low indication
- SR44 Battery



DIGITRONIC CALIPER

Code No	Range	Resolution	Length of Jaws
MW110-15DDL	0-150mm / 0-6"	0.01mm / 0.0005"	40mm
MW110-20DDL	0-200mm / 0-8"	0.01mm / 0.0005"	50mm
MW110-30DDL	0-300mm / 0-12"	0.01mm / 0.0005"	60mm

Absolute Digitronic Caliper 110 Series

Features

Standard: DIN 862

- True Origin Absolute digital caliper
- Large LCD display
- Thumb wheel for fine adjustment
- Functions: mm/inch conversion, on/off, zero setting, Origin setting
- SR44 battery



ABSOLUTE DIGITRONIC CALIPER

Code No	Range	Resolution	Length of Jaws
MW110-15DAS	0-150mm / 0-6"	0.01mm / 0.0005"	40mm
MW110-20DAS	0-200mm / 0-8"	0.01mm / 0.0005"	40mm
MW110-30DAS	0-300mm / 0-12"	0.01mm / 0.0005"	40mm

Water Resistant Digitronic Caliper IP54 Series

Features

Standard: DIN 862

- Water and dust resistant to IP54 specification
- Functions: mm/inch conversion, on/off, zero setting, ABS/INC measurement
- Patented ceramic capacitive sensor
- Large LCD display
- CR2032 battery



WATER RESISTANT DIGITRONIC CALIPER IP54

Code No	Range	Resolution	Length of Jaws
MW110-15WR	0-150mm / 0-6"	0.01mm / 0.0005"	40mm
MW110-20WR	0-200mm / 0-8"	0.01mm / 0.0005"	50mm
MW110-30WR	0-300mm / 0-12"	0.01mm / 0.0005"	60mm

Waterproof Digitronic 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



WATERPROOF DIGITRONIC CALIPER IP67

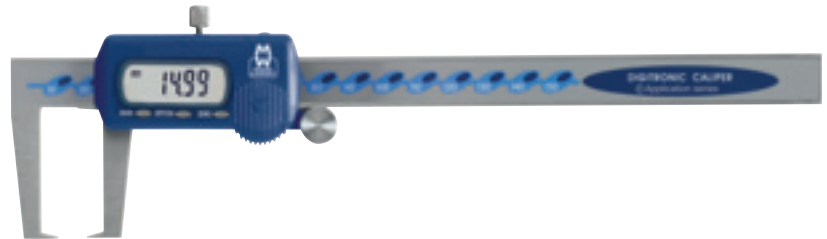
Code No	Range	Resolution	Length of Jaws
MW110-15DIP	0-150mm / 0-6"	0.01mm / 0.0005"	40mm

Digitronic Caliper For External Grooves 120 Series

Features

Standard: Factory Standard

- Top quality digital caliper
- Features knife style jaws for measuring of external grooves
- Modern design
- Large 7.5mm character height digital display
- Long life guaranteed
- Ground micro-lapped measuring surfaces
- Standard with roller button for easy controlled operation
- Functions: mm/inch conversion, on/off, data-output, zero-setting, battery low indication



DIGITRONIC CALIPER FOR EXTERNAL GROOVES

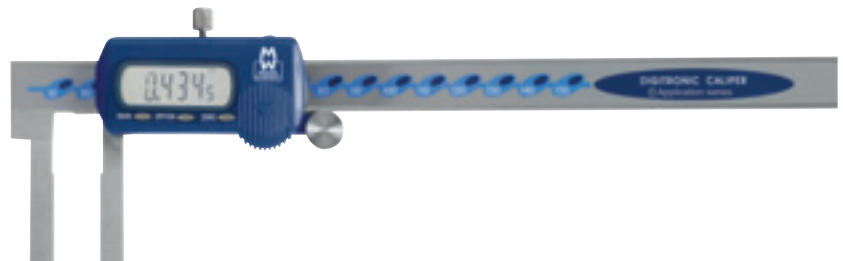
Code No	Range	Resolution
MW120-15DC	0-150mm / 0-6"	0.01mm / 0.0005"

Digitronic Caliper for Internal Grooves 125 Series

Features

Standard: Factory Standard

- Top quality digital caliper
- Features universal jaws for measuring grooves
- Modern design
- Large 7.5mm character height digital display
- Long life guaranteed
- Ground micro-lapped measuring surfaces
- Standard with roller button for easy controlled operation
- Functions: mm/inch conversion, on/off, data-output, zero-setting, battery low indication



DIGITRONIC CALIPER FOR INTERNAL GROOVES

Code No	Range	Resolution
MW125-15DC	0-150mm / 0-6"	0.01mm / 0.0005"

Digitronic Caliper for External Grooves 120 Series

Features

Standard: Factory Standard

- Top quality digital caliper
- Features standard jaws for measuring of external grooves
- Modern design
- Large 7.5mm character height digital display
- Long life guaranteed
- Ground micro-lapped measuring surfaces
- Standard with roller button for easy controlled operation
- Functions: mm/inch conversion, on/off, data-output, zero-setting, battery low indication



DIGITRONIC CALIPER FOR EXTERNAL GROOVES

Code No	Range	Resolution
MW120-15DB	0-150mm / 0-6"	0.01mm / 0.0005"

Digitronic Long Jaw Caliper 110 Series

Features

Standard: Factory Standard

- Top quality digital caliper
- Equipped with long jaws
- Modern design
- Large 7.5mm character height digital display
- Long life guaranteed
- Ground micro-lapped measuring surfaces
- Standard with roller button for easy controlled operation
- Functions: mm/inch conversion, on/off, data-output, zero-setting, battery low indication



DIGITRONIC LONG JAW CALIPER

Code No	Range	Resolution	Length of Jaws
MW110-15DLJ	0-150mm / 0-6"	0.01mm / 0.0005"	60mm

Large Digitronic Workshop Caliper 150 Series

Features

Standard: Factory Standard

- Top quality digital caliper
- Modern design
- Large 7.5mm/10mm character height digital display
- Long life guaranteed
- Ground micro-lapped measuring surfaces
- Functions: mm/inch conversion, on/off, data-output, zero-setting, ABS/zero, battery low indication
- With fine adjustment



LARGE DIGITRONIC WORKSHOP CALIPER

Code No	Range	Resolution	Length of Jaws
MW150-50DDL	0-500mm / 0-20"	0.01mm / 0.0005"	100mm
MW150-60DDL	0-600mm / 0-24"	0.01mm / 0.0005"	100mm
MW150-75DDL	0-1000mm / 0-40"	0.01mm / 0.0005"	125mm

Digitronic Nib Type Workshop Caliper 160 Series

Features

Standard: Factory Standard

- Top quality digital caliper
- Features nib type and standard jaws
- Modern design
- Large 7.5mm character height digital display
- Long life guaranteed
- Ground micro-lapped measuring surfaces
- Standard with roller button for easy controlled operation
- Functions: mm/inch conversion, on/off, data-output, zero-setting, battery low indication
- With fine adjustment



DIGITRONIC NIB TYPE WORKSHOP CALIPER

Code No	Range	Resolution	Length of Jaws
MW160-20D	0-200mm / 0-8"	0.01mm / 0.0005"	60mm
MW160-30D	0-300mm / 0-12"	0.01mm / 0.0005"	60mm
MW160-50D	0-500mm / 0-20"	0.01mm / 0.0005"	150mm

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
- The scale shows mm value
- Measuring surface is micro-lapped



VERNIER DEPTH GAUGE

Code No	Range	Resolution	Length of base
MW170-15	0-150mm	0.02mm / 0.001"	100mm
MW170-15B	0-150mm	0.05mm / 1/128"	100mm
MW170-20	0-200mm	0.02mm / 0.001"	100mm
MW170-20B	0-200mm	0.05mm / 1/128"	100mm
MW170-30	0-300mm	0.02mm / 0.001"	100mm
MW170-30B	0-300mm	0.05mm / 1/128"	100mm
MW170-50B	0-500mm	0.05mm / 1/128"	150mm
MW170-50BI	0-500mm	0.02mm / 0.001"	150mm

Digitronic Depth Caliper 170 Series

Features

Standard: Factory Standard

- Top quality digital depth caliper
- Available with hook (H) or without hook (B)
- Modern design
- Large 7.5mm character height digital display
- Long life guaranteed
- Ground micro-lapped measuring surfaces
- Functions: mm/inch conversion, on/off, data-output, zero-setting, battery low indication



DIGITRONIC DEPTH CALIPER

Code No	Range	Resolution	Length of base
MW170-15DB	0-150mm / 0-6"	0.01mm / 0.0005"	100mm
MW170-15DH	0-150mm / 0-6"	0.01mm / 0.0005"	100mm
MW170-20DB	0-200mm / 0-8"	0.01mm / 0.0005"	100mm
MW170-20DH	0-200mm / 0-8"	0.01mm / 0.0005"	100mm
MW170-30DB	0-300mm / 0-12"	0.01mm / 0.0005"	100mm
MW170-30DH	0-300mm / 0-12"	0.01mm / 0.0005"	100mm

Mechanical Depth Gauge 172 Series

Features

- 0-25mm travel 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	Resolution
MW172-01	0-550mm	0.01mm

Digitronic Depth Gauge 172 Series

Features

- 0-25mm/0-1" travel 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



DIGITRONIC DEPTH GAUGE

Code No	Range	Resolution
MW172-01D	0-550mm / 0-22"	0.01mm / 0.0005"

Digitronic Tyre Profile Gauge 176 Series

Features

- Spring loaded with a hold measurement button for ease of use
- Large LCD display
- Supplied on retail packaging
- Vinyl holder supplied as standard



DIGITRONIC TYRE PROFILE GAUGE

Code No	Range	Resolution
MW176-01DTG	0-25mm / 0-1"	0.01mm / 0.0005"

Digitronic Mini Depth Gauge 177 Series

Features

- Spring loaded with hold measurement button for ease of use
- Large LCD display
- 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



DIGITRONIC MINI DEPTH GAUGE

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

Vernier Height Gauge 190 Series

Features

Standard: Factory Standard

- Zero reference point can be adjusted for calibration
- Beam and slide made of hardened stainless steel
- Measuring faces are micro-lapped for high accuracy
- Chrome plated scale
- Super solid heavy base for greater stability and rigidity
- Carbide tipped scriber



VERNIER HEIGHT GAUGE

Code No	Range	Resolution	Base
MW190-20*	0-200mm	0.02mm	110x65mm
MW190-30	0-300mm	0.02mm	125x85mm
MW190-50	0-500mm	0.02mm	170x110mm
MW190-60	0-600mm	0.02mm	180x120mm
MW190-75	0-1000mm	0.02mm	250x150mm

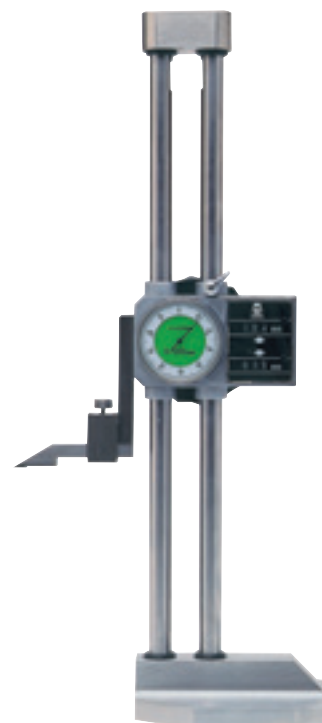
* 190-20, not adjustable, without magnifier glass

Double Column Height Gauge 195 Series

Features

Standard: Factory Standard

- Double column indicator height gauge
- Features dual directional digital counters and a dial indicator for fast and error free measurements
- Provided with a hand feed wheel for easy up and down feeding
- The digital counters can be set to zero at any position
- The double column combines high stability with absolute accuracy
- With carbide tipped scriber
- The counter reads steps of 1mm



DOUBLE COLUMN HEIGHT GAUGE

Code No	Range	Resolution	Base
MW195-30	0-300mm	0.01mm	125x85mm
MW195-50	0-600mm	0.01mm	180x120mm

Digitronic Mini Height Gauge 192 Series

Features

- Large LCD display
- Solid aluminium alloy base with magnets
- Hardened stainless steel beam
- Measuring range: 0-6" / 0-150mm
- Reading: inch/metric/fractional
- IP54 water, dust and oil resistant
- ABS, HOLD and power saving functions



DIGITRONIC MINI HEIGHT GAUGE

Code No	Range	Accuracy
MW192-20D	0-150mm / 0-6"	0.0015"

Digitronic Height Gauge 190 Series

Features

Standard: Factory Standard

- Features easy to read digital display
- Modern design
- 'Soft keys' for maximum operating comfort
- Ground micro-lapped measuring surfaces
- Functions: mm/inch conversion, on/off, data-output, zero-setting, max, min, hold, battery low indication



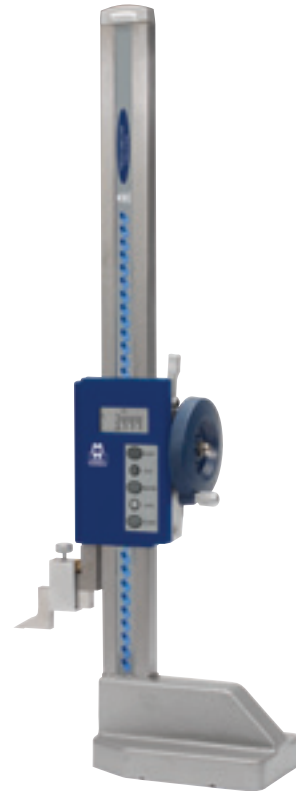
DIGITRONIC HEIGHT GAUGE

Code No	Range	Resolution	Base
MW190-20DBL	0-200mm / 0-8"	0.01mm / 0.0005"	110x65mm
MW190-30DBL	0-300mm / 0-12"	0.01mm / 0.0005"	125x85mm
MW190-50DBL	0-500mm / 0-20"	0.01mm / 0.0005"	150x110mm
MW190-60DBL	0-600mm / 0-24"	0.01mm / 0.0005"	150x110mm
MWY-100/02	Data cable		
MWY-100/08	Interface		
MWY-100/12	Software		

Digitronic Height Gauge 191 Series

Features

- Heavy duty beam
- Handwheel for ease of use
- ABS/INC measurement
- Large LCD display
- Inch/mm conversion
- Positive lock carbide scriber
- Supplied in moulded case



DIGITRONIC HEIGHT GAUGE

Code No	Range	Resolution
MW191-30DAB	0-300mm / 0-12"	0.01mm / 0.0005"
MW191-60DAB	0-600mm / 0-24"	0.01mm / 0.0005"

Digitronic Double Column Height Gauge 195 Series

Features

Standard: Factory Standard

- Double column indicator height gauge
- Provided with a hand feed wheel for easy up and down feeding
- The double column combines high stability with absolute accuracy
- With carbide tipped scriber
- Features large 7.5mm height, digital display
- Solid design
- 'Soft keys' for maximum operating comfort
- Ground micro-lapped measuring surfaces
- Functions: mm/inch conversion, on/off, data-output, zero-setting, max, min, battery low indication



DIGITRONIC DOUBLE COLUMN HEIGHT GAUGE

Code No	Range	Resolution	Base
MW195-30DDL	0-300mm / 0-12"	0.01mm / 0.0005"	125x85mm
MW195-60DDL	0-600mm / 0-24"	0.01mm / 0.0005"	180x120mm

Traditional Outside Micrometer 1961 Series

Features

Standard: BS870, DIN 863/1, ISO361

All models feature

- Tungsten carbide measuring faces
- 6.5mm spindle diameter
- 'Speeder' type ratchet
- Locking lever
- Choice of standard or vernier type sleeve
- Tapered bow frame
- Supplied in plastic pocket case
- Adjusting key
- Capacity of 0-25mm / 0-1"
- Pearl chrome plated frame with insulation pads



MECHANICAL OUTSIDE MICROMETER

Code No	Range	Resolution
MW1961M	0-25mm	0.01mm
MW1961MB	0-25mm	0.002mm
MW1961	0-1"	0.001"
MW1961B	0-1"	0.0001"

ACCURACY

Micrometer Range	Measuring Faces		Screw Pitch Accuracy
	Flatness	Parallelism	
Max Size up to			
25mm	0.001mm	0.003mm	0.003mm
1"	0.00005"	0.0001"	0.0001"

Traditional Outside Micrometer 1965 Series

Features

Standard: BS870, DIN 863/1, ISO361

All models feature

- Tungsten carbide measuring faces
- 6.5mm spindle diameter
- 'Speeder' type ratchet
- Locking lever
- Choice of standard or vernier type sleeve
- Tapered bow frame
- Supplied in plastic pocket case
- Adjusting key
- Capacity from 0-25mm / 0-1"
- Blue textured frame finish



MECHANICAL OUTSIDE MICROMETER

Code No	Range	Resolution
MW1965M	0-25mm	0.01mm
MW1965MB	0-25mm	0.002mm
MW1965	0-1"	0.001"
MW1965B	0-1"	0.0001"

ACCURACY

Micrometer Range	Measuring Faces		Screw Pitch Accuracy
	Flatness	Parallelism	
Max Size up to			
25mm	0.001mm	0.003mm	0.003mm
1"	0.00005"	0.0001"	0.0001"

Traditional Outside Micrometer, Mechanical 1966 Series

Features

Standards: BS870, DIN 863/1, ISO361

- Capacity from 25mm-150mm
- Tungsten carbide measuring faces
- 6.8mm spindle diameter
- 'Speeder' type ratchet
- Locking lever
- Choice of standard or vernier type sleeve
- Adjusting key
- Supplied complete with durable plastic case



MECHANICAL OUTSIDE MICROMETERS - IMPERIAL: 1-6"

Range	0.001" Carbide anvils	0.0001" Carbide anvils
1-2"	MW1966-2	MW1966B-2
2-3"	MW1966-3	MW1966B-3
3-4"	MW1966-4	MW1966B-4
4-5"	MW1966-5	MW1966B-5
5-6"	MW1966-6	MW1966B-6

MECHANICAL OUTSIDE MICROMETERS - METRIC: 25-150MM

Range	0.01mm Carbide anvils	0.002mm Carbide anvils
25-50mm	MW1966M50	MW1966MB50
50-75mm	MW1966M75	MW1966MB75
75-100mm	MW1966M100	MW1966MB100
100-125mm	MW1966M125	MW1966MB125
125-150mm	MW1966M150	MW1966MB150

ACCURACY

Micrometer Range	Measuring Faces		Screw Pitch Accuracy
Max Size up to	Flatness	Parallelism	
50mm	0.001mm	0.003mm	0.003mm
150mm	0.001mm	0.005mm	0.003mm

Micrometer Ball Attachment 878 Series

Features

- Ball diameter 6.5mm
- To suit the 1961, 1965 and 1966 series micrometers
- Can be fitted to the anvil or spindle on external micrometer series 1961, 1965 and 1966 to enable round or irregular surfaces to be measured
- The ball is hardened and moves freely to allow contact with the object being measured

Note: Always deduct the ball diameter from any reading.



