

METROLOGY®

Point



Screw Thread



Blade



Groove



Mini



Gear Root Diameter



Tube



■ Outside Micrometer (Small Face)

For measuring grooves, feather grooves, splines and other difficult to reach measuring points.



Model No.	Measuring Range	Accuracy
OM-9071	0-25mm	4um
OM-9072	25-50mm	4um
OM-9073	50-75mm	5um
OM-9074	75-100mm	5um
OM-9075	100-125mm	6um
OM-9076	125-150mm	6um
OM-9077	150-175mm	7um
Tungsten steel measuring tip $\phi 2 * L5mm$		
OM-9078	0-25mm	4um
OM-9079	25-50mm	4um
OM-9080	50-75mm	5um
OM-9081	75-100mm	5um
OM-9082	100-125mm	6um
OM-9083	125-150mm	6um
OM-9084	150-175mm	7um
Tungsten steel measuring tip $\phi 3 * L10mm$		

■ Digital



Model No.	Measuring Range	Accuracy
EM-9071	0-25mm	$\pm 3um$
EM-9072	25-50mm	$\pm 3um$
EM-9073	50-75mm	$\pm 4um$
EM-9074	75-100mm	$\pm 4um$
EM-9075	100-125mm	$\pm 5um$
EM-9076	125-150mm	$\pm 5um$
EM-9077	150-175mm	$\pm 6um$
Tungsten steel measuring tip $\phi 2 * L5mm$		
EM-9078	0-25mm	$\pm 3um$
EM-9079	25-50mm	$\pm 3um$
EM-9080	50-75mm	$\pm 4um$
EM-9081	75-100mm	$\pm 4um$
EM-9082	100-125mm	$\pm 5um$
EM-9083	125-150mm	$\pm 5um$
EM-9084	150-175mm	$\pm 6um$
Tungsten steel measuring tip $\phi 3 * L10mm$		

Resolution: 0.001mm/ 0.00005"
IP 54 water/dust protection

■ Outside Micrometer (Point)

For measuring the web thickness of drills, tap, small grooves, and other hard-to-reach places.



Model No.	Measuring Range	Accuracy
OM-9085	0-25mm	4um
OM-9086	25-50mm	4um
OM-9087	50-75mm	5um
OM-9088	75-100mm	5um
Tungsten steel		Tip angle 30°/ R.0.3mm
OM-9089	0-25mm	4um
OM-9090	25-50mm	4um
OM-9091	50-75mm	5um
OM-9092	75-100mm	5um
Tungsten steel		Tip angle 15°/ R.0.3mm

Graduation : 0.01mm

■ Digital



Model No.	Measuring Range	Accuracy
EM-9085	0-25mm	±3um
EM-9086	25-50mm	±3um
EM-9087	50-75mm	±4um
EM-9088	75-100mm	±4um
Tungsten steel		Tip angle 30°/ R.0.3mm
EM-9089	0-25mm	±3um
EM-9090	25-50mm	±3um
EM-9091	50-75mm	±4um
EM-9092	75-100mm	±4um
Tungsten steel		Tip angle 15°/ R.0.3mm

Resolution: 0.001mm/ 0.00005"
IP 54 water/dust protection

■ Outside Micrometer (Disk)

Designed to easily measure root tangent length of spur gears and herical gears.



Model No.	Measuring Range	Accuracy
OM-9093	0-25mm	4um
OM-9094	25-50mm	4um
OM-9095	50-75mm	5um
OM-9096	75-100mm	5um
Steel disc ϕ 20mm (Non-rotating Spindle)		
OM-9097	100-125mm	6um
OM-9098	125-150mm	6um
OM-9099	150-175mm	7um
OM-9100	175-200mm	7um
Steel disc ϕ 30mm (Non-rotating Spindle)		

Graduation : 0.01mm

■ Digital

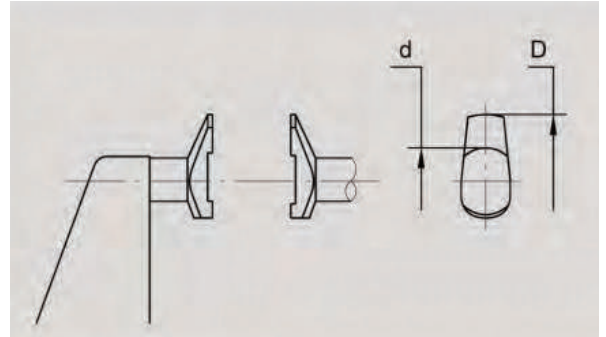


Model No.	Measuring Range	Accuracy
EM-9093	0-25mm	$\pm 3\mu\text{m}$
EM-9094	25-50mm	$\pm 3\mu\text{m}$
EM-9095	50-75mm	$\pm 4\mu\text{m}$
EM-9096	75-100mm	$\pm 4\mu\text{m}$
Steel disc ϕ 20mm (Non-rotating Spindle)		
EM-9097	100-125mm	$\pm 5\mu\text{m}$
EM-9098	125-150mm	$\pm 5\mu\text{m}$
EM-9099	150-175mm	$\pm 6\mu\text{m}$
EM-9100	175-200mm	$\pm 6\mu\text{m}$
Steel disc ϕ 30mm (Non-rotating Spindle)		

Resolution: 0.001mm/ 0.00005"
IP 54 water/dust protection

■ Outside Micrometer (Jaw)

For measuring outside edge shoulders dimensions of workpiece.



