

MIDLAND METROLOGY LIMITED

Mechanical Micrometers

Mechanical Outside Micrometer

The external micrometer is highly accurate to a strictly minimal variance. For your confidence, it has undergone rigorous testing to guarantee consistent precision and quality. This micrometer is ideal for mechanical or engineering environments where precise dimension measurement is crucial. With anvils made of tungsten carbide, this micrometer is resistant to corrosion. The positive spindle lock holds the anvils in place to ensure an accurate recording of measurement.

It has an adjustment spanner for easily resetting back to zero and comes in a tailor-made case for storage and easy carrying. Micrometers such as these are commonly used for maintenance work or engineering applications. It can measure the outer dimensions of an object such as a metal pipe or and electrical component.



Accuracy conforms to DIN863 / BS870

Corrosion resistant Tungsten Carbide measuring face/anvils for exceptional durability.

Spindle Locking Lever

Satin Chromed Barrel and Sleeve

Setting Rods with Models above 25mm/1" in measuring range (varies by model)

Contact force ratchet

Supplied in a storage case with adjustment spanner

No batteries required.

Product	Specification	Availability
0-25mm/0-1" Mechanical Outside Micrometer	Graduation 0.01mm/0.0001"	✓
25-50mm/1-2" Mechanical Outside Micrometer	Graduation 0.01mm/0.0001"	✓
50-75mm/2-3" Mechanical Outside Micrometer	Graduation 0.01mm/0.0001"	✓
75-100mm/3-4" Mechanical Outside Micrometer	Graduation 0.01mm/0.0001"	✓
100-125mm/4-5" Mechanical Outside Micrometer	Graduation 0.01mm/0.0001"	✓
125-150mm/5-6" Mechanical Outside Micrometer	Graduation 0.01mm/0.0001"	✓
150-175mm/6-7" Mechanical Outside Micrometer	Graduation 0.01mm/0.0001"	✓
175-200mm/7-8" Mechanical Outside Micrometer	Graduation 0.01mm/0.0001"	✓
200-225mm/8-9" Mechanical Outside Micrometer	Graduation 0.01mm/0.0001"	✓
225-250mm/9-10" Mechanical Outside Micrometer	Graduation 0.01mm/0.0001"	✓
250-275mm/10-11" Mechanical Outside Micrometer	Graduation 0.01mm/0.0001"	✓
275-300mm/11-12" Mechanical Outside Micrometer	Graduation 0.01mm/0.0001"	✓

Mechanical Interchangeable Anvil Micrometers (Metric/Imperial)



Wide measuring range with interchangeable fixed anvils

High accuracy interchangeable anvils enable that the reading does not need to be reset when changing anvils

Accuracy conforms to DIN 863/BS870

Corrosion resistant Tungsten Carbide measuring face/anvils for exceptional durability

Spindle locking lever

Satin chromed barrel and sleeve

Setting rods with models above 25mm/1" measure range (vary by model)

Constant force ratchet

Housed in a fitted case with adjustment spanner

No batteries required.

Product	Specification	Availability
0-150mm Mechanical Interchangeable Anvil Micrometer	Graduation 0.01mm	✓
150-300mm Mechanical Interchangeable Anvil Micrometer	Graduation 0.01mm	✓
0-6" Mechanical Interchangeable Anvil Micrometer	Graduation 0.001in	✓
6-12" Mechanical Interchangeable Anvil Micrometer	Graduation 0.001in	✓

Mechanical Adjustable Anvil Micrometers (Metric/Imperial)



Pipe combined frame for light weight and high rigidity

Wide measuring range with adjustable anvils

High accuracy standard collars enable that reading does not have to be reset when changing collars

Standard collars: 25mm or 1", 50mm or 2"

Accuracy conforms to DIN863/BS870

Corrosion resistant Tungsten Carbide measuring face/anvils for exceptional durability

Spindle locking lever

Satin chromed barrel and sleeve

Setting Rods with models 25mm/1" in measuring range (varies by model)

Constant force ratchet

Housed in a fitted case with adjustment spanner. No Batteries Required

Product	Specification	Availability
300-400mm Mechanical Adjustable Anvil Micrometer	Graduation 0.01mm	✓
400-500mm Mechanical Adjustable Anvil Micrometer	Graduation 0.01mm	✓
500-600mm Mechanical Adjustable Anvil Micrometer	Graduation 0.01mm	✓
600-700mm Mechanical Adjustable Anvil Micrometer	Graduation 0.01mm	✓
700-800mm Mechanical Adjustable Anvil Micrometer	Graduation 0.01mm	✓
800-900mm Mechanical Adjustable Anvil Micrometer	Graduation 0.01mm	✓
900-1000mm Mechanical Adjustable Anvil Micrometer	Graduation 0.01mm	✓
12-16" Mechanical Adjustable Anvil Micrometer	Graduation 0.001"	✓
16-20" Mechanical Adjustable Anvil Micrometer	Graduation 0.001"	✓
20-24" Mechanical Adjustable Anvil Micrometer	Graduation 0.001"	✓