MICROMETER BALL ATTACHMENT

Code No	Diameter
MW878M	6.5mm

Low Cost Outside Micrometer 200 Series

Features

Standard: DIN 863

- Standard workshop model
- Resolution 0.01mm
- Satin-chrome scale
- Painted frame with standard insulated grip
- Tapered for easier access to difficult areas
- With tungsten carbide measuring face and constant force ratchet
- Packed in plastic box with standard and adjusting key



LOW COST OUTSIDE MICROMETER

Code No	Range	Resolution
MW200-01BL	0-25mm	0.01mm
MW200-02BL	25-50mm	0.01mm
MW200-03BL	50-75mm	0.01mm
MW200-04BL	75-100mm	0.01mm

Outside Micrometer 200 Series

Features

Standard: DIN 863

- High quality outside micrometer
- Design Line product
- Satin-chrome scale
- Hammertone finished frame with high quality insulated grip
- Tapered for easier access to difficult areas
- With tungsten carbide measuring faces and constant force ratchet
- Packed in plastic box with standard and adjusting key



OUTSIDE MICROMETER METRIC

Code No	Range	Resolution
MW200-01	0-25mm	0.01mm
MW200-02	25-50mm	0.01mm
MW200-03	50-75mm	0.01mm
MW200-04	75-100mm	0.01mm

OUTSIDE MICROMETER IMPERIAL

Code No	Range	Resolution
MW200-01I	0-1"	0.0001"
MW200-02I	1-2"	0.0001"
MW200-03I	2-3"	0.0001"
MW200-04I	3-4"	0.0001"

Value Line Digitronic Micrometer 200 Series

Features

Standard: DIN 863

- Large LCD display
- Tapered for easier access to difficult areas
- Hammertone finished frame with high quality insulated grip
- Tungsten carbide measuring faces and constant force ratchet on thimble
- Functions: mm/inch conversion, ABS/INC, zero setting
- Packed in plastic box with standard (over 25mm)



VALUE LINE DIGITRONIC MICROMETER

Code No	Range	Resolution
MW200-01DBL	0-25mm / 0-1"	0.001mm / 0.00005"
MW200-02DBL	25-50mm / 1-2"	0.001mm / 0.00005"
MW200-03DBL	50-75mm / 2-3"	0.001mm / 0.00005"
MW200-04DBL	75-100mm / 3-4"	0.001mm / 0.00005"

Digitronic Outside Micrometer 201 Series

Features

Standard: DIN 863

- Protected to IP54 specifications
- Rugged steel design
- Large LCD display
- Absolute and Incremental modes
- Carbide measuring faces
- Ball attachment included
- Packed in plastic box with standard (over 25mm)



DIGITRONIC OUTSIDE MICROMETER

Code No	Range	Resolution
MW201-01DAB	0-25mm / 0-1"	0.001mm / 0.00005"
MW201-02DAB	25-50mm / 1-2"	0.001mm / 0.00005"
MW201-03DAB	50-75mm / 2-3"	0.001mm / 0.00005"
MW201-04DAB	75-100mm / 3-4"	0.001mm / 0.00005"

Large Outside Micrometer 210 Series

Features

Standard: DIN 863

- Strong forged steel frame, hammertone finish, quality insulated grip
- Design Line product
- Satin-chrome scale
- Tapered for easier access to difficult areas
- With tungsten carbide measuring faces and constant force ratchet
- Packed in wooden box with standard and adjusting key



LARGE OUTSIDE MICROMETER

Code No	Range	Resolution
MW210-01	100-125mm	0.01mm
MW210-02	125-150mm	0.01mm
MW210-03	150-175mm	0.01mm
MW210-04	175-200mm	0.01mm
MW210-05	200-225mm	0.01mm
MW210-06	225-250mm	0.01mm
MW210-07	250-275mm	0.01mm
MW210-08	275-300mm	0.01mm

Digitronic Large Outside Micrometer 210 Series

Features

Standard: DIN 863

- Strong forged steel frame, hammertone finish, quality insulated grip
- Design Line product
- Large 7.5mm character height digital display
- Tapered for easier access to difficult areas
- With tungsten carbide measuring faces and constant force ratchet
- Modern design
- 'Soft keys' for maximum operating comfort
- Long life guaranteed
- Functions: mm/inch conversion, set, on/off zero-setting, data-output, battery low indication, hold, 0...ABS
- Packed in wooden box with standard and battery cover key



DIGITRONIC LARGE OUTSIDE MICROMETER

Code No	Range	Resolution
MW210-01DDL	100-125mm / 4-5"	0.001mm / 0.00005"
MW210-02DDL	125-150mm / 5-6"	0.001mm / 0.00005"
MW210-03DDL	150-175mm / 6-7"	0.001mm / 0.00005"
MW210-04DDL	175-200mm / 7-8"	0.001mm / 0.00005"
MW210-05DDL	200-225mm / 8-9"	0.001mm / 0.00005"
MW210-06DDL	225-250mm / 9-10"	0.001mm / 0.00005"
MW210-07DDL	250-275mm / 10-11"	0.001mm / 0.00005"
MW210-08DDL	275-300mm / 11-12"	0.001mm / 0.00005"

Traditional Micrometer, Boxed Sets

Features

Standard: BS870, DIN 863 / 1, ISO361

- Resolutions of 0.01mm or 0.002mm metric, or 0.001" or 0.0001" imperial
- Tungsten carbide anvils

RESOLUTION 0.01mm / 0.001"

Range	Carbide anvils	Micrometers in set
0-150mm	MWMEB-322M	6
0-6"	MWMEB-322E	6

RESOLUTION 0.002mm / 0.0001"

Range	Carbide anvils	Micrometers in set
0-150mm	MWMEB-421M	6
0-6"	MWMEB-421E	6



Value Line Outside Micrometer Set 215 Series

Features

Standard: DIN 863

- Resolution 0.01mm
- Satin-chrome scale
- Satin chrome forged steel frame with insulated grip
- With tungsten carbide measuring faces and constant force ratchet
- Packed in wooden box with standards and adjusting key



VALUE LINE OUTSIDE MICROMETER SET

Code No	Range	Resolution	Micrometers in set
MW215-01BL	0-75mm	0.01mm	3 Basic version
MW215-02BL	0-100mm	0.01mm	4 Basic version
MW215-03BL	0-150mm	0.01mm	6 Basic version
MW215-04BL	0-200mm	0.01mm	8 Basic version

Micrometer With Interchangeable Anvils 217 Series

Features

Standard: DIN 863

- Features wide measuring range with interchangeable anvils
- Hardened and ground spindles/anvils
- Strong forged steel frame, hammertone finish, quality insulated grip
- Design Line product
- Satin-chrome scale
- Tapered for easier access to difficult areas
- With tungsten carbide measuring faces and constant force ratchet
- Packed in wooden box with standard and adjusting key



MICROMETER WITH INTERCHANGEABLE ANVILS

Code No	Range	Resolution
MW217-01	0-100mm	0.01mm
MW217-02	0-150mm	0.01mm
MW217-03	100-200mm	0.01mm
MW217-04	150-300mm	0.01mm
MW217-05	200-300mm	0.01mm

Analogue Snap Micrometer 290 Series

Features

- Measuring range 0 - 25mm & 25 - 50mm
- Retractable anvil with an indicator for precise measurement of mass produced parts
- Micrometer accuracy 0.003mm
- Indicator accuracy 0.001mm



ANALOGUE SNAP MICROMETER

Code No	Range	Resolution	Indicator Range
MW290-01	0-25mm	0.001mm	+/- 0.04mm
MW290-02	25-50mm	0.001mm	+/- 0.04mm

Mechadigit Basic Digital Outside Micrometer 230 Series

Features

Standard: DIN 863

- Low cost, mechanical/digital read-out micrometer
- Satin-chrome scale
- No batteries needed
- Forged steel frame with insulated grip
- Tapered for easier access to difficult areas
- With tungsten carbide measuring faces and constant force ratchet
- Packed in wooden/plastic box with standard and adjusting key



MECHADIGIT BASIC DIGITAL OUTSIDE MICROMETER

Code No	Range	Resolution
MW230-01MDB	0-25mm	0.01mm
MW230-02MDB	25-50mm	0.01mm

Blade Outside Micrometer 275 Series

Features

Standard: DIN 863

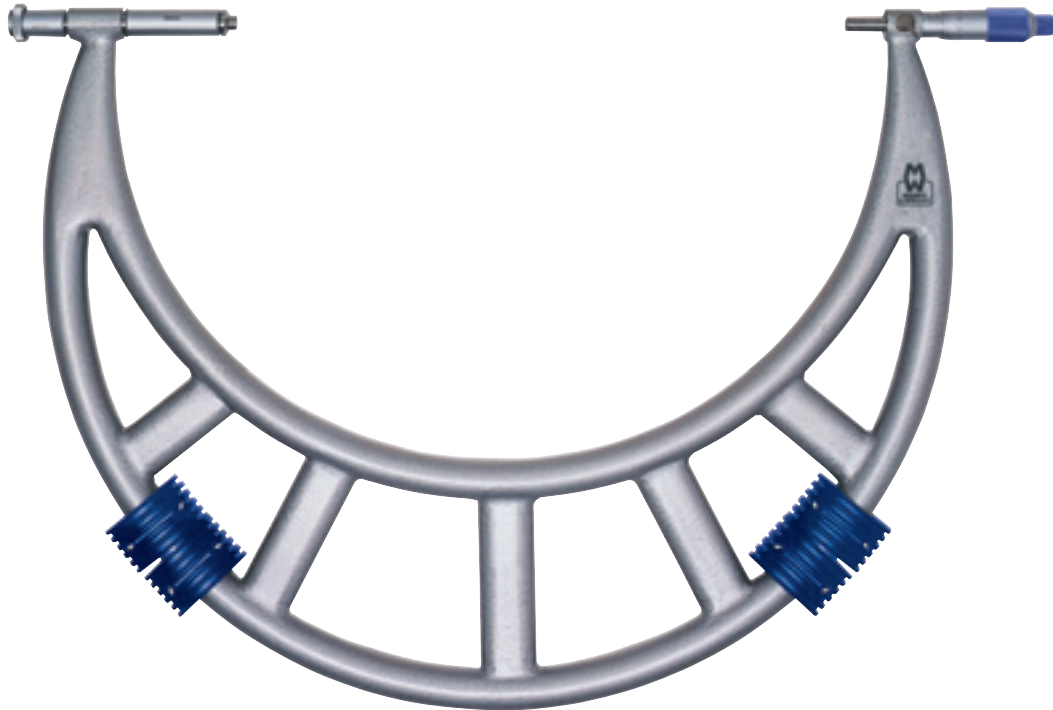
- Blade type micrometer with non-rotating spindle
- For measuring grooves, keyways etc.
- Design Line product
- Satin-chrome scale
- Hammertone finished frame with high quality insulated grip
- Tapered for easier access to difficult areas
- Constant force ratchet on thimble
- Packed in plastic box with standard and adjusting key



BLADE OUTSIDE MICROMETER

Code No	Range	Resolution
MW275-01	0-25mm	0.01mm
MW275-02	25-50mm	0.01mm
MW275-03	50-75mm	0.01mm
MW275-04	75-100mm	0.01mm

Extra Large Outside Micrometer 220 Series



Features

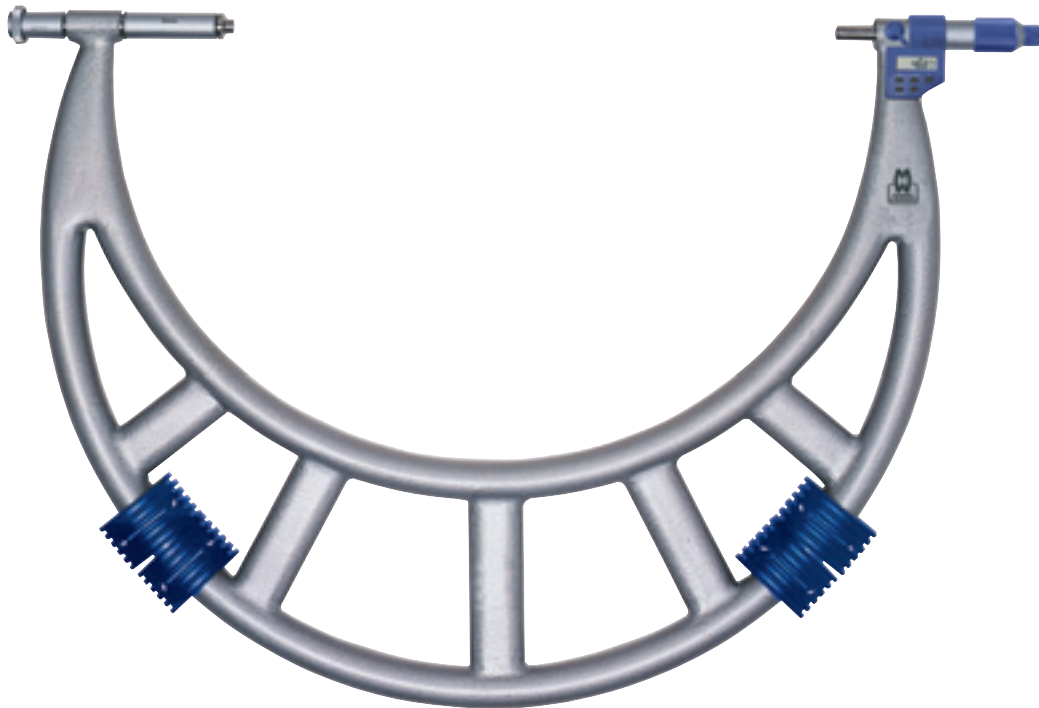
Standard: DIN 863 / IAIS

- Features wide measuring range with interchangeable anvils
- Hardened and ground spindles/anvils
- "Tube type" low weight model
- Satin-chrome scale
- Dur-al frame with insulated grips
- With tungsten carbide measuring faces and constant force ratchet
- Packed in wooden/plastic box with standard and adjusting key

EXTRA LARGE OUTSIDE MICROMETER

Code No	Range	Resolution
MW220-01	300-400mm	0.01mm
MW220-02	400-500mm	0.01mm
MW220-03	500-600mm	0.01mm
MW220-04	600-700mm	0.01mm
MW220-05	700-800mm	0.01mm
MW220-06	800-900mm	0.01mm
MW220-07	900-1000mm	0.01mm
MW220-08	1000-1200mm	0.01mm
MW220-09	1200-1400mm	0.01mm

Extra Large Digitronic Outside Micrometer 220 Series



Features

Standard: DIN 863 / IAIS

- Features wide measuring range with interchangeable anvils
- Hardened and ground spindles/anvils
- "Tube type" low weight, Dur-al frame with insulated grips
- Tapered for easier access to difficult areas
- Large 7.5mm character height digital display
- Modern design
- 'Soft keys' for maximum operating comfort
- Long life guaranteed
- Functions: mm/inch conversion, tolerance indication, ABS/INC, preset, on/off, zero-setting, data-output, battery low indication
- With tungsten carbide measuring faces and constant force ratchet on thimble
- Packed in wooden/plastic box with standard and adjusting key

EXTRA LARGE DIGITRONIC OUTSIDE MICROMETER

Code No	Range	Resolution
MW220-01DDL	300-400mm / 12-16"	0.001mm / 0.00005"
MW220-02DDL	400-500mm / 16-20"	0.001mm / 0.00005"
MW220-03DDL	500-600mm / 20-24"	0.001mm / 0.00005"
MW220-04DDL	600-700mm / 24-28"	0.001mm / 0.00005"
MW220-05DDL	700-800mm / 28-32"	0.001mm / 0.00005"
MW220-06DDL	800-900mm / 32-36"	0.001mm / 0.00005"
MW220-07DDL	900-1000mm / 36-40"	0.001mm / 0.00005"

Tube Micrometer 255 Series

Features

Standard: DIN 863

- High quality micrometer for measuring tube wall thickness
- With spherical anvil
- Design Line product
- Satin-chrome scale
- Hammertone finished frame with high quality insulated grip
- With tungsten carbide measuring faces and constant force ratchet on thimble
- Packed in plastic box with standard and adjusting key



TUBE MICROMETER

Code No	Range	Resolution
MW255-01	0-25mm	0.01mm

Digitronic Tube Micrometer 255 Series

Features

Standard: DIN 863

- High quality Digitronic micrometer for measuring tube wall thickness
- With spherical anvil
- Features 'easy to read' large 7.5mm character height, digital display
- 'Soft keys' for maximum operating comfort
- Long life guaranteed
- With constant force ratchet thimble
- Chrome plated frame with high quality insulated grip
- Functions: mm/inch conversion, on/off, zero-setting, data-output, battery low indication, hold, 0...ABS
- Packed in plastic box with standard and battery cover key



DIGITRONIC TUBE MICROMETER

Code No	Range	Resolution	A	B
MW255-01DDL	0-25mm / 0-1"	0.001mm / 0.00005"	27.5m	4.75mm