Graduation : 0.01mm

Model No.	Measuring Range	Accuracy	D	d
OM-9101	0-25mm	4um	R10	Φ8
OM-9102	25-50mm	4um	R10	Φ8
OM-9103	50-75mm	5um	R10	Φ8
OM-9104	75-100mm	5um	R10	Φ8
OM-9105	100-125mm	6um	R15	Φ12
OM-9106	125-150mm	6um	R15	Φ12
OM-9107	150-175mm	7um	R15	Φ12
OM-9108	175-200mm	7um	R15	Φ12

Tungsten carbide measuring anvil/non-rotating spindle

■ Digital



Resolution: 0.001mm/ 0.00005"
IP 54 water/dust protection

Model No.	Measuring Range	Accuracy	D	d
EM-9101	0-25mm	±3um	R10	Φ8
EM-9102	25-50mm	±3um	R10	Φ8
EM-9103	50-75mm	±4um	R10	Φ8
EM-9104	75-100mm	±4um	R10	Φ8
EM-9105	100-125mm	±5um	R15	Φ12
EM-9106	125-150mm	±5um	R15	Φ12
EM-9107	150-175mm	±6um	R15	Φ12
EM-9108	175-200mm	±6um	R15	Φ12

Tungsten carbide measuring anvil/non-rotating spindle

■ Outside Micrometer (Blade)

For measuring the groove diameter of shafts, keyways, and other hard-to-reach portions.



OM-9109

Model No.	Measuring Range	Accuracy
OM-9109	0-25mm	4um
OM-9110	25-50mm	4um
OM-9111	50-75mm	5um
OM-9112	75-100mm	5um
OM-9113	100-125mm	6um
OM-9114	125-150mm	6um
OM-9115	150-175mm	7um
Hardened steel T0.75*L6.5mm(Non-rotating Spindle)		
OM-9109S	0-25mm	4um
OM-9110S	25-50mm	4um
OM-9111S	50-75mm	5um
OM-9112S	75-100mm	5um
OM-9113S	100-125mm	6um
OM-9114S	125-150mm	6um
OM-9115S	150-175mm	7um
Hardened steel T0.4*L3.5mm (Non-rotating Spindle)		

Graduation : 0.01mm

■ Digital



EM-9019S

Model No.	Measuring Range	Accuracy
EM-9109	0-25mm	±3um
EM-9110	25-50mm	±3um
EM-9111	50-75mm	±4um
EM-9112	75-100mm	±4um
EM-9113	100-125mm	±5um
EM-9114	125-150mm	±5um
EM-9115	150-175mm	±6um
Hardened steel T0.75*L6.5mm (Non-rotating Spindle)		
EM-9109S	0-25mm	±3um
EM-9110S	25-50mm	±3um
EM-9111S	50-75mm	±4um
EM-9112S	75-100mm	±4um
EM-9113S	100-125mm	±5um
EM-9114S	125-150mm	±5um
EM-9115S	150-175mm	±6um
Hardened steel T0.4*L3.5mm (Non-rotating Spindle)		

Resolution: 0.001mm/ 0.00005"
IP 54 water/dust protection



■ Outside Micrometer (Universal)