Mechanical Outside Micrometer Sets (Metric/Imperial)



Accuracy conforms to DIN863/BS870

Corrosion resistant Tungsten Carbide measuring face/anvils for exceptional durability

Spindle locking lever

Satin chromed barrel and sleeve

Setting rods with model above 25mm/1" measuring range (varies by model)

Constant force ratchet

Housed in a wooden box with adjustment spanner

No Batteries required

Product	Specification	Availability
0-75mm Mechanical Outside Micrometer Set	3 Micrometers	✓
0-150mm Mechanical Outside Micrometer Set	6 Micrometers	✓
0-3" Mechanical Outside Micrometer Set	3 Micrometers	✓
0-6" Mechanical Outside Micrometer Set	6 Micrometers	✓

Mechanical Disc Micrometers (Metric/Imperial)



Ideal for making root tangent measurement on spur gears and helical gears

Can measure gear teeth and paper thickness

20mm diameter carbide disc face

Disc rotates with spindle

Accuracy conforms to DIN863/BS870

Corrosion resistant tungsten carbide measuring face/anvils for exceptional durability

Satin chromed barrel and sleeve

Setting rods with models above 25mm/1" measuring range (varies by model)

Constant force ratchet

Housed in a fitted case with adjustment spanner

No Batteries required

Product	Specification	Availability
0-25mm Mechanical Disc Micrometer	Graduation 0.01mm	✓
25-50mm Mechanical Disc Micrometer	Graduation 0.01mm	✓
0-1" Mechanical Disc Micrometer	Graduation 0.0001"	✓
1-2" Mechanical Disc Micrometer	Graduation 0.0001"	✓

Mechanical Large Disc Micrometer (Metric/Imperial)



Ideal for making root tangent measurements on spur gears or helical gears

Can measure gear teeth and paper thickness

60mm diameter carbide disc face

Non rotating spindle

Accuracy conforms to DIN863/BS870

Corrosion resistant tungsten carbide measuring face/anvils for exceptional durability

Satin chromed barrel and sleeve

Setting rods with models above 25mm/1" measuring range (varies by model)

Disc rotated with spindle

Accuracy conforms to DIN863/BS870

Constant force ratchet

Housed in a fitted case with adjustment spanner

No batteries required.

Product	Specification	Availability
0-25mm Mechanical Large Disc Micrometer	Graduation 0.01mm	✓
25-50mm Mechanical Large Disc Micrometer	Graduation 0.01mm	✓
0-1" Mechanical Large Disc Micrometer	Graduation 0.0001"	✓
1-2" Mechanical Large Disc Micrometer	Graduation 0.0001"	✓

Mechanical Blade Micrometer (Metric/Imperial)



Suitable for groove measurements

Non-rotating spindle

Accuracy conforms to DIN 863/BS870

Corrosion resistant Tungsten Carbide measuring face/anvils for exceptional durability

Satin chromed barrel and sleeve

Setting rods with models above 25mm/1" measuring range (varies by model)

Constant force ratchet

Housed in a fitted case with adjustment spanner

No batteries required

Product	Specification	Availability
0-25mm Mechanical Blade Micrometer	Graduation 0.01mm Hardened Blades HRC64	✓
25-50mm Mechanical Blade Micrometer	Graduation 0.01mm Hardened Blades HRC64	✓
0-1" Mechanical Blade Micrometer	Graduation 0.0001" Hardened Blades HRC64	✓
1-2" Mechanical Blade Micrometer	Graduation 0.0001" Hardened Blades HRC64	✓

Mechanical Point Micrometers (Metric/Imperial)



Pointed spindle and anvil, suitable for measuring the web thickness of drill, small grooves, thread minor diameters and hard to reach dimensions

Accuracy conforms to DIN863/BS870

Corrosion resistant Tungsten Carbide measuring face/anvils for exceptional durability

Spindle locking lever

Satin chromed barrel and sleeve

Setting rods with models above 25mm/1" measuring range (varies by model)

Constant force ratchet

Housed in a fitted case with adjustment spanner

No batteries required

Product	Specification	Availability
0-25mm Mechanical Point Micrometer	Graduation 0.01mm 30° full angle point with radius of 0.3mm	✓
25-50mm Mechanical Point Micrometer	Graduation 0.01mm 30° full angle point with radius of 0.3mm	✓
0-1" Mechanical Point Micrometer	Graduation 0.0001" 30° full angle point with radius of 0.3mm	✓
1-2" Mechanical Point Micrometer	Graduation 0.0001" 30° full angle point with radius of 0.3mm	✓

Mechanical Interchangeable Anvil Point Micrometers (Metric/Imperial)



Wide measuring range with interchangeable fixed anvils

High accuracy interchangeable anvils enable that reading does not need to be reset when changing anvils

Pointed spindle and anvil, suitable for measuring root diameter of even number teeth gears and hard to reach dimensions

Accuracy conforms to DIN863/BS870

Corrosion resistant Tungsten Carbide measuring face/anvils for exceptional durability

Spindle locking lever

Satin chromed barrel and sleeve

Setting rods with models above 25mm/1" measuring range (varies by model)

Constant force ratchet

Housed in a fitted case with adjustment spanner

No batteries required.