Point Micrometer 270 Series

Features

Standard: DIN 863

- Pointed spindle and anvil for measuring the web thickness of drills, small grooves, keyways and other hard to reach places
- Hammertone finished frame with high quality insulated grip
- Tapered for easier access to difficult areas
- With tungsten carbide measuring faces and constant force ratchet on thimble
- Packed in plastic box with standard and adjusting key



POINT MICROMETER

Code No	Range	Resolution	Point angle
MW270-01	0-25mm	0.01mm	15°
MW270-02	25-50mm	0.01mm	15°
MW270-03	50-75mm	0.01mm	15°
MW270-04	75-100mm	0.01mm	15°
MW270-05	0-25mm	0.01mm	30°
MW270-06	25-50mm	0.01mm	30°
MW270-07	50-75mm	0.01mm	30°
MW270-08	75-100mm	0.01mm	30°

Digitronic Point Micrometer 270 Series

Features

Standard: DIN 863

- Pointed spindle and anvil for measuring the web thickness of drills, small grooves, keyways and other hard to reach places
- Features 'easy to read' large 7.5mm character height, digital display
- Modern design
- 'Soft keys' for maximum operating comfort
- Long life guaranteed
- With constant force ratchet thimble
- Hammertone finished frame with high quality insulated grip
- Tapered for easier access to difficult areas
- Functions: mm/inch conversion, ABS/INC, on/off, zero-setting, data-output, battery low indication
- Packed in plastic box with standard setting rod



DIGITRONIC POINT MICROMETER

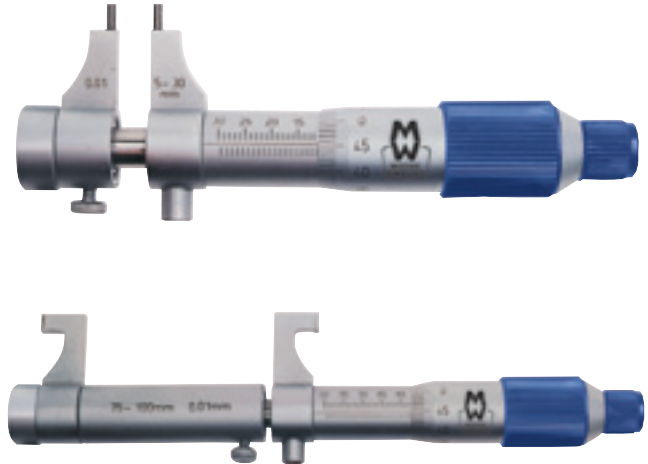
Code No	Range	Resolution	Point angle
MW270-01DDL	0-25mm / 0-1"	0.001mm / 0.00005"	30°
MW270-02DDL	25-50mm / 1-2"	0.001mm / 0.00005"	30°
MW270-03DDL	50-75mm / 2-3"	0.001mm / 0.00005"	30°
MW270-04DDL	75-100mm / 3-4"	0.001mm / 0.00005"	30°

Caliper Type Inside Micrometer 280 Series

Features

Standard: DIN 863

- For measuring the inside of a bore or hole
- Resolution 0.01mm
- With constant force ratchet thimble
- Satin chrome finished frame
- With tungsten carbide measuring faces and constant force ratchet
- Locking clamp for positive locking of spindle
- Packed in wooden/plastic box with setting ring and adjusting key



CALIPER TYPE INSIDE MICROMETER

Code No	Range	Resolution	Setting ring
MW280-01	5-30mm	0.01mm	Yes
MW280-02	25-50mm	0.01mm	Yes
MW280-03	50-75mm	0.01mm	No
MW280-04	75-100mm	0.01mm	No
MW280-05	100-125mm	0.01mm	No
MW280-06	125-150mm	0.01mm	No
MW280-07	150-175mm	0.01mm	No
MW280-08	175-200mm	0.01mm	No

Digitronic Caliper Type Inside Micrometer 280 Series

Features

Standard: DIN 863

- For measuring the inside of a bore or hole
- Features 'easy to read' large 7.5mm character height, digital display
- Modern design
- 'Soft keys' for maximum operating comfort
- Long life guaranteed
- With constant force ratchet thimble
- Satin chrome finished frame with high quality insulated grip
- Functions: mm/inch conversion, on/off, zero-setting, data-output, battery low indication, hold, 0...ABS
- Packed in plastic box with standard and battery cover key



DIGITRONIC CALIPER TYPE INSIDE MICROMETER

Code No	Range	Resolution	Setting Ring
MW280-01DDL	5-30mm / 0.2-1.2"	0.001mm / 0.00005"	Yes
MW280-02DDL	25-50mm / 1-2"	0.001mm / 0.00005"	Yes
MW280-03DDL	50-75mm / 2-3"	0.001mm / 0.00005"	No
MW280-04DDL	75-100mm / 3-4"	0.001mm / 0.00005"	No
MW280-05DDL	100-125mm / 4-5"	0.001mm / 0.00005"	No
MW280-06DDL	125-150mm / 5-6"	0.001mm / 0.00005"	No

Tubular Inside Micrometer 300 Series

Features

Standard: DIN 863

- Ideal for large diameters
- With tungsten carbide measuring faces
- All measuring faces are micro-lapped
- Satin-chromed scale and body with lock screw
- All extension pieces equipped with gauge parts are under constant spring loading
- Packed in a wooden box



TUBULAR INSIDE MICROMETER

Code No	Range	Resolution
MW300-01	50-250mm	0.01mm
MW300-02	50-600mm	0.01mm
MW300-04	150-2000mm	0.01mm

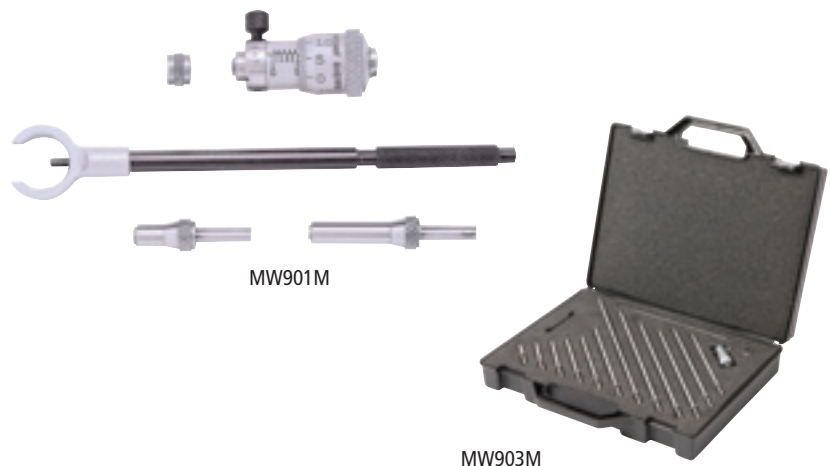


Traditional Internal Micrometer 900 Series

Features

Standard: BS959

- Supplied with measuring head, extension rods and spacing collar for alternative measuring ranges
- Smaller models have detachable extension handles (901, 902 & 903)
- All models supplied in a fitted case



MW901M

MW903M

TRADITIONAL INTERNAL MICROMETER

Range	Head Range	Code No
25-55mm	5mm	MW901M
1-2"	0.25"	MW901
50-210mm	10mm	MW902M
2-8"	0.50"	MW902
50-310mm	10mm	MW903M
2-12"	0.50"	MW903



Traditional Depth Gauge Micrometer

MW890 Series:

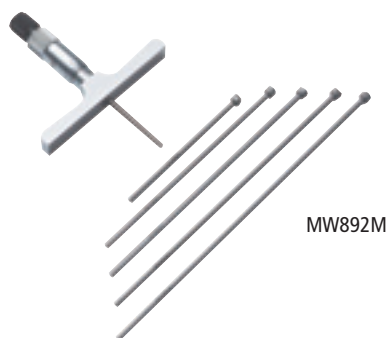
- Fixed depth rod, 6.8mm diameter
- 63.5mm / 2 1/2" base length
- 'Speeder' type ratchet
- Lock screw

MW891 Series:

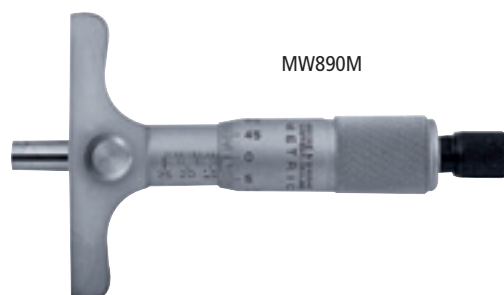
- Interchangeable depth rods, 4mm diameter
- 63.5mm / 2 1/2" base length

MW892 Series:

- As 891 Series except for:
100mm / 4" base length



MW892M



MW890M

DEPTH GAUGE MICROMETER

Range	MW890 Series	MW891 Series	MW892 Series
0-25mm	MW890M	n/a	n/a
0-1"	MW890	n/a	n/a
0-75mm	n/a	MW891M75	MW892M75
0-3"	n/a	MW891-3	MW892-3
0-150mm	n/a	MW891M150	MW892M150
0-6"	n/a	MW891-6	MW892-6
0-300mm	n/a	MW891M300	MW892M300
0-12"	n/a	MW891-12	MW892-12

Digitronic Depth Micrometer 305 Series

Features

Standard: DIN 863

- Interchangeable rods
- Rods are hardened and the measuring faces are micro-lapped
- Features 'easy to read' large 7.5mm character height, digital display
- 'Soft keys' for maximum operating comfort
- Constant force ratchet thimble
- Satin chrome finished base
- Functions: mm / inch conversion, set, on/off, zero-setting, battery low indication, hold, 0...ABS



DIGITRONIC DEPTH MICROMETER

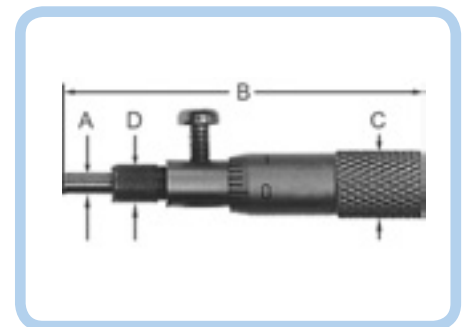
Code No	Range	Resolution	Base
MW305-00DDL	0-25mm / 0-1"	0.001mm / 0.00005"	4" / 100mm
MW305-01DDL	0-50mm / 0-2"	0.001mm / 0.00005"	4" / 100mm
MW305-02DDL	0-100mm / 0-4"	0.001mm / 0.00005"	4" / 100mm
MW305-03DDL	0-150mm / 0-6"	0.001mm / 0.00005"	4" / 100mm
MW305-04DDL	0-200mm / 0-8"	0.001mm / 0.00005"	4" / 100mm
MW305-05DDL	0-300mm / 0-12"	0.001mm / 0.00005"	4" / 100mm

Extra Small Micrometer Head 310 Series

Features

Standard: Factory Standard

- Universal micrometer head for incorporating into machines or other purposes
- Satin chrome finished body
- Laser engraved graduations



EXTRA SMALL MICROMETER HEAD

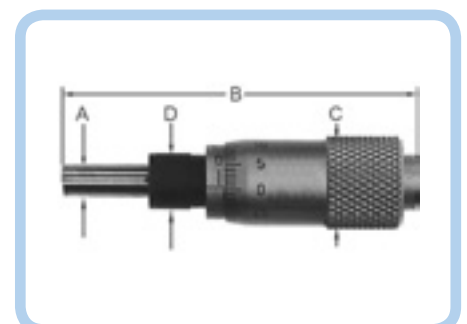
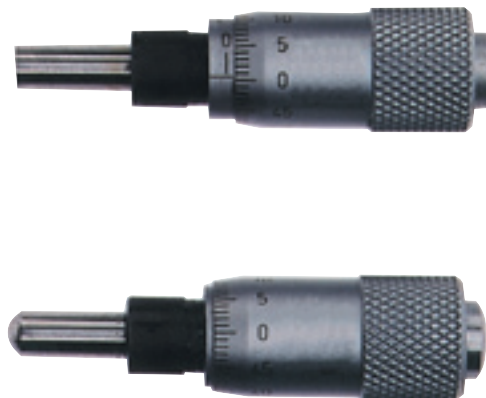
Code No	Range	Measuring face	Resolution	A	B	C	D
MW310-05	0-5mm	Flat	0.01mm	2.0mm	32.0mm	6.0mm	3.5mm
MW310-05R	0-5mm	Spherical	0.01mm	2.0mm	32.0mm	6.0mm	3.5mm

Small Micrometer Head 310 Series

Features

Standard: Factory Standard

- Universal small micrometer head for incorporating into machines or other purposes, easy to read due to large thimble
- Satin chrome finished body
- Laser engraved graduations



SMALL MICROMETER HEAD

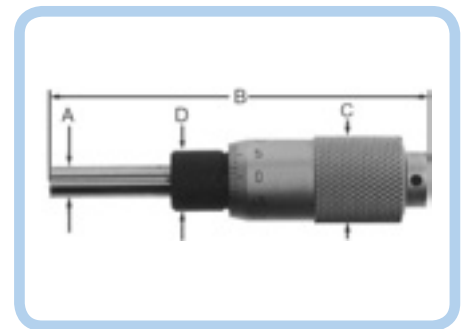
Code No	Range	Measuring face	Resolution	A	B	C	D
MW310-06	0-6.5mm	Flat	0.01mm	3.5mm	37.0mm	10.0mm	6.0mm
MW310-06R	0-6.5mm	Spherical	0.01mm	3.5mm	37.0mm	10.0mm	6.0mm

Small Micrometer Head 310 Series

Features

Standard: Factory Standard

- Spindle diameter 6.5mm
- Universal small micrometer head for X-Y stages or other purposes
- Satin chrome finished body
- Laser engraved graduations



SMALL MICROMETER HEAD

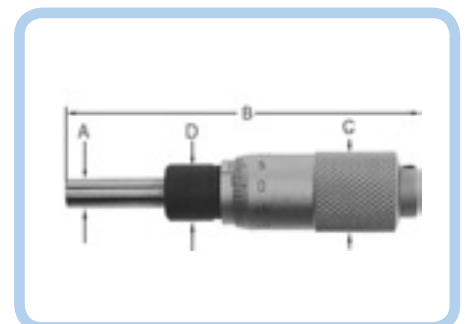
Code No	Range	Measuring face	Resolution	A	B	C	D
MW310-13	0-13mm	Flat	0.01mm	5.0mm	59.0mm	13.5mm	9.5mm

Small Micrometer Head 310 Series

Features

Standard: Factory Standard

- Spindle diameter 6.5mm
- Universal micrometer head for X-Y stages or other purposes
- Satin chrome finished body
- Laser engraved graduations



SMALL MICROMETER HEAD

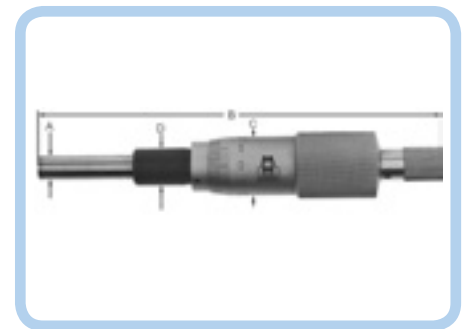
Code No	Range	Measuring face	Resolution	A	B	C	D
MW310-15	0-15mm	Flat	0.01mm	5.0mm	61.0mm	13.5mm	9.5mm

Standard Micrometer Head 310 Series

Features

Standard: Factory Standard

- Universal micrometer head for X-Y stages or other purposes
- Satin chrome finished body
- With constant force ratchet stop
- Laser engraved graduations



STANDARD MICROMETER HEAD

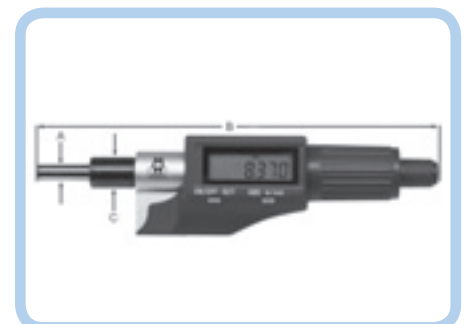
Code No	Range	Measuring face	Resolution	A	B	C	D
MW310-25	0-25mm	Flat	0.01mm	6.5mm	113.0mm	18.0mm	12.0mm

Digitronic Standard Micrometer Head 312 Series

Features

Standard: DIN862

- Universal micrometer head for X-Y stages or other purposes
- Large LCD display
- Constant force ratchet thimble
- Functions: mm/inch conversion, ABS/INC, zero-setting



DIGITRONIC MICROMETER HEAD

Code No	Range	Resolution	A	B	C
MW312-25	0-25mm / 1"	0.001mm / 0.00005"	6.5mm	150mm	12.0mm

Micrometer Stand 279 Series

Features

- Designed for micrometers up to 100mm
- Painted cast iron base with plastic covered clamping jaws
- Angle adjustable



MICROMETER STAND

Code No	Description
MW279-01A	Stand for micrometers up to 100mm

Micrometer Stand 279 Series

Features

- Designed for micrometers up to 100mm
- Clamp opening 5-15mm
- Painted cast iron base



MICROMETER STAND

Code No	Description
MW279-02	Folding stand for micrometers up to 100mm

External Minor Caliper

External Calipers - Long Leg:

- Graduations 0.02mm
- Effective leg length 87mm
- Maximum groove depth = A / Minimum width = B

External Calipers - Short Leg:

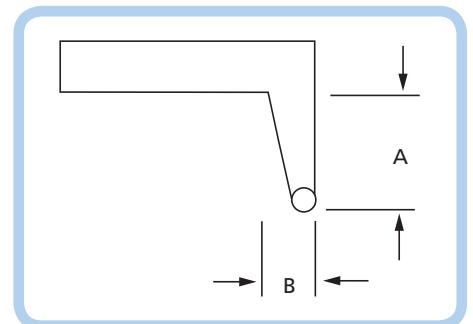
- Graduations 0.01mm
- Effective leg length 39.7mm
- Maximum groove depth = A / Minimum width = B



MWCAE201M



MWCAE101M



EXTERNAL CALIPERS

Code No	Range	Depth - A	Width - B
EXTERNAL CALIPERS: Long Leg			
MWCAE201M	0-20mm	9.30mm	3.0mm
EXTERNAL CALIPERS: Short Leg			
MWCAE101M	0-10mm	9.30mm	3.0mm