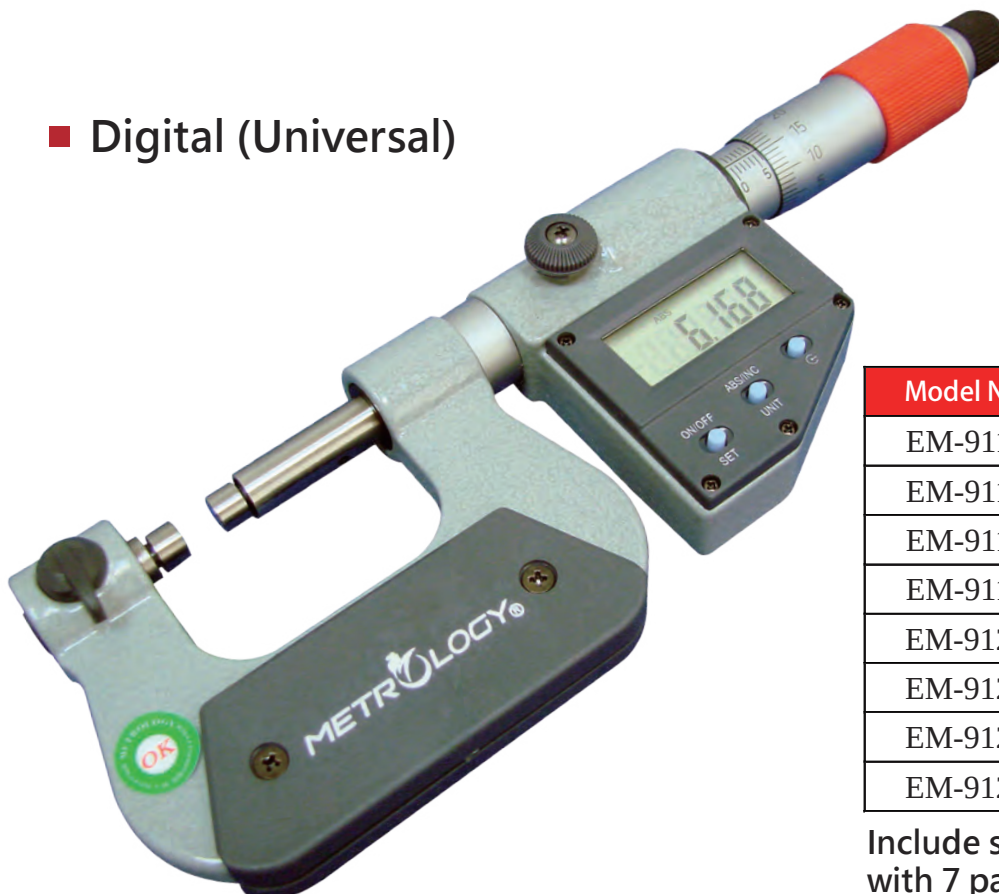
For measuring outside dimension and diameter of varies shapes of workpieces.



Model No.	Measuring Range	Accuracy
OM-9116	0-25mm	4um
OM-9117	25-50mm	4um
OM-9118	50-75mm	5um
OM-9119	75-100mm	5um
OM-9120	100-125mm	6um
OM-9121	125-150mm	6um
OM-9122	150-175mm	7um
OM-9123	175-200mm	7um

Include set AV-9008
with 7 pairs interchangeable measuring
anvils, non-rotating spindle.

■ Digital (Universal)



Resolution: 0.001mm/ 0.00005"
IP 54 water/dust protection

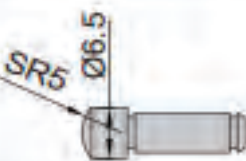
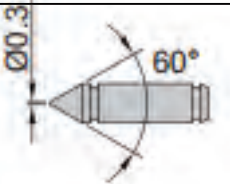
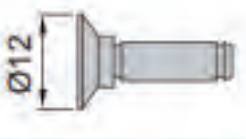
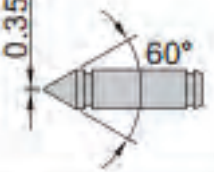
Model No.	Measuring Range	Accuracy
EM-9116	0-25mm	±3um
EM-9117	25-50mm	±3um
EM-9118	50-75mm	±4um
EM-9119	75-100mm	±4um
EM-9120	100-125mm	±5um
EM-9121	125-150mm	±5um
EM-9122	150-175mm	±6um
EM-9123	175-200mm	±6um

Include set AV-9008
with 7 pairs interchangeable measuring
anvils, non-rotating spindle.

■ Outside Micrometer (Universal)



Interchangeable Anvils

Model No.	Anvil	Remark
AV-9001	Flat	
AV-9002	Spherical	
AV-9003	Blade	
AV-9004	Point	
AV-9005	Spine	
AV-9006	Disk	
AV-9007	Knife-edge	
AV-9008	7 pairs/Set	Anvil dia.5mm, length 4.5mm Overall length 15mm

Remark: Anvils can be purchased individually.