Product	Specification	Availability
5-100mm Mechanical Interchangeable Anvil Point Micrometer	Graduation 0.01mm 30° full angle point with radius of 0.4mm	✓
0.2-4" Mechanical Interchangeable Anvil Point Micrometer	Graduation 0.01mm 30° full angle point with radius of 0.4mm	✓

Mechanical Tube Micrometer (Metric/Imperial)



Style A

Style C

Suitable for measuring wall thickness of various tubes

Accuracy conforms to DIN863/BS870

Corrosion resistant Tungsten Carbide measuring face/anvils for exceptional durability

Spindle locking lever

Satin chromed barrel and sleeve

Setting rods with models above 25mm/1" measurement range (varies by model)

Constant force ratchet

Housed in a fitted case with adjustment spanner

No batteries required

Product	Specification	Availability
0-25mm Mechanical Tube Micrometer Style A	Graduation 0.01mm Style A: Pin Anvil 1.8mm Dia. 8mm Long	✓
0-1" Mechanical Tube Micrometer Style A	Graduation 0.0001" Style A: Pin Anvil 1.8mm Dia. 8mm Long	✓
0-25mm Mechanical Tube Micrometer Style C	Graduation 0.01mm Style C: Spherical Anvil 4.8mm Dia. 8mm Long	✓
0-1" Mechanical Tube Micrometer Style C	Graduation 0.0001" Style C: Spherical Anvil 1.8mm Dia. 8mm Long	✓

Mechanical Deep Throat Micrometers (Metric/Imperial)



Suitable for gauging the thickness of sheet metal at a considerable distance from the edge.

Accuracy conforms to DIN863/BS870

Corrosion resistant Tungsten Carbide measuring face/anvils for exceptional durability

Spindle locking lever

Satin chromed barrel and sleeve

Setting rods with models above 25mm/1" measuring range (varies by model)

Constant force ratchet

Housed in a fitted case with adjustment spanner

No batteries required

Product	Specification	Availability
0-25mm Mechanical Deep Throat Micrometer	Graduation 0.01mm Throat Depth 150mm	✓
0-1" Mechanical Deep Throat Micrometer	Graduation 0.0001" Throat Depth 150mm	✓

Mechanical Three Point Internal Micrometer Set (Metric)



Accuracy conforms to DIN863/BS870

Corrosion resistant Tungsten Carbide measuring face/anvils for exceptional durability

Satin chromed body

Supplied with setting rings and extension rods

Constant force ratchet stop to ensure consistent measurement

Housed in a fitted case with adjustment spanner

No Batteries required.

Product	Specification	Availability
3-6mm Mechanical 3 Point Internal Micrometer Set	Heads: 3 (3-4, 4-5, 5-6mm) Setting Rings Dia. 4,5,6mm	✓
6-12mm Mechanical 3 Point Internal Micrometer Set	Heads 3 (6-8, 8-10, 10-12mm) Setting Rings Dia. 6,8,10mm	✓
12-20mm Mechanical 3 Point Internal Micrometer Set	Heads 2 (12-16,16-20mm) Setting Rings Dia. 16mm	✓
20-50mm Mechanical 3 Point Internal Micrometer Set	Heads 4 (20-25, 25-30, 30-40, 40-50mm) Setting Rings Dia. 25,40mm	✓
50-100mm Mechanical 3 Point Internal Micrometer Set	Heads 4 (50-63, 62-75, 75-88, 87-100mm) Setting Rings Dia. 62,87mm	✓

Mechanical Tubular Inside Micrometers (Metric/Imperial)



Contains a set of interchangeable extension tubes that can be used on their own or in combination with.

Covers a wide range of measurement

Includes a setting piece for initial calibration of the gauge

Accuracy conforms to DIN 863/BS 870

Corrosion resistant Tungsten Carbide measuring face/anvils for exceptional durability

Satin chromed body

Housed in a fitted case with adjustment spanner

No batteries required

Product	Specification	Availability
50-175mm Mechanical Tubular Inside Micrometer	Graduation 0.01mm	✓
50-250mm Mechanical Tubular Inside Micrometer	Graduation 0.01mm	✓
50-600mm Mechanical Tubular Inside micrometer	Graduation 0.01mm	✓
2-7" Mechanical Tubular Inside Micrometer	Graduation 0.001"	✓
2-10" Mechanical Tubular Inside Micrometer	Graduation 0.001"	✓
2-24" Mechanical Tubular Inside Micrometer	Graduation 0.001"	✓

Mechanical Micrometer Heads (Metric/Imperial)



Accuracy conforms to DIN 863/BS870

Corrosion resistant Tungsten Carbide measuring face/anvils for exceptional durability

Product	Specification	Availability
0-25mm Mechanical Micrometer Head	Graduation 0.01mm	✓
0-1" Mechanical Micrometer Head	Graduation 0.0001"	✓