Internal Minor Caliper

Internal Calipers - Long Leg:

- Graduations 0.02mm
- Effective leg length 87mm
- Maximum groove depth = A / minimum width = B

Internal Calipers - Short Leg:

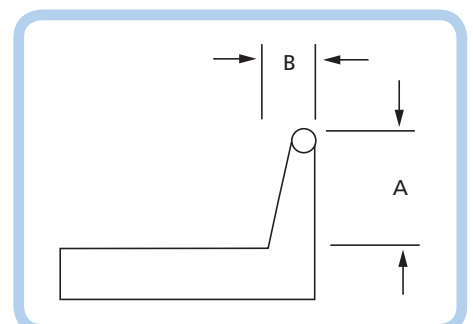
- Graduations 0.01mm
- Effective leg length 39.7mm
- Maximum groove depth = A / minimum width = B



MWCAI202M



MWCAI101M



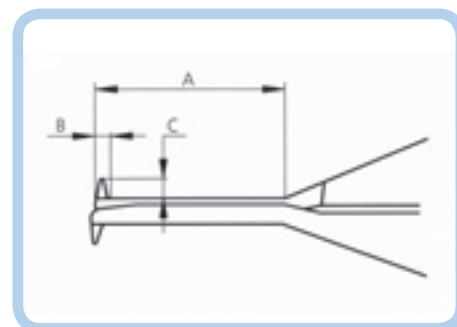
INTERNAL CALIPERS

Code No	Range	Depth - A	Width - B
INTERNAL CALIPERS: Long Leg			
MWCAI201M	10-30mm	3.3mm	1.8mm
MWCAI202M	20-40mm	7.0mm	2.5mm
MWCAI203M	30-50mm	9.75mm	2.8mm
MWCAI204M	40-60mm	9.75mm	2.8mm
MWCAI205M	50-70mm	9.75mm	2.8mm
INTERNAL CALIPERS: Short Leg			
MWCAI101M	5-15mm	1.1mm	1.5mm
MWCAI102M	10-20mm	3.3mm	1.5mm
MWCAI103M	15-25mm	4.0mm	1.8mm
MWCAI104M	20-30mm	7.0mm	2.5mm
MWCAI105M	25-35mm	9.0mm	2.8mm

Internal Digitronic Caliper 432 Series

Features

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



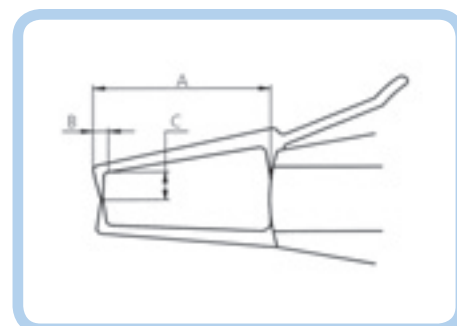
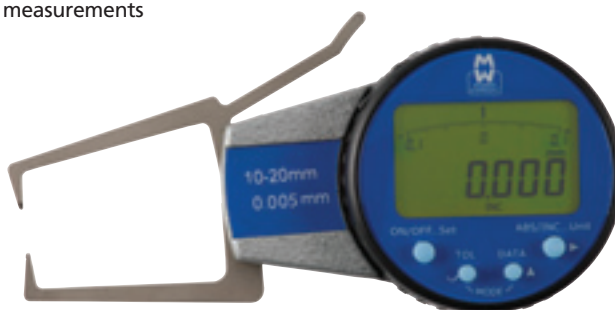
INTERNAL DIGITRONIC CALIPER SPECIFICATION

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

External Digitronic Caliper 442 Series

Features

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



EXTERNAL DIGITRONIC CALIPER SPECIFICATION

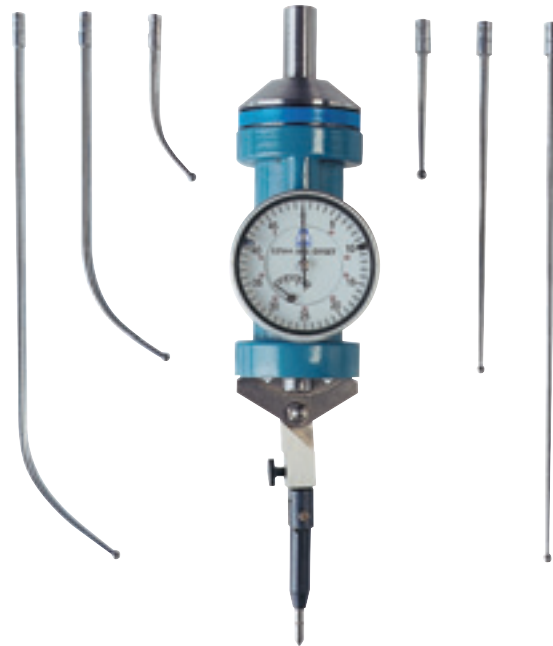
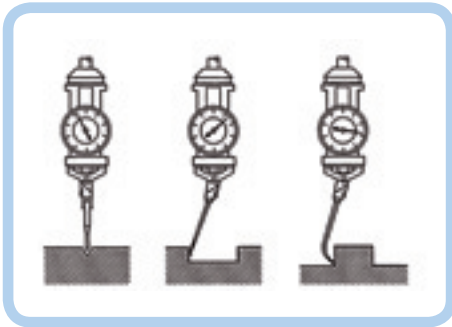
Code No	Range mm	Range Inch	Dims A(mm)	Dims B(mm)	Dims C(mm)	Contact Radius
MW442-01DC	0-10mm	0.2-0.4"	40.0	3.0	8.0	0.5mm
MW442-02DC	10-20mm	0.4-0.8"	40.0	3.0	8.0	0.5mm
MW442-03DC	20-30mm	0.8-1.2"	40.0	3.0	8.0	0.5mm
MW442-04DC	30-40mm	1.2-1.6"	40.0	3.0	8.0	0.5mm
MW442-05DC	40-50mm	1.6-2.0"	40.0	3.0	8.0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

Universal Centre Finder With Indicator 612 Series

Features

Standard: Factory Standard

- Universal equipment for finding the centre of a bore or to measure the concentricity of work pieces
- Indicator always faces operator, also when spindle runs
- With double indicator for maximum accuracy
- For vertical and horizontal use
- Includes 6 touch points for internal and external measurement



UNIVERSAL CENTRE FINDER WITH INDICATOR

Code No	Description	Int. range	Ext. range	Concentricity	Accuracy	Indicator range
MW612-01	Center finder	3.5-300mm	0-300mm	0.005mm	0.01mm	0-3mm

Digital Bore Gauging

Features

Standard: DIN 863 - Part 4

- Measurement range from 6 - 100mm
- Ergonomically designed pistol grip body
- Functions include 2 pre-set memories, tolerance indicator lights and mm/inch conversion
- RS232 data output facility
- Self centring measuring heads with tungsten carbide contact points
- Setting rings provided with each instrument complete with traceable certification
- Blind bore measurement on all instruments above 12.5mm



BOXED SETS

Code No	Range	Maximum bore depth	Accuracy
MWSD-610	6-10mm	58mm	0.004mm
MWSD-1020	10-20mm	62mm	0.004mm
MWSD-2050	20-50mm	66mm	0.004mm
MWSD-50100	50-100mm	82mm	0.005mm
MWSD-620	6-20mm	58-62mm	0.004mm
MWSD-20100	20-100mm	66-82mm	0.005mm

Analogue Bore Gauging

Features

Standard: DIN 863

- Range 2-300mm
- 2-6mm 2 point / 6-300mm 3 point measurement
- Tungsten carbide contact points above 12.5mm
- Traceable certificates supplied as standard with all micrometers and setting rings
- Blind bore measurement from 2 - 6mm and above 12.5mm diameter
- Micrometer head fitted with a ratchet for constant gauging pressure
- Supplied in robust fitted case
- Extensions available above 6mm for deep hole measurement
- Price includes setting ring
- Available as individual instruments or boxed sets



ANALOGUE BORE GAUGING

Code No	Range	Accuracy	Depth
MW-225	2-2.5mm	0.004mm	9mm
MW-253	2.5-3mm	0.004mm	9mm
MW-34	3-4mm	0.004mm	12mm
MW-45	4-5mm	0.004mm	18mm
MW-56	5-6mm	0.004mm	18mm
MW-68	6-8mm	0.004mm	58mm
MW-810	8-10mm	0.004mm	58mm
MW-10125	10-12.5mm	0.004mm	58mm
MW-12516	12.5-16mm	0.004mm	62mm
MW-1620	16-20mm	0.004mm	62mm
MW-2025	20-25mm	0.004mm	66mm
MW-2535	25-35mm	0.004mm	66mm
MW-3550	35-50mm	0.004mm	80mm
MW-5065	50-65mm	0.005mm	80mm
MW-6580	65-80mm	0.005mm	80mm
MW-80100	80-100mm	0.005mm	100mm
MW-100125	100-125mm	0.006mm	115mm
MW-125150	125-150mm	0.006mm	115mm
MW-150175	150-175mm	0.007mm	115mm
MW-175200	175-200mm	0.007mm	115mm
MW-200225	200-225mm	0.008mm	118mm
MW-225250	225-250mm	0.008mm	118mm
MW-250275	250-275mm	0.009mm	118mm
MW-275300	275-300mm	0.009mm	118mm

BOXED SETS

Code No	Range
MWS-23	2-3mm
MWS-36	3-6mm
MWS-610	6-10mm
MWS-1020	10-20mm
MWS-2050	20-50mm
MWS-50100	50-100mm
MWS-100150	100-150mm
MWS-150200	150-200mm

Bore Gauge Sets 316 Series

Features

- With interchangeable contact points
- Set of carbide tipped contact points included
- Unique self centring device
- Supplied with dial indicator, resolution 0.01mm
- Packed as set with all necessary accessories to measure the complete range as shown



BORE GAUGE SETS

Code No	Range	Resolution
MW316-01	6-10mm	0.01mm
MW316-02	10-18mm	0.01mm
MW316-03	18-35mm	0.01mm
MW316-04	35-50mm	0.01mm
MW316-05	50-160mm	0.01mm
MW316-06	100-250mm	0.01mm

Digitronic Bore Gauge Sets 316 Series

Features

- With interchangeable contact points
- Set of carbide tipped contact points included
- Unique self centring device
- Supplied with digital indicator with bar graph and numerical display
- Packed as set with all necessary accessories to measure the complete range as shown



DIGITRONIC BORE GAUGE SETS

Code No	Range	Resolution
MW316-12D	35-160mm	0.001mm / 0.00005"

Dial Test Indicator

Features

Standard: DIN2270

- Automatic reversal of measuring direction
- High precision fully jewelled bearings
- Rotating dial
- Two dovetail clamps
- Carbide points
- Long range - twice the range of most indicators (422 series only)



420 Series



421 Series



422 Series

DIAL TEST INDICATOR 420 SERIES

Code No	Range	Graduation	Dial Reading	Dial Diameter	Dial Colour	Feeler Length
MW420-03	0.8mm	0.01mm	0-40-0	30mm	white	12mm
MW420-03I	0.030"	0.0005"	0-15-0	1"	white	1/2"
MW420-04	0.8mm	0.01mm	0-40-0	37mm	white	12mm
MW420-04I	0.030"	0.0005"	0-15-0	1 1/2"	white	1/2"

DIAL TEST INDICATOR 421 SERIES

Code No	Range	Graduation	Dial Reading	Dial Diameter	Dial Colour	Feeler Length
MW421-01	0.2mm	0.002mm	0-100-0	30mm	white	12mm
MW421-01I	0.008"	0.0001"	0-4-0	1"	white	1/2"
MW421-02	0.2mm	0.002mm	0-100-0	37mm	white	12mm
MW421-02I	0.008"	0.0001"	0-4-0	1 1/2"	white	1/2"

DIAL TEST INDICATOR 422 SERIES

Code No	Range	Graduation	Dial Reading	Dial Diameter	Dial Colour	Feeler Length
MW422-01	1.6mm	0.01mm	0-40-0	37mm	white	12mm
MW422-01I	0.060"	0.0005"	0-15-0	1 1/2"	white	1/2"

Dial Test Indicator Accessories



DIAL TEST INDICATOR: ACCESSORIES

Code No	Description
MW-Z400/10	Universal Holder
MW-Z400/12	Contact point 12mm length, 1mm steel ball
MW-Z400/13	Contact point 12mm length, 2mm carbide ball
MW-Z400/14	Contact point 12mm length, 3mm carbide ball
MW-Z400/16	Contact point 1/2" length, 0.040" steel ball
MW-Z400/17	Contact point 1/2" length, 0.080" carbide ball
MW-Z400/18	Contact point 1/2" length, 0.120" carbide ball
MW-Z400/20	Dovetail stem 4mm clamping diameter
MW-Z400/22	Dovetail stem 8mm clamping diameter

Dial Indicator 400 Series

MW400-02



MW400-03



MW400-04



MW400-05



MW400-06



MW400-06B



MW400-08



MW400-09



DIAL INDICATOR

Code No	Range	Resolution	Diameter
MW400-01	0-1mm	0.001mm	58mm/flat
MW400-02	0-1mm	0.001mm	58mm/ear
MW400-03	0-3mm	0.01mm	42mm/ear
MW400-04	0-5mm	0.01mm	42mm/ear
MW400-05	0-10mm	0.01mm	58mm/flat
MW400-06	0-10mm	0.01mm	58mm/ear
MW400-06B	0-10mm	0.01mm	54mm/waterproof
MW400-08	0-30mm	0.01mm	58mm/ear
MW400-09	0-50mm	0.01mm	58mm/ear

Dial Indicator 401 Series

Features

Standard: ANSI B89.1.10

- Aluminium body
- With Tungsten carbide measuring tip
- Adjustable bezel with stop screw
- Tolerance indicators
- Lug back (flat back is optional)



MW401-01



MW401-02



MW401-05

DIAL INDICATOR

Code No	Range	Resolution	Bezel Diameter	Stem Diameter
MW401-01	0-0.5"	0.001"	58mm/ear	3/8" spindle dia.
MW401-02	0-1.0"	0.001"	58mm/ear	3/8" spindle dia.
MW401-05	0-25mm / 1"	0.01mm / 0.001"	60mm/ear	8mm spindle dia.

Digitronic Indicator 405 Series

Features

- Direct Inch / Metric conversion
- Lugback and 8mm stem mountings
- Resolution 0.01m/0.0005"
- Absolute / Incremental reading
- Floating Zero



DIGITRONIC INDICATOR

Code No	Range	Accuracy
MW405-04DB	0-12.7mm / 0.5"	0.02mm / 0.0008"
MW405-06DB	0-25.0mm / 1.0"	0.03mm / 0.0012"

Digitronic Indicator 410 Series

Features

- Functions include Tolerance and Min/Max
- Direct Inch / Metric conversion
- Lug back and 8mm stem mounting
- Resolution 0.001mm / 0.00005"
- Absolute / Incremental reading
- Floating Zero



DIGITRONIC INDICATOR

Code No	Range	Accuracy
MW410-02DF	0-12.7mm / 0.5"	0.008mm / 0.0003"

Digitronic Indicator 415 Series

Features

- Large LCD display
- Resolution 0.001mm / 0.00005"
- 8mm stem mounting
- Functions: mm/inch conversion, ABS/INC, Preset
- Floating zero



DIGITRONIC INDICATOR

Code No	Range	Accuracy
MW415-01	0-12.5mm / 0.5"	0.004mm / 0.00015"
MW415-02	0-25mm / 1"	0.005mm / 0.0002"
MW415-02	0-30mm / 1.2"	0.005mm / 0.0002"
MW415-04	0-50mm / 2"	0.006mm / 0.00025"

Lifting Type Thickness Gauge 455 Series



MW455-15



MW455-25

LIFTING TYPE THICKNESS GAUGE

Code No	Range	Throat depth	Resolution
MW455-15	0-10mm	0-10mm	0.01mm
MW455-25	0-10mm	0-30mm	0.01mm
MW455-35	0-10mm	0-120mm	0.01mm

Features

Standard: Factory Standard

- For quick measurement of thickness
- Dial indicator for accurate value reading
- Parallelism of the measuring surfaces 0.004mm

Lifting Type Digitronic Thickness Gauge 455 Series

Features

Standard: Factory Standard

- For quick measurement of thickness
- Features 'easy to read' large 7.5mm character height, digital display
- Modern design
- 'Soft keys' for maximum operating comfort
- Long life guaranteed
- Functions: mm/inch conversion, on/off, zero-setting, battery low indication
- Parallelism of the measuring surfaces <0.004mm



LIFTING TYPE DIGITRONIC THICKNESS GAUGE

Code No	Range	Throat depth	Resolution
MW455-15D	0-10mm	0-30mm	0.01mm
MW455-25D	0-10mm	0-120mm	0.01mm

Snapcal 461 Series

Features

- Spring-loaded travel
- Inch/mm conversion
- Wide faced flat jaw for easy positioning
- Hardened stainless steel construction
- Supplied in rugged holster



SNAPCAL

Code No	Range	Resolution	Accuracy
MW461-01D	0-30mm / 0-1.25"	0.01mm / 0.0005"	+/-0.02mm / 0.001"

Comparator Stand 498 Series

Features

- Hard chrome or hardened stainless steel column
- Table surface is lapped
- One piece bracket for high rigidity and constant parallelism



Indicator sold separately

COMPARATOR STAND

Code No	Total Height	Measuring Range	Measuring Table Area	Adapter Hole for dial gauge
MW498-05	280mm	110mm	98 x 98mm	8mm H7

Magnetic Indicator Stand 470 Series

Features

Standard: Factory Standard

- Basic type
- With powerful on/off magnetic base
- Magnetic force 80Kg / 175 LBS
- Universal model which can be used for indicators with or without "lug" on back plate
- Accepts dial test indicators, digital indicators and normal indicators
- Extra rigid