■ Outside Micrometer (Tube)

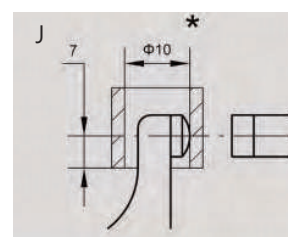
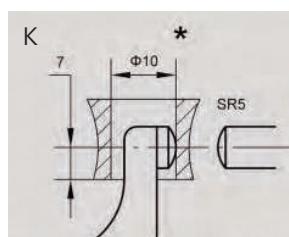
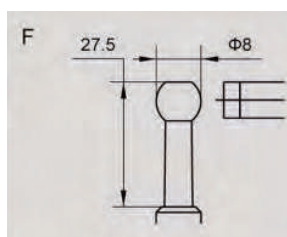
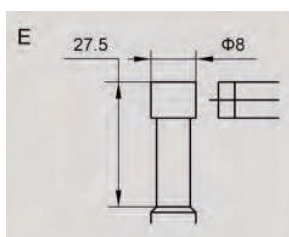
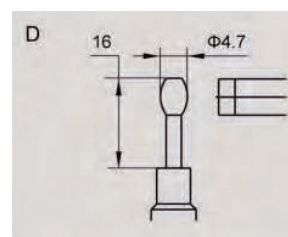
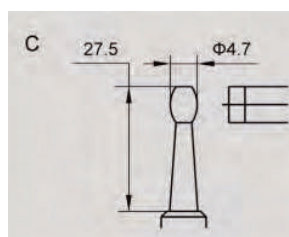
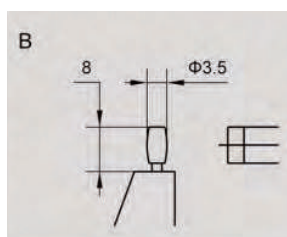
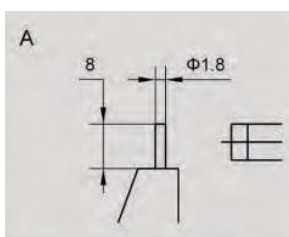
For measuring the tube wall thickness and other curved workpieces.



OM-9128

Model No.	Measuring Range	Accuracy	Anvil
OM-9124	0-25mm	4um	A
OM-9125	25-50mm	4um	A
OM-9126	0-25mm	4um	B
OM-9127	25-50mm	4um	B
OM-9128	0-25mm	4um	C
OM-9129	25-50mm	4um	C
OM-9130	0-25mm	4um	D
OM-9131	25-50mm	4um	D
OM-9132	0-25mm	4um	E
OM-9133	25-50mm	4um	E
OM-9134	0-25mm	4um	F
OM-9135	25-50mm	4um	F
OM-9136	0-25mm	4um	J
OM-9137	25-50mm	4um	J
OM-9138	0-25mm	4um	K
OM-9139	25-50mm	4um	K
OM-9140	50-75mm	5um	K
OM-9141	75-100mm	5um	K

Graduation : 0.01mm

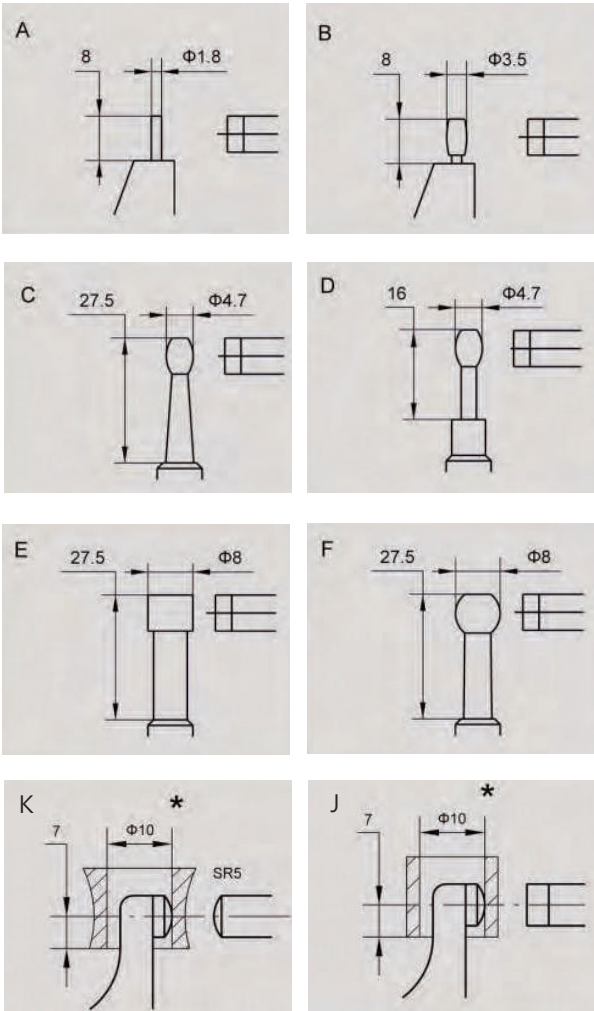


■ Outside Micrometer (Tube)

For measuring the tube wall thickness and other curved workpieces.