MAGNETIC INDICATOR STAND

Code No	Description	Remarks
MW470-01	ON/OFF Magnetic	-

Magnetic Indicator Stand 475 Series

Features

Standard: Factory Standard

- Features fine adjustment
- With powerful on/off magnetic base
- Magnetic force 80Kg / 175 LBS
- Universal model which can be used for indicators with or without "lug" on back plate
- Accepts dial test indicators, digital indicators and normal indicators
- Extra rigid



MAGNETIC INDICATOR STAND

Code No	Description	Remarks
MW475-01	ON/OFF Magnetic	Fine adjustment

Snake Stand 496 Series

Features

Standard: Factory Standard

- Corrosion resistant chrome plated flex arm
- Magnetic force 40kg / 85 lbs
- Holds rigidly in almost any position
- V-base for mounting on rounded surfaces



SNAKE STAND

Code No	Description
MW496-01	Snake Stand

Hydraulic Central Locking Indicator Stand 485 Series

Features

Standard: Factory Standard

- Features a unique hydraulic central lock for all arms and swivel positions
- Super solid model
- With fine adjustment
- With powerful on/off magnetic base
- Magnetic force 80Kg / 175 LBS
- Universal model which can be used for indicators with or without "lug" on back plate
- Accepts dial test indicators, digital indicators and normal indicators
- Dovetail groove for clamping a dial test indicator
- Super rigid



HYDRAULIC CENTRAL LOCKING INDICATOR STAND

Code No	Description	Remarks
MW485-01	ON/OFF Magnetic	Hydraulic lock dovetail groove

Articulating Magnetic Base 477 Series

Features

- Versatile magnetic base that can be adjusted in almost unlimited ways
- Fine adjustment
- 30kg clamp force
- V-slotted base



ARTICULATING MAGNETIC BASE

Code No	Description
MW477-01	Articulating arm magnetic base

Mini Magnetic Base 497 Series

Features

- 1 universal ball socket
- Microfine adjustment screw
- Dovetail mounting
- Chuck adapter



MINI MAGNETIC BASE

Code No	Description
MW497-01	Mini mag base
MW497-SET1	Mini mag base with MW420-04 DTI

Magnetic Base Set

Features

- Combined set for extra value
- Includes MW475-01 magnetic base with fine adjustment and MW400-06 0-10mm/0.01mm dial indicator



MAGNETIC BASE SET

Code No	Description
MW475-SET1	Magnetic base with MW400-06 dial indicator

Magnetic Base Set

Features

- Combined set for extra value
- Includes MW475-01 magnetic base with fine adjustment and MW405-04DB 0-12.5mm/0.01mm digital indicator



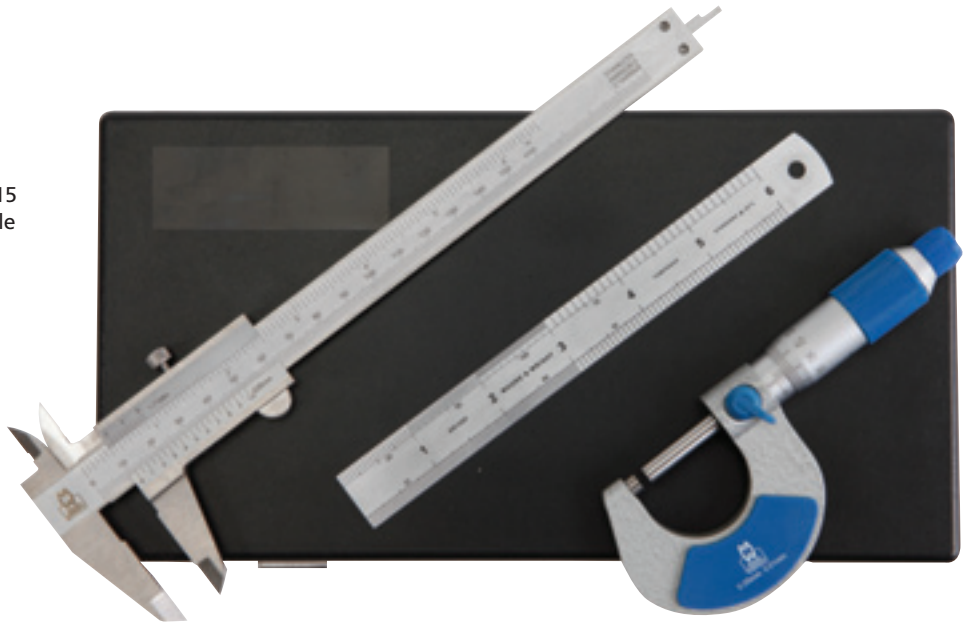
MAGNETIC BASE SET

Code No	Description
MW475-SET2	Magnetic base with MW405-04DB digital indicator

Micrometer, Vernier Caliper and Engineers Rule Set

Features

- Combined set for extra value
- Includes MW200-01 micrometer, MW110-15 Vernier caliper and ER106F 150mm / 6" rule



ENGINEERS SET

Code No	Description
MW200-SET1	Micrometer, Vernier Caliper and Engineers Rule Set

Micrometer, Dial Caliper and Engineers Rule Set

Features

- Combined set for extra value
- Includes MW200-01 micrometer, MW141-15 dial caliper and ER106F 150mm / 6" rule



ENGINEERS SET

Code No	Description
MW200-SET2	Micrometer, Dial Caliper and Engineers Rule Set

Digitronic Value Line Engineers Set

Features

- Combined set for extra value
- Includes MW200-01DBL Digitronic micrometer and MW110-15DBL Digitronic caliper



DIGITRONIC VALUE LINE ENGINEERS SET

Code No	Description
MW200-SET3	Value Line Digitronic Micrometer and Caliper Set

Digitronic IP54 Engineers Set

Features

- Combined set for extra value
- Includes MW201-01DAB Digitronic micrometer and MW110-15WR Digitronic caliper



DIGITRONIC IP54 ENGINEERS SET

Code No	Description
MW200-SET4	IP54 Digitronic Micrometer and Caliper Set

Carpenters' Square

Features

- Aluminium base and ergonomic design for ease of use
- Allows positive location and clamping
- Offers fixed angles: 45°, 90°
- With mini carbide scriber and level vial
- Squareness within 0.2mm/300mm
- in/mm ruler



CARPENTERS' SQUARE

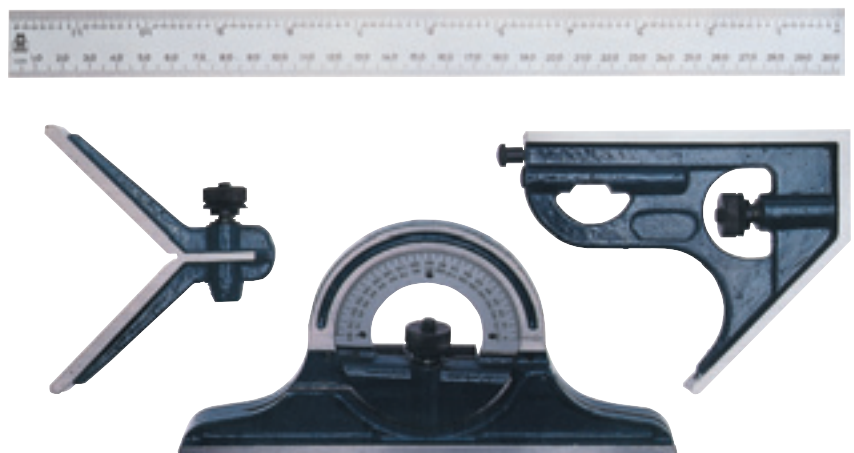
Code No	Rule Length	Rule Graduations
MW525-01	300mm / 12"	1.0mm

Combination Set 520 Series

Features

Standard: Factory Standard

- Three measuring heads are attached to the stainless steel ruler, allowing versatile measurements on various types of work pieces
- Square head, protractor head and centrehead
- For various measuring and marking applications
- Hardened and ground slide ways
- Stainless steel rule with engraved graduations

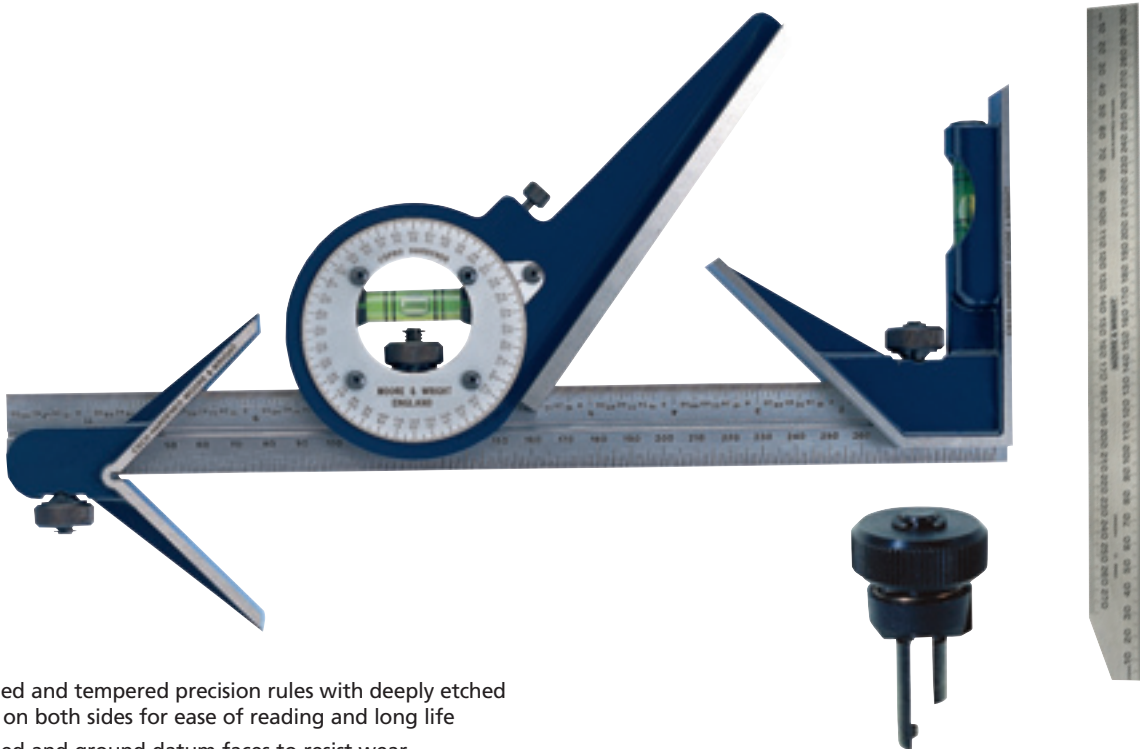


COMBINATION SET

Code No	Range	Items in set
MW520-01	180°	4

* Metric and inch scale rule

Traditional Precision Combination Set 300 Series



Features

- Fully hardened and tempered precision rules with deeply etched graduations on both sides for ease of reading and long life
- Fully hardened and ground datum faces to resist wear
- Centrally mounted protractor vial allows unrestricted viewing
- Protractor has full 360° scale plate, graduated 0 - 180° - 0
- Satin chrome scale plate on protractor
- Unique rule clamp allows positive location and clamping
- Square head offers the following fixed angles: 15°, 30°, 45°, 60°, 75° & 90°
- Centre head offers a fixed 90° angle, for finding the centre of round bar stock up to 120mm diameter
- Clipped corner on rule to maximise capability

METRIC PRECISION COMBINATION SETS & RULES

Item	Details	Code No
Precision Combination Set	Full set including 300mm rule (graduated both sides), Protractor head, Square head and Centre head	MWCSM300
Rule, 300mm	mm and 0.5mm on both sides; numbered every 10mm	MWCSRM300
Rule, 600mm	mm and 0.5mm on both sides; numbered every 10mm	MWCSRM600

METRIC / IMPERIAL PRECISION COMBINATION SETS & RULES

Precision Combination Set	Full set inc. 300mm/12" rule, Protractor head, Square head & Centre head	MWCSME12
Rule, 300mm / 12"	Metric graduations: in 0.5mm, numbered every 10mm. Imperial graduations: 32nds and 64ths numbered every 1/8"	MWCSRME12
Rule, 600mm / 24"	Metric graduations: in 0.5mm, numbered every 10mm. Imperial graduations: 32nds and 64ths numbered every 1/8"	MWCSRME24

METRIC PRECISION COMBINATION SETS & RULES

Item	Details	Code No
Protractor head	Supplied as standard with CSM300 & CSME12 precision combination sets	MWCSPRO
Square head	Supplied as standard with CSM300 & CSME12 precision combination sets	MWCSSH
Centre head	Supplied as standard with CSM300 & CSME12 precision combination sets	MWCSCH
Replacement rule clamp screw	Supplied as standard with CSM300, CSSH and CSCH	MWRPCSCS

Bevel Protractor BPRO Series

Features:

- Complies with BS1685
- Resolution of 5 arc minutes (1/12 degree)
- Fully hardened and ground stainless steel body
- Top mounted adjuster for fine setting whilst the unit is on a flat surface
- Choice of blade lengths
- Locking lever fitted for ease of blade insertion and positive clamping
- Bevelled blade ends to facilitate working in awkward corners
- Scale plate is graduated 0 - 90° - 0, in both directions through 360°
- Satin chrome plated scale for glare free readings
- Magnifying lens for clear easy reading of the flush scale, preventing parallax errors



BEVEL PROTRACTOR

Item	Details	Code No
Basic Set	Protractor body and 150mm blade	MWBPRO-6
Full Set	Protractor body, 150mm & 300mm blades, and acute angle attachment	MWBPRO
300mm Blade	Supplied as standard with full set	MWBP12-RULE
Acute Angle	Attachment (Supplied as standard with full set)	MWAAA

Universal Bevel Protractor 500 Series

Features

Standard: Factory Standard

- Made of high quality hardened and ground stainless steel
- High precision satin chromed scale
- Minimum reading 5 minutes
- Magnifying glass for easy reading
- With fine adjustment and height gauge attachment
- 300mm / 12" and 150mm / 6" rule
- Packed as set in plastic box



UNIVERSAL BEVEL PROTRACTOR

Code No	Range
MW500-01	360 °

Indicator Bevel Protractor 510 Series

Features

Standard: Factory Standard

- Features high quality indicator
- Made of high quality hardened and ground stainless steel
- High precision satin chromed scale
- Minimum reading 5 minutes
- Magnifying glass for easy reading
- With fine adjustment and height gauge attachment
- 300mm / 12" rule and 150mm / 6" rule
- Packed as set in plastic box



INDICATOR BEVEL PROTRACTOR

Code No	Range
MW510-01	360°

Digitronic Protractor 500 Series

Features

- 360° measuring range (4 x 90°)
- Manufactured from stainless steel
- Displays in deg/min/sec and decimal
- Resolution 30"
- Accuracy +/- 5'
- Fine adjustment
- Supplied with 150mm, 200mm and 300mm blades
- Supplied with acute angle attachment
- Battery CR2032



DIGITRONIC PROTRACTOR

Code No	Description
MW500-01D	Digital Protractor 0-360°

Digitronic Protractor

Features

- Large LCD display
- Strong magnets on all blade edges
- Easy-to-use and strong lock device
- Hold function
- Reversible reading
- Accuracy: $\pm 0.2^\circ$



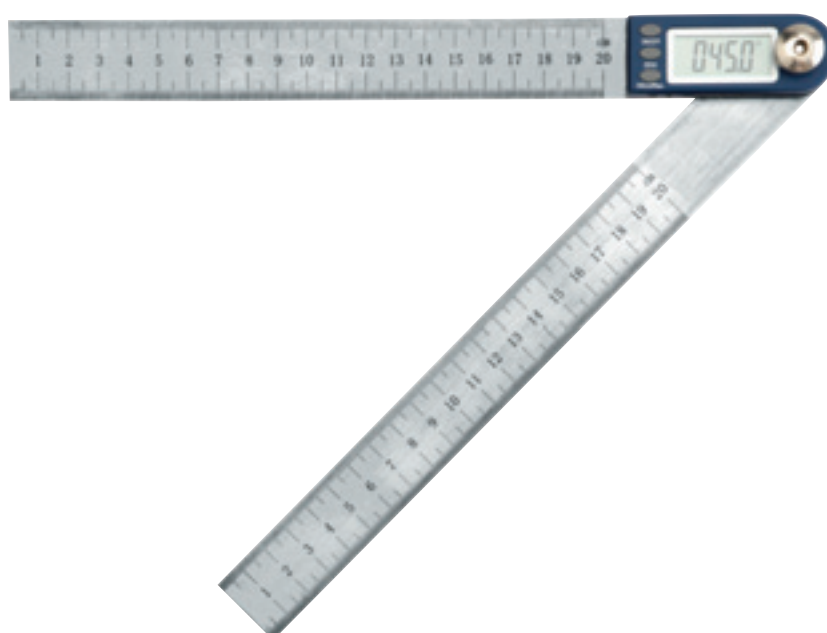
DIGITRONIC PROTRACTOR

Code No	Sizes	Measuring Range	Resolution
MW505-01	100mm / 4"	360°	0.05°
MW505-02	200mm / 8"	360°	0.05°
MW505-03	300mm / 12"	360°	0.05°

Digitronic Angle Rule

Features

- Large LCD display
- Easy-to-use and strong lock device
- Inside and outside angle measuring
- Hold function
- Reversible reading
- Stainless steel rule blades with mm, 1/16", 1/32" and 1/64" scales



DIGITRONIC ANGLE RULE

Code No	Sizes	Resolution
MW506-01	200mm / 8"	0.05°
MW506-02	300mm / 12"	0.05°

ELS Engineers Level

Features

- Main vial sensitivity of 1 minute
- Each level is fitted with a main, cross and plumb vial
- Main vial protected by rotating shroud
- Vial solution maintains colour and fluidity under all workshop conditions
- Precision ground cast base with vee groove for location on cylindrical work



MWELS ENGINEERS LEVEL

Code No	Base Length	Resolution
MWELS	165x34x46mm	0.3mm / m

ELM Engineers Level

Features

- Main vial sensitivity of 1 minute
- Each level is fitted with a main, cross and plumb vial
- Main vial protected by rotating shroud
- Vial solution maintains colour and fluidity under all workshop conditions
- Precision ground cast base with vee groove for location on cylindrical work