■ Digital
EM-9124



Model No.	Measuring Range	Accuracy	Anvil
EM-9124	0-25mm	±3um	A
EM-9125	25-50mm	±3um	A
EM-9126	0-25mm	±3um	B
EM-9127	25-50mm	±3um	B
EM-9128	0-25mm	±3um	C
EM-9129	25-50mm	±3um	C
EM-9130	0-25mm	±3um	D
EM-9131	25-50mm	±3um	D
EM-9132	0-25mm	±3um	E
EM-9133	25-50mm	±3um	E
EM-9134	0-25mm	±3um	F
EM-9135	25-50mm	±3um	F
EM-9136	0-25mm	±3um	J
EM-9137	25-50mm	±3um	J
EM-9138	0-25mm	±3um	K
EM-9139	25-50mm	±3um	K
EM-9140	50-75mm	±4um	K
EM-9141	75-100mm	±4um	K

Resolution: 0.001mm/ 0.00005"
IP 54 water/dust protection

■ Outside Micrometer (V-Anvil)

For measuring test pieces with an uneven number of grooves such as milling cutters, taps, drills and spline shafts as well as odd polygons.



Model No.	Measuring Range	Accuracy	Remark
OM-9142	1-15mm	4um	Tungsten steel 3Flute 60°
OM-9143	5-20mm	4um	
OM-9144	20-35mm	4um	
OM-9145	35-50mm	4um	
OM-9146	50-65mm	5um	
OM-9147	65-80mm	5um	
OM-9148	80-95mm	5um	Tungsten steel 5Flute 108°
OM-9149	2.3-25mm	4um	
OM-9150	25-50mm	4um	
OM-9151	5-25mm	4um	
OM-9152	25-45mm	4um	
OM-9153	45-65mm	5um	
OM-9154	65-85mm	5um	Tungsten steel 7Flute 128°34'17"
OM-9155	85-105mm	5um	
OM-9156	5-25mm	4um	
OM-9157	25-45mm	4um	
OM-9158	45-65mm	5um	
OM-9159	65-85mm	5um	

Graduation : 0.01mm

■ Digital



Model No.	Measuring Range	Accuracy	Remark
EM-9142	1-15mm	±3um	Tungsten steel 3Flute 60°
EM-9143	5-20mm	±3um	
EM-9144	20-35mm	±3um	
EM-9145	35-50mm	±3um	
EM-9146	50-65mm	±4um	
EM-9147	65-80mm	±4um	
EM-9148	80-95mm	±4um	Tungsten steel 5Flute 108°
EM-9149	2.3-25mm	±3um	
EM-9150	25-50mm	±3um	
EM-9151	5-25mm	±3um	
EM-9152	25-45mm	±3um	
EM-9153	45-65mm	±4um	
EM-9154	65-85mm	±4um	Tungsten steel 7Flute 128°34'17"
EM-9155	85-105mm	±4um	
EM-9156	5-25mm	±3um	
EM-9157	25-45mm	±3um	
EM-9158	45-65mm	±4um	
EM-9159	65-85mm	±4um	

Resolution: 0.001mm/ 0.00005"
IP 54 water/dust protection

■ Outside Micrometer (Screw Thread)
For measuring pitch diameter of screw thread.



Model No.	Measuring Range	Accuracy
OM-9160	0-25mm	4um
OM-9161	25-50mm	4um
OM-9162	50-75mm	5um
OM-9163	75-100mm	5um
OM-9164	100-125mm	6um
OM-9165	125-150mm	6um
OM-9166	150-175mm	7um
OM-9167	175-200mm	7um

non- rotating spindle
Graduation : 0.01mm

Optional interchangeable anvils (spe. see F26)

■ Digital

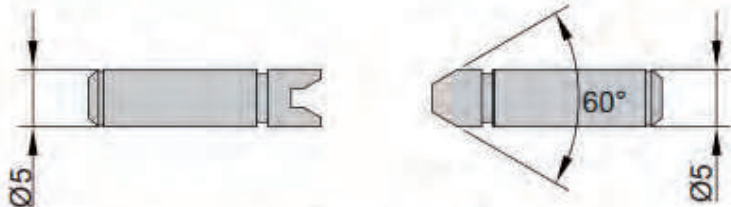


Model No.	Measuring Range	Accuracy
EM-9160	0-25mm	±3um
EM-9161	25-50mm	±3um
EM-9162	50-75mm	±4um
EM-9163	75-100mm	±4um
EM-9164	100-125mm	±5um
EM-9165	125-150mm	±5um
EM-9166	150-175mm	±6um
EM-9167	175-200mm	±6um

Optional interchangeable anvils (spe. see F26)

non- rotating spindle
Resolution: 0.001mm/ 0.00005"
IP 54 water/dust protection

■ Outside Micrometer (Optional Screw Thread Anvil)