MWELM ENGINEERS LEVEL

Code No	Base Length	Resolution
MWELM	310x36x58mm	0.3mm / m

Mini Level

Features

- Ultra compact dimensions and a single vial
- Machined from a solid block of carbon steel
- Supplied on retail card



METRIC / IMPERIAL MINI LEVEL

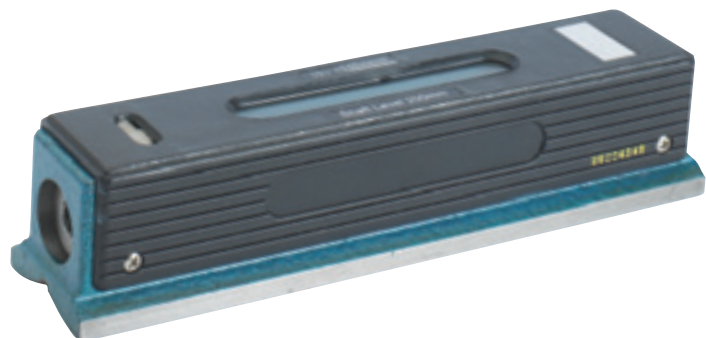
Length	Width	Height	Accuracy	Code No	Qty
65mm	20mm	38mm	$\pm 1^\circ$	MWELT-001XR	1
2.6"	0.79"	1.5"			

Engineers Level 550 Series

Features

Standard: Factory Standard

- With four ground measuring faces
- Features zero-point adjustment
- With V-slot on all sides
- Made of cast iron, solid and rigid construction
- With sub-level tube



ENGINEERS LEVEL

Code No	Base Length	Sensitivity
MW550-03	200mm	0.02mm/m

Digital Mini-Mag Level 570 Series

Features

- Measuring range 360° (4 x 90°)
- Embedded magnets on three sides
- Resolution 0.05°
- Accuracy +/- 0.2°
- Standard 9V battery
- Dimensions: L60mm x H60mm x W35mm



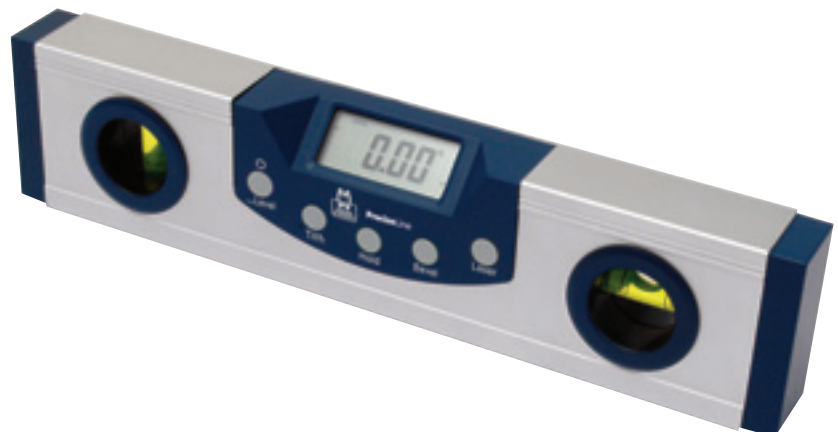
METRIC / IMPERIAL MINI-MAG LEVEL

Code No	Description
MW570-01	Mini-Mag Level

Digital Level 580 Series

Features

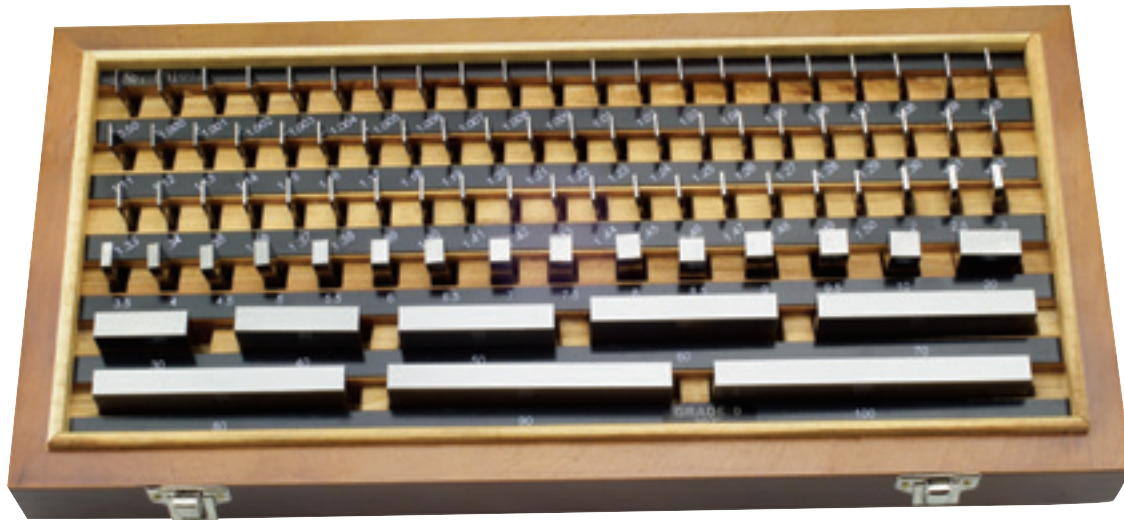
- Precision navigational level sensor
- CNC machined super flat edge
- Heavy duty aluminium alloy body, chrome finish
- Laser accurately extends level capabilities
- Strong magnets on underside
- Measuring: 4x90°
- Resolution: 0.05°
- Battery: standard 9V



DIGITAL LEVEL

Code No	Size	Resolution	Accuracy
MW580-01	150mm / 6"	0.05°	± 0.2°
MW580-02	225mm / 9"	0.05°	± 0.2°
MW580-03	600mm / 24"	0.05°	± 0.2°
MW580-04	1200mm / 48"	0.05°	± 0.2°

Steel Gauge Blocks 700 Series



Features

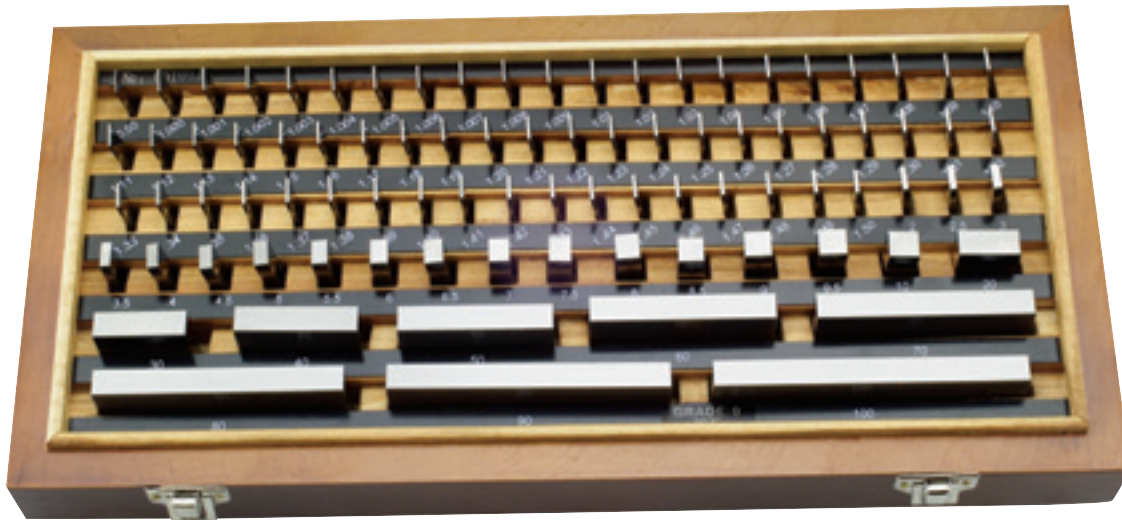
Standard: DIN 861

- Made from high quality stress relieved alloy steel
- Hardened to HV820 (HRC65)
- Excellent rigidity
- Size and serial number are engraved on each individual gauge block
- Available in 3 grades:
 - Grade 0 for calibration
 - Grade 1 for inspection
 - Grade 2 for workshop
- All sets have a MOORE & WRIGHT certificate
- All sets can be issued with a UKAS certificate at extra cost

STEEL GAUGE BLOCKS

Code No	Grade	No. blocks	Nominal size	Quantity	Step (mm)
MW700-01	0	103	1.005	1	-
MW700-02	1		1.01 - 1.49	49	0.01
MW700-03	2		0.50 - 24.50	49	0.5
			25.0 - 100.0	4	25
MW700-04	0	87	1.001 - 1.009	9	0.001
MW700-05	1		1.01 - 1.49	49	0.01
MW700-06	2		0.50 - 9.50	19	0.5
			10.0 - 100.0	10	10
Code No	Grade	No. blocks	Nominal size	Quantity	Step (mm)
MW700-07	0	47	1.005	1	-
MW700-08	1		1.01 - 1.09	9	0.01
MW700-09	2		1.10 - 1.90	9	0.1
			1.0 - 24.0	24	1
			25.0 - 100.0	4	25
MW700-10	0	32	1.005	1	-
MW700-11	1		1.01 - 1.09	9	0.01
MW700-12	2		1.10 - 1.90	9	0.1
			1.0 - 9.0	9	1
			10.0 - 30.0	3	10
			60.0	1	-

Carbide Gauge Blocks 710 Series



Features

Standard: DIN 861

- Made from solid carbide with high precision
- Service life is up to 6 times that of steel
- Excellent wringability due to micro polished surfaces
- Every gauge block has its own serial number
- Available in 3 grades
 - Grade 0 for calibration
 - Grade 1 for inspection
 - Grade 2 for workshop
- All sets have MOORE & WRIGHT certificate
- All sets can be issued with UKAS certificate at extra cost

CARBIDE GAUGE BLOCKS

Code No	Grade	No. blocks	Nominal size	Quantity	Step (mm)
MW710-01	0	103	1.005	1	-
MW710-02	1		1.01 - 1.49	49	0.01
MW710-03	2		0.50 - 24.50	49	0.5
			25.0 - 100.0	4	25
MW710-04	0	87	1.001 - 1.009	9	0.001
MW710-05	1		1.01 - 1.49	49	0.01
MW710-06	2		0.50 - 9.50	19	0.5
			10.0 - 100.0	10	10
Code No	Grade	No. blocks	Nominal size	Quantity	Step (mm)
MW710-07	0	47	1.005	1	-
MW710-08	1		1.01 - 1.09	9	0.01
MW710-09	2		1.10 - 1.90	9	0.1
			1.0 - 24.0	24	1
			25.0 - 100.0	4	25
MW710-10	0	32	1.005	1	-
MW710-11	1		1.01 - 1.09	9	0.01
MW710-12	2		1.10 - 1.90	9	0.1
			1.0 - 9.0	9	1
			10.0 - 30.0	3	10
			60.0	1	-

Micrometer Check Gauge Block Set 715 Series

Features

Standard: DIN 861

- For the inspection of micrometers according to DIN 863
- Grade 0 accuracy
- Nominal sizes (mm): 2.5, 5.1, 7.7, 10.3, 12.9, 15.0, 17.6, 20.2, 22.8, 25.0
- Includes parallel optical flat 30mm dia. x 12mm



MICROMETER CHECK GAUGE BLOCK SET

Code No	Description
MW715-01	10 Piece Micrometer Gauge Block Set

Bore Gauge Setting Master Kit 720 Series

Features

- Bore Gauge Setting Master Kit for accurately setting any bore gauge up to 160mm in diameter to an accuracy of 0.01mm
- Setting master and 33 piece metric gauge block set supplied in aluminium case

Setting Device

- Internal capacity 160mm
- Depth capacity 25mm
- Centralise capacity width 70mm
- Quick-release holder for fast adjustment

Gauge Block Set

- Accuracy to DIN 861, Grade2
- 33 piece metric steel set
- Includes MOORE & WRIGHT certificate



BORE GAUGE SETTING MASTER KIT

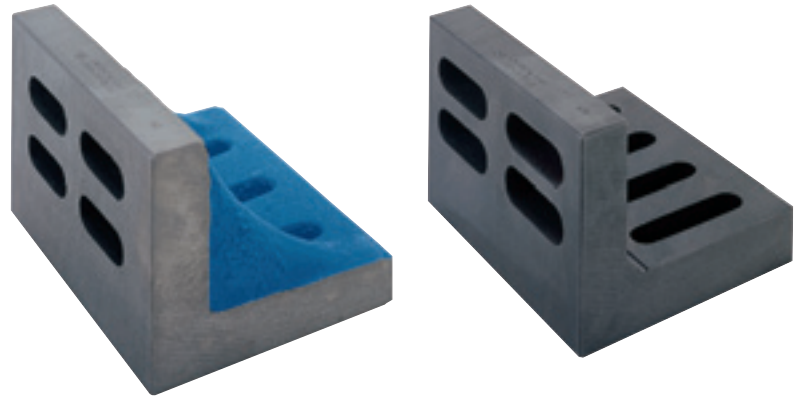
Code No	Description
MW720-01	Bore Gauge Setting Master Kit

Angle Plates, Webbed & Open End E Series

Features

Standard: BS5535, Grade B

- Manufactured from close grained cast iron
- Heat stabilised to prevent distortion
- Ground to tolerance on all four edges and two faces



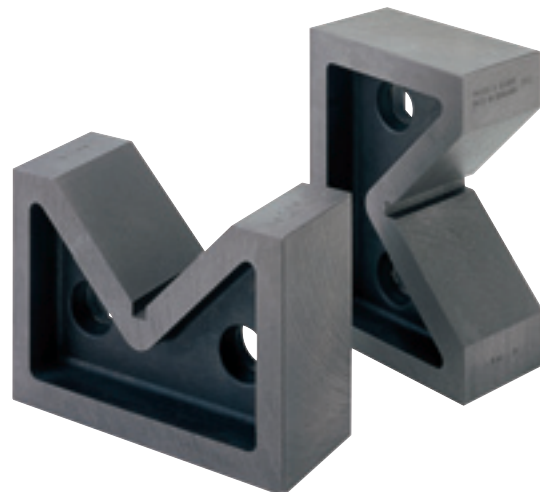
ANGLE PLATES, WEBBED & OPEN END

Code No	Type	Length	Width	Height	Code No	Type	Length	Width	Height
MWE200	Webbed	100mm	60mm	80mm	MWE301	Open end	125mm	80mm	100mm
MWE201	Webbed	125mm	80mm	100mm	MWE302	Open end	160mm	100mm	125mm
MWE202	Webbed	160mm	100mm	125mm	MWE304	Open end	200mm	125mm	160mm
MWE204	Webbed	200mm	125mm	160mm	MWE306	Open end	250mm	160mm	200mm
MWE206	Webbed	250mm	160mm	200mm	MWE307	Open end	315mm	200mm	250mm
MWE207	Webbed	315mm	200mm	250mm					

Vee Blocks, Standard Pairs 200 Series

Features

- Supplied in matched and numbered pairs only
- Manufactured from close grained cast iron
- Ground faces



VEE BLOCKS, STANDARD PAIRS

Code No	Capacity	Width	Length	Height	Accuracy
MW211	63mm	80mm	35mm	60mm	0.04mm
MW212	80mm	100mm	40mm	75mm	0.04mm
MW213	100mm	130mm	45mm	90mm	0.05mm
MW214	125mm	150mm	50mm	100mm	0.05mm
MW215	160mm	180mm	60mm	130mm	0.06mm
MW216	200mm	220mm	70mm	160mm	0.06mm

Engineers Straight Edge



Standard Features Include:

- Manufactured from high quality hardened steel
- Available with either square or one 30° bevelled edge
- Finish ground on both sides and edges
- Clearly marked supporting points on 900mm size

Light Section Straight Edges:

- Manufactured to BS5204 Grade B
- Suitable for general workshop use

Heavy Section features:

- Manufactured to BS5204 Grade A
- Suitable for precision, inspection and workshop use

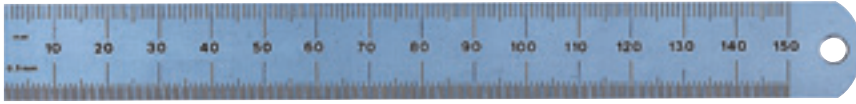
METRIC / IMPERIAL LIGHT SECTION (GRADE B) STRAIGHT EDGES

Length	Width	Thickness	Square Edge	Bevel Edge
305mm / 12"	32mm / 1 1/4"	4.76mm / 3/16"	MW310-12	MW310B-12
610mm / 24"	41mm / 1 5/8"	6.35mm / 1/4"	MW310-24	MW310B-24
914mm / 36"	51mm / 2"	7.94mm / 5/16"	MW310-36	MW310B-36

METRIC HEAVY SECTION (GRADE A) STRAIGHT EDGES

Length	Width	Thickness	Square Edge	Bevel Edge
305mm / 12"	41mm / 1 5/8"	6.35mm / 1/4"	MW312-12	MW312B-12
610mm / 24"	51mm / 2"	7.94mm / 5/16"	MW312-24	MW312B-24
914mm / 36"	64mm / 2 1/2"	9.53mm / 3/8"	MW312-36	MW312B-36

Engineers Rule MWER Series



Features

- Made from fine quality steel which has been hardened and tempered to provide the ideal balance between flexibility and durability
- 'D' end with hanging hole
- Satin chrome anti-glare finish
- Permanent black high definition scale markings

METRIC SCALES ONLY: TWO SIDES, FOUR EDGES

Rule length	Rule width	Rule thick	Front Face Graduations	Rear Face Graduations	Code No
150mm	19.0mm	0.4mm	0.5mm, 1.0mm	0.5mm, 1.0mm	MWER306F
300mm	25.0mm	1.0mm	0.5mm, 1.0mm	0.5mm, 1.0mm	MWER312