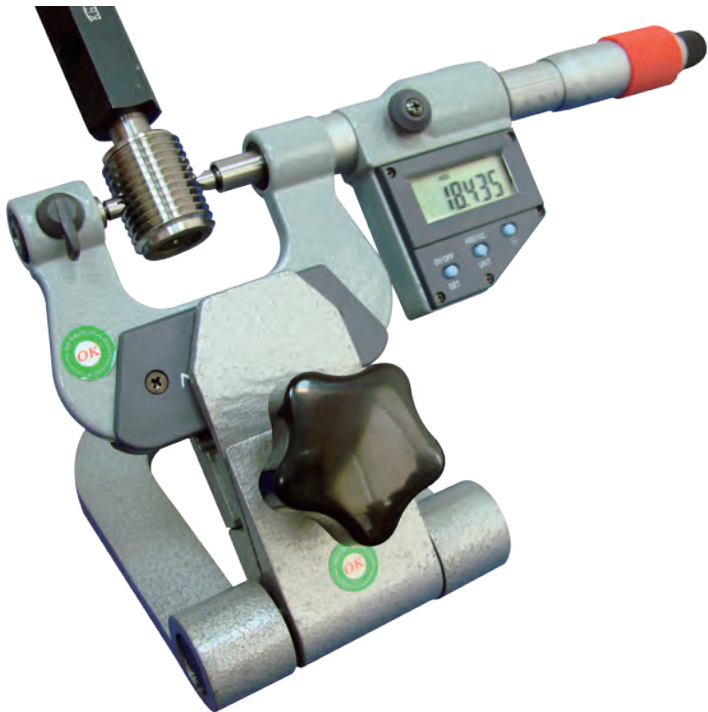
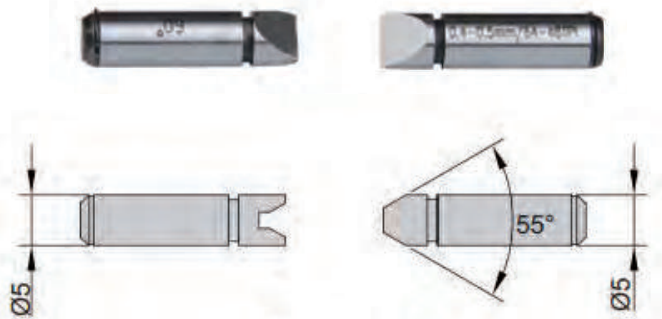
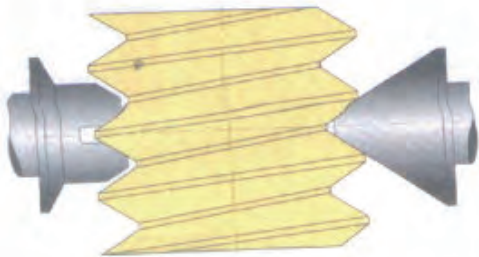
Model No.	Metric & Inch (60°)	Accuracy (Anvil)
AV-9009	0.4-0.5mm/64-48TPI	4um
AV-9010	0.6-0.9mm/44-28TPI	4um
AV-9011	1-1.75mm/24-14TPI	5um
AV-9012	2-3mm/13-9TPI	5um
AV-9013	3.5-5mm/8-5TPI	6um
AV-9014	5.5-7mm/4.5-3.5TPI	6um
AV-9015	0.4-7mm/64-3.5TPI (set)	

Anvils can be purchased individually

Measuring Range	Anvil Sets
0-25mm	AV9009-9013
25-50mm	AV9010-9014
50-75mm	AV9011-9014
75-100mm	AV9011-9014
100-200mm	AV9012-9014

Hardened steel
interchangeable anvil
(Optional)

Measuring Diagram



Model No.	Whitworth (55°)	Accuracy (Anvil)
AV-9016	60-48 TPI	4um
AV-9017	48-40 TPI	4um
AV-9018	40-32 TPI	5um
AV-9019	32-24 TPI	5um
AV-9020	24-18 TPI	5um
AV-9021	18-14 TPI	5um
AV-9022	14-10 TPI	5um
AV-9023	10-7 TPI	5um
AV-9024	7-4.5 TPI	6um
AV-9025	4.5-3.5 TPI	6um
AV-9026	60-3.5 TPI(set)	

Anvils can be purchased individually

■ Outside Micrometer (Gear Root Diameter)

For measuring root diameter of gears, small flutes, recesses, grooved wires, keyways and other hard-to-reach areas.



OM-9168

Model No.	Measuring Range	Accuracy	Anvil Radius
OM-9168	5-100mm	4um	R: 0.4mm
OM-9169	100-200mm	6um	R: 0.5mm
OM-9170	200-300mm	8um	R: 0.7mm
OM-9171	300-400mm	10um	
OM-9172	400-500mm	12um	
OM-9173	500-600mm	13um	
OM-9174	600-700mm	15um	
OM-9175	700-800mm	16um	
OM-9176	800-900mm	18um	

Graduation : 0.01mm
carbide measuring tips

■ Digital



EM-9168

Model No.	Measuring Range	Accuracy	Anvil Radius
EM-9168	5-100mm	±3um	R: 0.4mm
EM-9169	100-200mm	±4um	R: 0.5mm
EM-9170	200-300mm	±5um	R: 0.7mm
EM-9171	300-400mm	±5um	
EM-9172	400-500mm	±6um	
EM-9173	500-600mm	±6um	
EM-9174	600-700mm	±7um	
EM-9175	700-800mm	±7um	
EM-9176	800-900mm	±8um	

Resolution: 0.001mm/ 0.00005"
IP 54 water/dust protection
carbide measuring tips

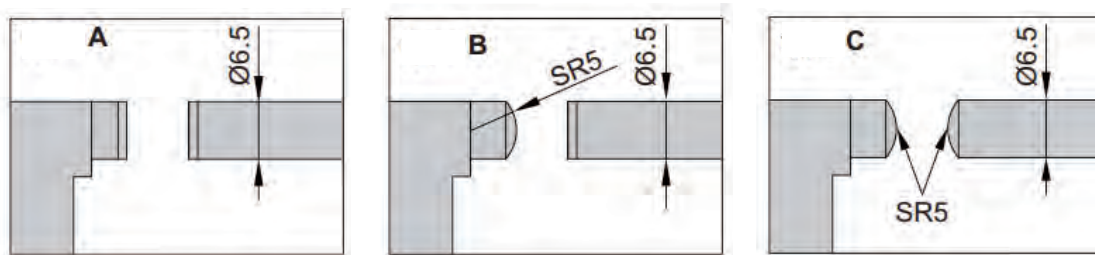
■ Outside Micrometer (Deep Throat)

For measuring thickness of sheet metal, paper, plastic, and rubber parts.



Model No.	Measuring Range	Accuracy	Deep Throat
OM-9178A	0-25mm	4um	50mm
OM-9179A	25-50mm	5um	50mm
OM-9180A	0-25mm	4um	100mm
OM-9181A	25-50mm	5um	100mm
OM-9182A	0-25mm	4um	150mm
OM-9183A	25-50mm	5um	150mm
OM-9184A	0-25mm	4um	300mm
OM-9185A	25-50mm	5um	300mm
OM-9178B	0-25mm	4um	50mm
OM-9179B	25-50mm	5um	50mm
OM-9180B	0-25mm	4um	100mm
OM-9181B	25-50mm	5um	100mm
OM-9182B	0-25mm	4um	150mm
OM-9183B	25-50mm	5um	150mm
OM-9184B	0-25mm	4um	300mm
OM-9185B	25-50mm	5um	300mm
OM-9178C	0-25mm	4um	50mm
OM-9179C	25-50mm	5um	50mm
OM-9180C	0-25mm	4um	100mm
OM-9181C	25-50mm	5um	100mm
OM-9182C	0-25mm	4um	150mm
OM-9183C	25-50mm	5um	150mm
OM-9184C	0-25mm	4um	300mm
OM-9185C	25-50mm	5um	300mm

Graduation : 0.01mm
carbide measuring faces



■ Outside Micrometer (Deep Throat)

For measuring thickness of sheet metal, paper, plastic, and rubber parts.

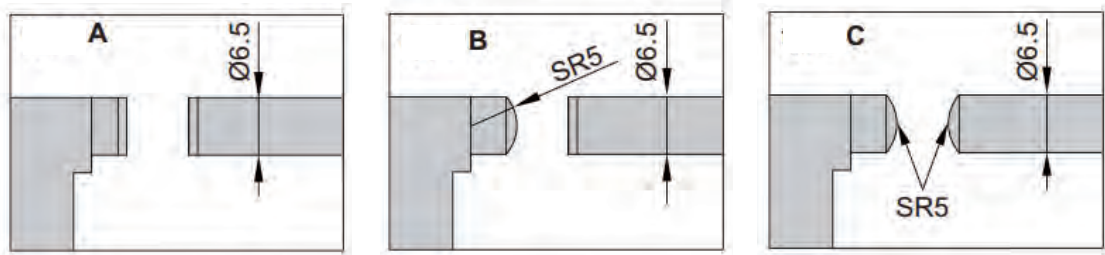
■ Digital



EM-9180A

型號	量測範圍(mm)	精度(um)	喉深(mm)
EM-9178A	0-25	±3	50
EM-9179A	25-50	±4	50
EM-9180A	0-25	±3	100
EM-9181A	25-50	±4	100
EM-9182A	0-25	±3	150
EM-9183A	25-50	±4	150
EM-9184A	0-25	±3	300
EM-9185A	25-50	±4	300
EM-9178B	0-25	±3	50
EM-9179B	25-50	±4	50
EM-9180B	0-25	±3	100
EM-9181B	25-50	±4	100
EM-9182B	0-25	±3	150
EM-9183B	25-50	±4	150
EM-9184B	0-25	±3	300
EM-9185B	25-50	±4	300
EM-9178C	0-25	±3	50
EM-9179C	25-50	±4	50
EM-9180C	0-25	±3	100
EM-9181C	25-50	±4	100
EM-9182C	0-25	±3	150
EM-9183C	25-50	±4	150
EM-9184C	0-25	±3	300
EM-9185C	25-50	±4	300