METRIC / IMPERIAL SCALES: TWO SIDES, FOUR EDGES

Rule length	Rule width	Rule thick	Front Face Graduations	Rear Face Graduations	Code No
150mm	19.0mm	0.4mm	1/16th, 1/32nd,	0.5mm, 1.0mm	MWER106F
/ 6"	12.5mm	0.4mm		0.5mm, 1.0mm	MWER206F
300mm	25.0mm	1.0mm	1/64th 1/10th,	0.5mm, 1.0mm	MWER112
/ 12"	12.5mm	1.0mm	1/20th, 1/50th	0.5mm, 1.0mm	MWER212
600mm	25.0mm	1.0mm	1/100th of an inch	0.5mm, 1.0mm	MWER424
/ 24"					

Engineers Square 400 Series

Features

Standard: BS939

- Workshop Grade B
- Precision ground blade and stock
- Blind rivetted construction
- Hardened and tempered blades



ENGINEERS SQUARE

Code No	Blade length	Approx. Stock length (inside face)
MW4003	75mm	49mm
MW4004	100mm	56mm
MW4006	150mm	82mm
MW4009	225mm	108mm
MW4012	300mm	139mm

Precision Engineers Square 910 Series

Features

Standard: DIN 875

- Made of hardened stainless steel
- Precision ground and micro-lapped
- 2 knife-form sides with angle of 40°
- Packed individually in leather-look bag or wooden box



PRECISION ENGINEERS SQUARE

Code No	Sizes
MW910-01	40x30mm
MW910-02	50x40mm
MW910-03	75x50mm
MW910-04	100x70mm
MW910-05	150x100mm
MW910-06	200x130mm

Sliding 'T' Square

Features

- Working surfaces of the stock are ground
- The blade is hardened, tempered and has a satin chrome finish



SLIDING 'T' SQUARE

Code No	Rule Length	Rule Graduations	Stock Length
MWDS71041	100mm	1mm, 0.5mm	60mm
MWDS71051	150mm	1mm, 0.5mm	60mm

Engineers Rule 900 Series

Features

Standard: DIN 874

- Made of hardened alloy steel
- Precision ground and micro-lapped
- Knife-form with angle of 30 degr.
- Packed individually in leather-look bag



ENGINEERS RULE

Code No	Length
MW900-01	50mm
MW900-02	75mm
MW900-03	100mm
MW900-04	125mm
MW900-05	150mm
MW900-06	200mm
MW900-07	300mm
MW900-08	400mm

Angle Meter 946 Series

Features

Standard: Factory Standard

- Made of tool steel
- Satin chromed, engraved scale
- Robust and durable



ANGLE METER

Code No	Length of ruler	Diameter of scale
MW946-01	120mm	80mm
MW946-02	150mm	120mm
MW946-03	200mm	150mm
MW946-04	300mm	200mm

Depth Gauge 43M & 44M

Depth Gauge:

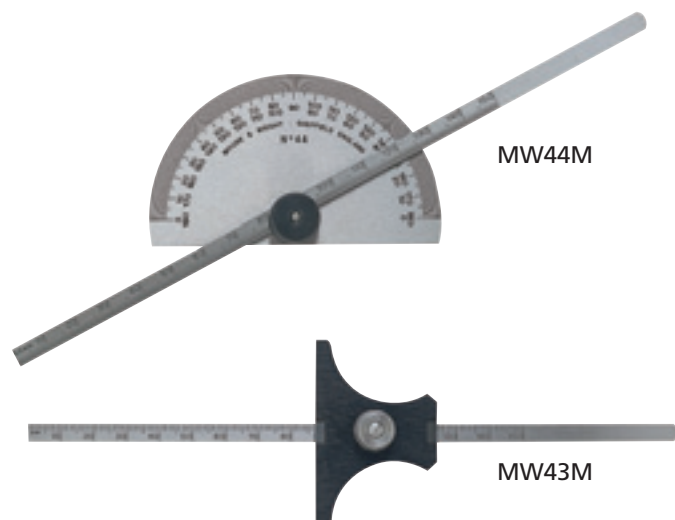
- Available with either reversible base or protractor
- Full range rule adjustment
- Readings can be fixed by means of a locknut
- Rules graduated on both sides

Reversible Base Type:

- Accurately ground top and bottom faces allow base to be reversed, for use in confined spaces

Protractor Type:

- Protractor plate is graduated 0° - 180° - 0°
- Scale resolution 0.5°



DEPTH GAUGE

Code No	Type	Total length of blade	Rule width	Rule thickness	Front face graduations	Rear face graduations	Base Length
MW43M	Reversible Base	195mm	5.5mm	1.0mm	0.5, 1.0mm	1.0mm	18mm, 56mm
MW44M	Protractor	195mm	5.5mm	1.0mm	0.5, 1.0mm	1.0mm	79mm

Telescopic Gauge Sets 315 Series

Features

- For quick inside measurement and determination of inside diameters
- Spring loaded plunger that expands in the bore or groove
- Satin chromed body
- With auto extension and direct locking
- Measuring faces are hardened and micro-lapped

Range	8 - 12.7mm
	12.7 - 19mm
	19 - 32mm
	32 - 54mm
	54 - 90mm
	90 - 150mm



METRIC / IMPERIAL TELESCOPIC GAUGE SETS

Code No	Range	Quantity
MW315-01	8-150mm	6-pieces

Carbide Tipped Scriber

Features

- Pocket clip
- Pearl chrome finish
- Robust design



MW5CT-001XR

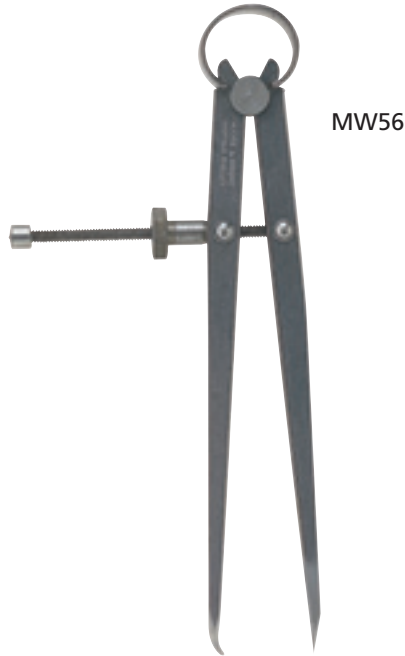


MW5CT-002R

CARBIDE TIPPED SCRIBER

Code No	Description
MW5CT-001XR	Retail Pack, replaceable carbide tipped scriber, supplied with spare tip
MW5CT-002R	Retail Pack, fixed carbide tipped scriber

Jenny (Hermaphrodite) Calipers



Features

Firm Joint Adjustable Point

- Manufactured from polished tool steel
- A large headed nut and screw assembly provides a firm and rigid friction joint, with no play
- The sizes listed are the effective leg length which is measured from the joint assembly
- Leg which holds the round adjustable hardened point is offset
- Model 341 has a locating spur on the straight leg

Note: Firm joint caliper capacities are generally 1/3 greater than the effective leg length

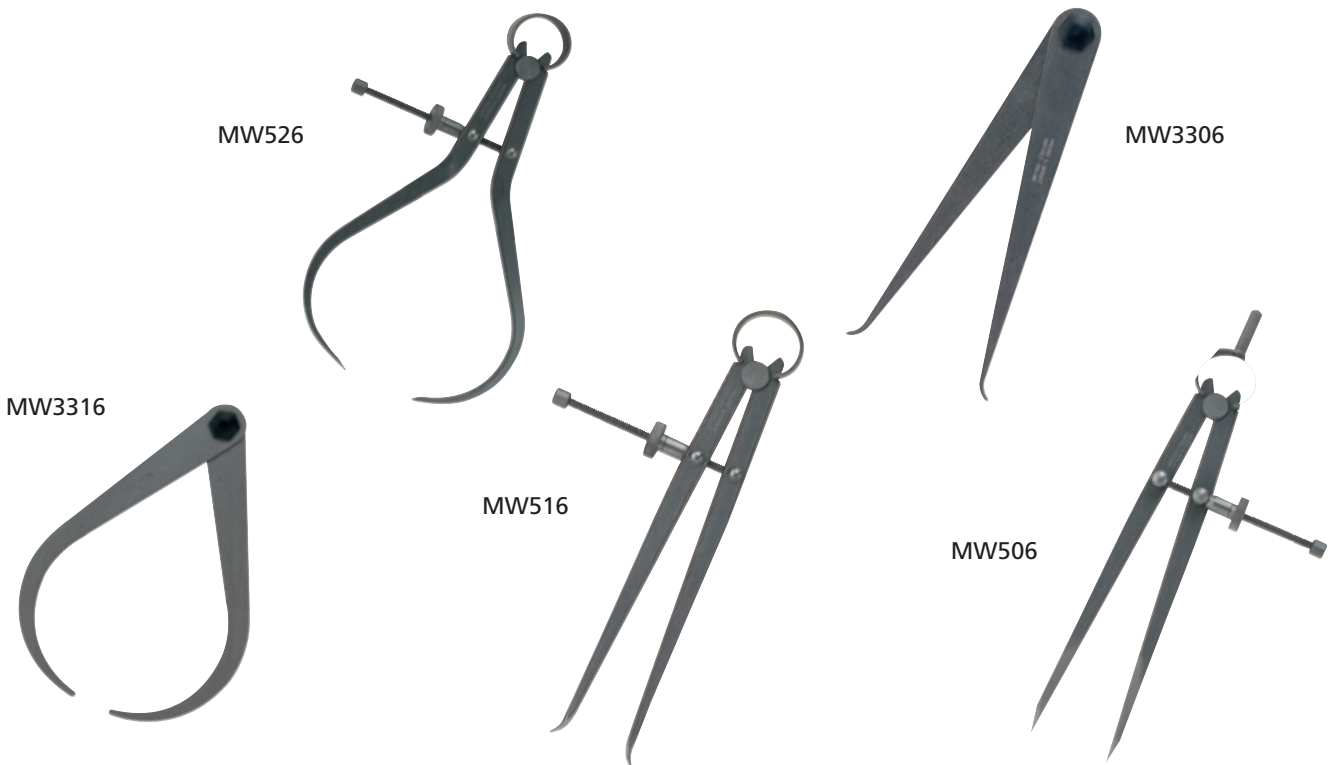
Spring Joint

- Manufactured from polished tool steel
- The marking leg is hardened to over 550Hv at the point
- Bow spring ensures uniform tension over working range
- Centrally mounted adjustment screw offers finer setting than firm joint type

METRIC / IMPERIAL JENNY CALIPERS

Size	Joint Type	Spring	Firm	Code No	Pk Qty
125mm / 5"	X	✓	✓	MW341	5
150mm / 6"	X	✓	✓	MW3366	5
150mm / 6"	✓	X	X	MW56	5

Inside and Outside Calipers



Standard: BS3123

Outside & Inside Calipers, Firm Joint:

- Manufactured from polished tool steel
- A large headed nut & screw assembly provides a firm & rigid friction joint, with no play
- The sizes listed are the effective leg length which is measured from the joint assembly

Note: Firm joint caliper capacities are generally 1/3 greater than the effective leg length

Outside Calipers, Spring Joint:

- Bow spring ensures uniform tension over working range
- Centrally mounted adjustment screw offers finer setting than firm joint type

Inside Calipers, Spring Joint:

- Bow spring ensures uniform tension over working range
- Centrally mounted adjustment screw
- Manufactured from polished tool steel

Spring Dividers:

- Manufactured from polished tool steel
- Points are hardened to over 550Hv
- Bow spring ensures uniform tension over working range
- Centrally mounted adjustment screw

Note: The nominal size is the distance between the centre of the roller and the working ends of the legs.

INSIDE AND OUTSIDE CALIPERS

Dividers & Inside / Outside Calipers: Spring Joint

Code No Dividers	Code No Inside	Code No Outside	Sizes mm
MW503	MW513	MW523	75
MW504	MW514	MW524	100
MW506	MW516	MW526	150
MW508	MW518	MW528	200
MW5010	MW5110	MW5210	250
MW5012	MW5112	MW5212	300

Inside Calipers: Firm Joint

Code No	Sizes mm
MW3306	150mm
MW3308	200mm
MW33012	300mm

Outside Calipers: Firm Joint

Code No	Sizes mm
MW3316	150mm
MW3318	200mm
MW33112	300mm
MW33118	450mm
MW33124	600mm

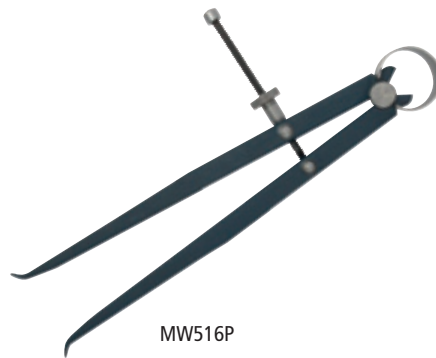
Powder Coated Calipers & Dividers

Features

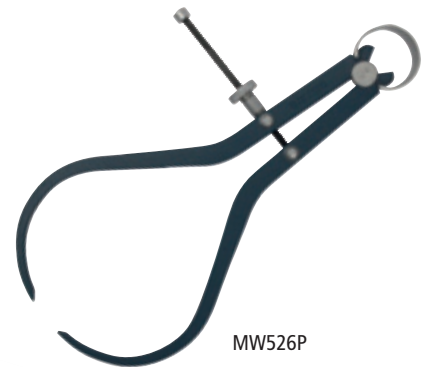
- Powder coated steel for extra durability
- Sizes listed are the effective leg length which is measured from the joint assembly



MW506P



MW516P



MW526P

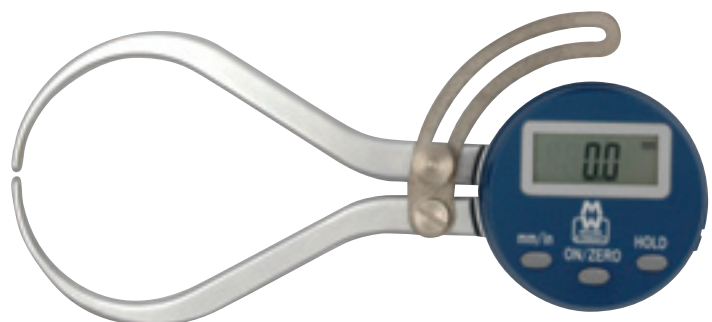
POWDER COATED CALIPERS & DIVIDERS

Code No Dividers	Code No Inside Calipers	Code No Outside Calipers	Sizes
MW504P	MW514P	MW524P	100mm / 4"
MW506P	MW516P	MW526P	150mm / 6"
MW5012P	MW5112P	MW5212P	300mm / 12"

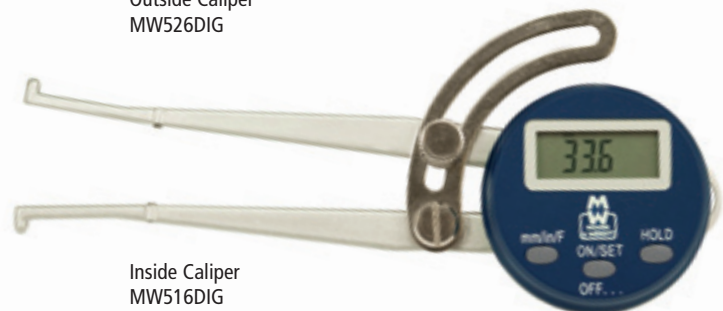
Digitronic Inside / Outside Calipers

Features

- Large LCD display
- Spring-loaded travel
- Alloy jaws, chrome finished
- Reading: inch/metric



Outside Caliper
MW526DIG



Inside Caliper
MW516DIG

DIGITRONIC INSIDE / OUTSIDE CALIPERS

Code No	Range	Resolution
MW516DIG	12.7mm-150mm / 0.5-6"	0.1mm / 0.005"
MW526DIG	0-150mm / 0-6"	0.1mm / 0.005"

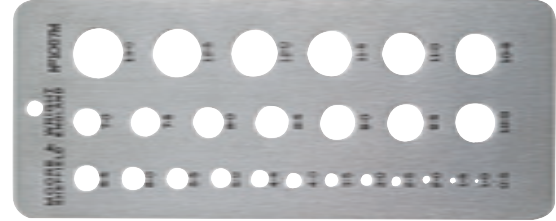
Drill & Standard Wire Gauges

Drill Gauges:

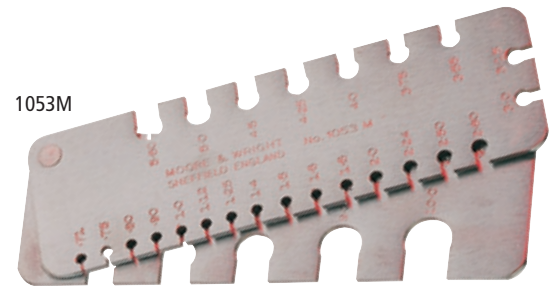
- Made from high grade tool steel, with a brushed finish
- Marked with nominal size of each hole

Standard Wire Gauges:

- Two part space saving design, with corner pivot
- Marked with nominal size of each slot
- Made from high grade tool steel, with a brushed finish



1067M



1053M

STANDARD WIRE GAUGE

Code No	No. of Slots	Range of Slot Size
MW1053M	40	0.2-10.0mm

DRILL GAUGE

Code No	No. of Holes	Range of Hole Sizes	Increments
MW1067M	26	0.5-13.0mm	0.5mm
MW1066M	96	0.5-10.0mm	0.1mm

Surface Gauge

Universal type:

- Designed for precise marking out operations
- Hardened and tempered steel base, ground on one end and bottom face
- Vee groove for locating on cylindrical workpieces
- Two retractable locating pins
- Radial grooves in the side facilitate comfortable handling
- One handed fine adjustment
- Supplied with two interchangeable pillars and one 4mm diameter scriber

Fixed type:

- Budget surface gauge designed for general purpose use
- Cast cylindrical base
- Fixed pillar
- Supplied with one 4mm diameter scriber

Note: Surface gauges can be used for mounting dial test indicators with either a 4mm or 6.35mm (1/4") mounting spigot.



MWE102B

MWE107-9

METRIC / IMPERIAL SURFACE GAUGE

Type	Base size	Pillar height	Scriber dia.	Code No
Universal	80 x 65mm 3 1/8 x 2 1/2"	225mm & 300mm 9" & 12"	4mm 5/32"	MWE101B
Universal	105 x 85mm 4 1/8 x 3 3/8"	300mm & 450mm 12" & 18"	4mm 5/32"	MWE102B
Fixed	68mm dia. 2 5/8" dia.	225mm 9"	4mm 5/32"	MWE107-9

Precision Range Feeler Gauge Sets

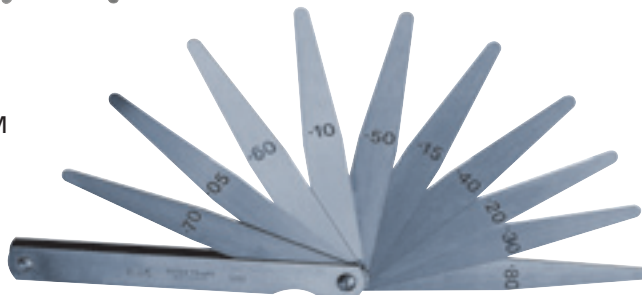
MW389M



MW387M



MW911M



Features

Precision Range:

Standard: DIN 2275

- All blades are hardened, tempered and polished
- Nominal thickness marked on each blade

Safe and Sure® Range:

- An economical range of feeler sets for general workshop use
- All blades are hardened, tempered and polished
- Nominal thickness marked on each blade

PRECISION RANGE

Code No	Length	No of Blades	Range	Width
MW387M	75mm	13	0.03-0.50mm	12.7mm
MW388M	100mm	13	0.03-0.50mm	12.7mm
MW389M	100mm	13	0.05-1.00mm	12.7mm
MW394M	150mm	13	0.05-1.00mm	12.7mm
MW398M	300mm	13	0.05-1.00mm	12.7mm
MW391M	75mm	11	0.05-0.80mm	12.7mm
MW393M	75mm	20	0.05-1.00mm	12.7mm
MW390M	100mm	20	0.05-1.00mm	12.7mm
MW395M	150mm	20	0.05-1.00mm	12.7mm
MW399M	300mm	20	0.05-1.00mm	12.7mm

SAFE AND SURE® RANGE – METRIC

Code No	Length	No of Blades	Range	Width
MW912M	75mm	10	0.05-0.80mm	12.7mm
MW911M	100mm	10	0.05-0.80mm	12.7mm
MW1106M	150mm	10	0.05-0.80mm	12.7mm
MW1112M	300mm	10	0.05-0.80mm	12.7mm

SAFE AND SURE® RANGE – INCH

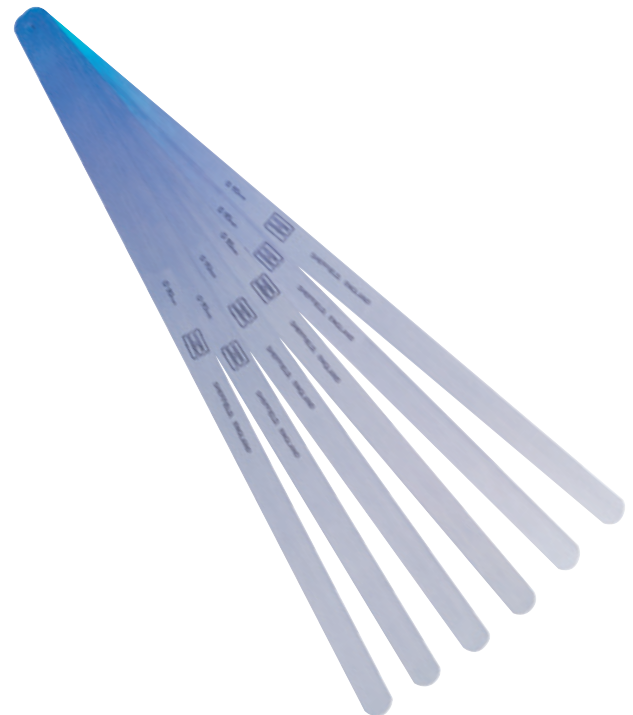
Code No	Length	No of Blades	Range	Width
MW912	3"	10	0.0015-0.025"	0.5"
MW911	4"	10	0.0015-0.025"	0.5"
MW1106	6"	10	0.0015-0.025"	0.5"
MW1112	12"	10	0.0015-0.025"	0.5"

Feeler Strip 126 Series

Features

Standard: DIN 2275

- Hardened, tempered and polished steel strip
- Nominal thickness marked on each strip
- Sold in packs of 10 only



FEELER STRIP

x 0.01 mm	Length	Width	Code No
3	300mm	12.7mm	MW126M003
4	300mm	12.7mm	MW126M004
5	300mm	12.7mm	MW126M005
6	300mm	12.7mm	MW126M006
7	300mm	12.7mm	MW126M007
8	300mm	12.7mm	MW126M008
9	300mm	12.7mm	MW126M009
10	300mm	12.7mm	MW126M010
15	300mm	12.7mm	MW126M015
20	300mm	12.7mm	MW126M020
25	300mm	12.7mm	MW126M025
30	300mm	12.7mm	MW126M030
35	300mm	12.7mm	MW126M035
40	300mm	12.7mm	MW126M040
45	300mm	12.7mm	MW126M045
50	300mm	12.7mm	MW126M050
55	300mm	12.7mm	MW126M055
60	300mm	12.7mm	MW126M060

Feeler Strip Sets

Features

Standard: DIN 2275

- 20 Piece feeler strip set in wallet
- Hardened, tempered and polished steel strip
- Nominal thickness marked on each strip



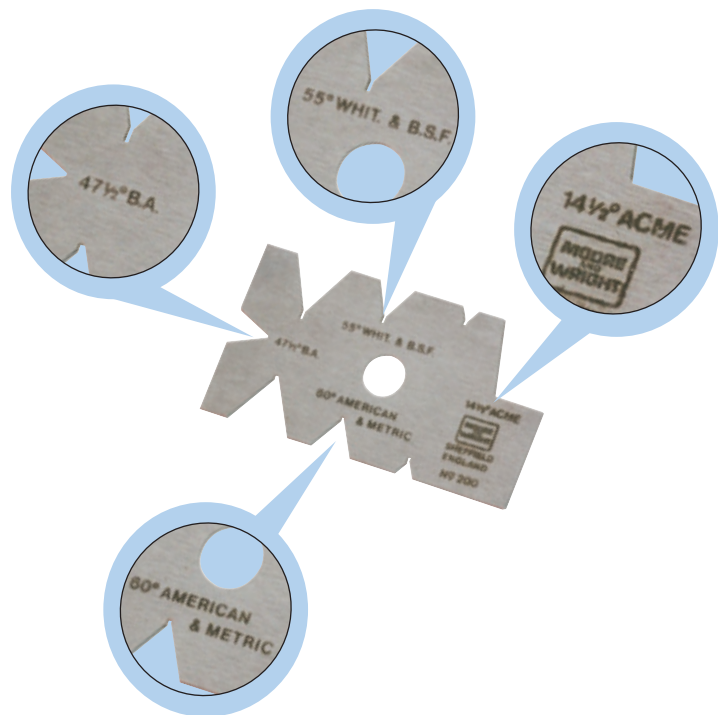
FEELER STRIP SETS

Code No	No of Blades	Range	Length	Width
MWFS20M	20	0.03-1.0mm	150mm	12.7mm

Screw Cutting Gauges 200

Features

- Traditional Engineers' screw cutting gauge
- Suitable for most standard metric and imperial thread forms
- Accurately milled angles for precise evaluation of thread form



SCREW CUTTING GAUGES

Code No	Angle	Thread Form
MW200	60°	SI, ISO, US Std.
	55°	Whitworth
	47.5°	British Association (BA)
	14.5°	ACME

Radius Gauges 206M & 204M

Features

- Accurately milled steel blades
- Designed to check both internal and external radii
- Marked with nominal size on each blade
- Mounted either on a ring or in a steel sleeve



RADIUS GAUGES

Code No	Range of Radii	Increments	No of Blades	Type
MW204M	0.75 - 5mm	0.25mm	18	Ring
MW206M	0.75 - 5mm	0.25mm	18	Sleeve
MW204MA	5.5 - 13mm	0.5mm	16	Ring
MW206MA	5.5 - 13mm	0.5mm	16	Sleeve

Screw Pitch Gauges 800 Series



Features

- Accurately milled steel blades
- Designed to check both internal and external thread forms
- Marked with nominal size on each blade
- All blades fixed in a steel sleeve
- Screw cutting gauge included

SCREW PITCH GAUGES

Code No	Screw Pitch	No of Blades	Threads per mm	Screw Cutting Gauge included
MW801	S.I. Metric	30	0.25, 0.3, 0.35, 0.4, 0.45, 0.5, 0.55, 0.6, 0.65, 0.7, 0.75, 0.8, 0.85, 0.9, 1.0, 1.1, 1.2, 1.25, 1.3, 1.4, 1.5, 1.6, 1.7, 1.75, 1.8, 1.9, 2.0, 2.5, 3.0	60 degrees
MW809	ISO Metric	22	0.35, 0.4, 0.45, 0.5, 0.6, 0.7, 0.75, 0.8, 1.0, 1.25, 1.5, 1.75, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0	60 degrees
MW804	S.I. Metric & Whitworth	49	Metric: 0.4, 0.5, 0.7, 0.75, 0.8, 0.9, 1.0, 1.25, 1.50, 1.75, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0 Imperial: 4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 19, 20, 22, 24, 25, 26, 28, 30, 32, 36, 40, 48, 60	60 degrees

Calipers

Caliper - Vernier Workshop	100 series	2
Caliper - Vernier Workshop	105 series	2
Caliper - Precision Miniature	110 series	3
Caliper - Vernier Precision.....	110 series	3
Caliper - Vernier Fine Adjustment	111 series	4
Caliper - Vernier Precision.....	115 series	4
Caliper - Vernier Large Workshop	150 series	5
Caliper - Vernier Solid Slider	152 series	5
Caliper - Vernier Workshop	160 series	6
Caliper - Vernier Long Jaw.....	155 series	6
Caliper - Dial	140 series	7
Caliper - Plastic Dial.....	CDP150M	7
Caliper - Dial	141 series	8
Caliper - Dial	142 series	8
Caliper - Digitronic Polycal	110-DPC series	9
Caliper - Digitronic Pocket.....	110-DPT series	9
Caliper - Digitronic Three Reading.....	110-DFC series	10
Caliper - Digitronic Value Line	110-DBL series	10
Caliper - Digitronic Absolute.....	110-DAS series	11
Caliper - Digitronic	110-DDL series	11
Caliper - Water Resistant IP67.....	110-DIP series	12
Caliper - Water Resistant IP54.....	110-WR series	12
Caliper - Digitronic External Grooves	120-DC series	13
Caliper - Digitronic Internal Grooves	125-DC series	13
Caliper - Digitronic Long Jaw	110-DLJ series	14
Caliper - Digitronic External Grooves	120-DB series	14
Caliper - Digitronic Large Workshop	150-DDL series	15
Caliper - Digitronic Nib Type Workshop	160 series	15

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Depth Gauge - Vernier.....	170 series	16
Depth Gauge - Digitronic.....	170 series	16
Depth Gauge - Mechanical.....	172 series	17
Depth Gauge - Digitronic.....	172 series	17
Depth Gauge - Mini	177 series	18
Depth Gauge - Digitronic Tyre Profile.....	176 series	18

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Height Gauge - Vernier	190 series	19
Height Gauge - Double Column	195 series	19
Height Gauge - Digitronic Mini.....	192 series	20
Height Gauge - Digitronic	190 series	20
Height Gauge - Digitronic.....	191 series	21
Height Gauge - Digitronic Double Column.....	195 series	21

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Micrometer - Outside.....	1961 series	22
Micrometer - Outside.....	1965 series	22
Micrometer - Outside Mechanical	1966 series	23
Micrometer - Ball Attachment	878 series	23
Micrometer - Outside Low Cost.....	200 series	24
Micrometer - Outside.....	200 series	24
Micrometer - Digitronic Value Line.....	200-DBL series	25
Micrometer - Digitronic Outside	201-DAB series.....	25
Micrometer - Outside Large.....	210 series	26
Micrometer - Digitronic Outside Large	210-DDL series	26

Micrometer - Boxed Sets Traditional	MEB series.....	27
Micrometer - Value Line Outside.....	215 series.....	27
Micrometer - Analogue Snap	290 series.....	28
Micrometer - Interchangeable Anvils	217 series.....	28
Micrometer - Outside Mechadigit Basic Digital	230-MDB series.....	29
Micrometer - Outside Blade	275 series.....	29
Micrometer - Outside Extra Large	220 series.....	30
Micrometer - Digitronic Outside Extra Large.....	220-DDL series.....	31
Micrometer - Tube	255 series.....	32
Micrometer - Digitronic Tube.....	255-DDL series.....	32
Micrometer - Point	270 series.....	33
Micrometer - Digitronic Point	270-DDL series.....	33
Micrometer - Inside Caliper Type	280 series.....	34
Micrometer - Digitronic Inside Caliper Type	280-DDL series.....	34
Micrometer - Inside Tubular	300 series.....	35
Micrometer - Traditional Internal	900 series.....	35
Micrometer - Traditional Depth Gauge	890 series.....	36
Micrometer - Digitronic Depth	305-DDL series.....	36
Micrometer - Extra Small Head	310 series.....	37
Micrometer - Small Head.....	310 series.....	37-38
Micrometer - Standard Head	310 series.....	39
Micrometer - Digitronic Standard Head	312 series.....	39
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Caliper - Digitronic Internal	432 series.....	42
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Bore Gauge - Sets	316 series.....	45
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Indicator - Dial	400 series.....	47
Indicator - Dial	401 series.....	48
Indicator - Digitronic	405 series.....	48
Indicator - Digitronic	410 series.....	49
Indicator - Digitronic	415 series.....	49

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Thickness Gauge - Lifting Type.....	455 series.....	50
Thickness Gauge - Digitronic Lifting Type	455-D series.....	50
Thickness Gauge - Snapcal	461 series.....	51
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Magnetic Indicator Stands

Magnetic Indicator Stand	470 series.....	52
Magnetic Indicator Stand	475 series.....	52
Snake Stand	496 series.....	53
Indicator Stand - Hydraulic Central Locking	485 series.....	53
Articulating Magnetic Base	477 series.....	54
Mini Magnetic Base	497 series.....	54
Magnetic Base Sets.....	475 series.....	55

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Engineers	200 series	56
Digitronic Engineers	200 series	57
Combination Set	520 series	58
Carpenters' Square	525 series	58
Traditional Precision	CSM300	59

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Bevel Protractor - Universal	500 series	60
Bevel Protractor - Indicator	510 series	61
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Feeler Strip Sets	MWFS20M	81
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105 series	Caliper - Vernier Workshop	2
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1067M	Drill Gauge	79
110 series	Caliper - Precision Miniature	3
110 series	Caliper - Vernier Precision	3
110-DAS series	Caliper - Digitronic Absolute	11
110-DBL series	Caliper - Digitronic Value Line	10
110-DDL series	Caliper - Digitronic	11
110-DFC series	Caliper - Digitronic Three Reading	10
110-DIP series	Caliper - Water Resistant IP67	12
110-DLJ series	Caliper - Digitronic Long Jaw	14
110-DPC series	Caliper - Digitronic Polycal	9
110-DPT series	Caliper - Digitronic Pocket	9
110-WR series	Caliper - Water Resistant IP54	12
111 series	Caliper - Vernier Fine Adjustment	4
115 series	Caliper - Vernier Precision	4
120-DB series	Caliper - Digitronic External Grooves	14
120-DC series	Caliper - Digitronic External Grooves	13
125-DC series	Caliper - Digitronic Internal Grooves	13
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141 series	Caliper - Dial	8
142 series	Caliper - Dial	8
150 series	Caliper - Vernier Large Workshop	5
150-DDL series	Caliper - Digitronic Large Workshop	15
152 series	Caliper - Vernier Solid Slider	5
155 series	Caliper - Vernier Long Jaw	6
160 series	Caliper - Vernier Workshop	6
160 series	Caliper - Digitronic Nib Type Workshop	15
170 series	Depth Gauge - Vernier	16
170 series	Depth Gauge - Digitronic	16
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172 series	Depth Gauge - Digitronic	17
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190 series	Height Gauge - Digitronic	20
191 series	Height Gauge - Digitronic	21
192 series	Height Gauge - Digitronic Mini	20
195 series	Height Gauge - Double Column	19
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201-DAB series	Micrometer - Digitronic Outside	25
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210 series	Micrometer - Outside Large	26
210-DDL series	Micrometer - Digitronic Outside Large	26
215 series	Micrometer - Value Line Outside	27

217 series	Micrometer - Interchangeable Anvils	28
220 series	Micrometer - Outside Extra Large	30
220-DDL series	Micrometer - Digitronic Outside Extra Large	31
230-MDB series	Micrometer - Outside Mechadigit Basic Digital	29
255 series	Micrometer - Tube	32
255-DDL series	Micrometer - Digitronic Tube	32
270 series	Micrometer - Point	33
270-DDL series	Micrometer - Digitronic Point	33
275 series	Micrometer - Outside Blade	29
279 series	Micrometer - Stands	40
280 series	Micrometer - Inside Caliper Type	34
280-DDL series	Micrometer - Digitronic Inside Caliper Type	34
290 series	Micrometer - Analogue Snap	28

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300 series	Micrometer - Inside Tubular	35
305-DDL series	Micrometer - Digitronic Depth	36
310 series	Micrometer - Extra Small Head	37
310 series	Micrometer - Small Head	37-38
310 series	Micrometer - Standard Head	39
310 series	Engineers Straight Edge	70
312 series	Micrometer - Digitronic Standard Head	39
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405 series	Indicator - Digitronic	48
410 series	Indicator - Digitronic	49
415 series	Indicator - Digitronic	49
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475 series	Magnetic Indicator Stand	52
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477 series	Articulating Magnetic Base	54
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497 series	Mini Magnetic Base	54
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500 series	Bevel Protractor - Universal	60
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