Resolution: 0.001mm/ 0.00005"
IP54 water/dust protection
carbide measuring faces



■ Outside Micrometer (Large Anvil)

For inspecting the width of milling cutters with staggered teeth.



Model No.	Measuring Range	Accuracy	Anvil
OM-9186	0-25mm	4um	L50*T14
OM-9187	25-50mm	4um	L60*T14

Graduation : 0.01mm

Hardened steel measuring big face,
measuring spindle with tungsten carbide face

■ Outside Micrometer (Outside Caliper)

For measuring outside edge shoulders dimensions of workpieces.



Model No.	Measuring Range	Accuracy
OM-9190	0-25mm	4um
OM-9191	25-50mm	4um
OM-9192	50-75mm	5um
OM-9193	75-100mm	5um

Graduation : 0.01mm

Radius tungsten carbide measuring anvil

■ Outside Micrometer (Multi-Use)

For measuring tube thickness, shoulder-edge distance, rivet head height, and etc.



Model No.	Measuring Range	Accuracy	Anvil (mm)
OM-9188	0-25mm	4um	Rod ϕ 3 Flat T 1.5
OM-9189	25-50mm	4um	Rod ϕ 5 Flat T 1.5

Graduation : 0.01mm
Interchangeable hardened steel anvil
Measuring spindle with carbide faces

■ Digital



Model No.	Measuring Range	Accuracy	Anvil (mm)
EM-9188	0-25mm	$\pm 3\mu\text{m}$	Rod ϕ 3 Flat T 1.5
EM-9189	25-50mm	$\pm 3\mu\text{m}$	Rod ϕ 5 Flat T 1.5

Resolution: 0.001mm/ 0.00005"
IP 54 water/dust protection

Interchangeable hardened steel anvil
Measuring spindle with carbide faces

■ Outside Micrometer (Gear)

For measuring over-pin diameter of gears



Model No.	Measuring Range	Accuracy
OM-9198	0-25mm	4um
OM-9199	25-50mm	4um
OM-9200	50-75mm	5um
OM-9201	75-100mm	5um
OM-9202	100-125mm	6um
OM-9203	125-150mm	6um
OM-9204	150-175mm	7um

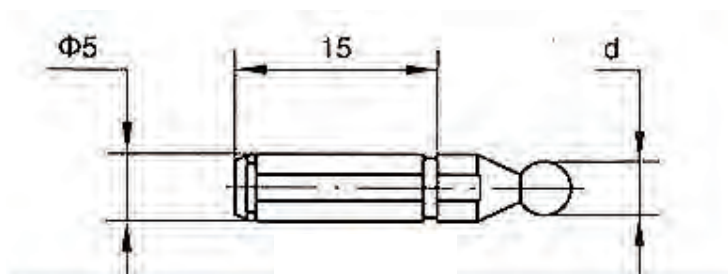
Graduation : 0.01mm

■ Digital



Model No.	Measuring Range	Accuracy
EM-9198	0-25mm	±3um
EM-9199	25-50mm	±3um
EM-9200	50-75mm	±4um
EM-9201	75-100mm	±4um
EM-9202	100-125mm	±5um
EM-9203	125-150mm	±5um
EM-9204	150-175mm	±6um

Resolution: 0.001mm/ 0.00005"
IP 54 water/dust protection



precision steel-ball-tipped(optional)

Model No.	Ball Diameter	Module/ Pitch Dia
AV-9027	Φ1.0mm	0.6-0.65 / 45
AV-9028	Φ1.5mm	0.9-1.0 / 28-26
AV-9029	Φ2.0mm	1.25 / 22
AV-9030	Φ2.5mm	1.5 / 17
AV-9031	Φ3.0mm	1.75 / 15
AV-9032	Φ3.5mm	2 / 13
AV-9033	Φ4.0mm	2.25 / 11
AV-9034	Φ4.5mm	2.5 / 10
AV-9035	Φ5.0mm	2.75 / 9
AV-9036	Φ6.0mm	3.5 / 7
AV-9037	Set	

Purchase separately

■ Outside Micrometer (Disc Brake)

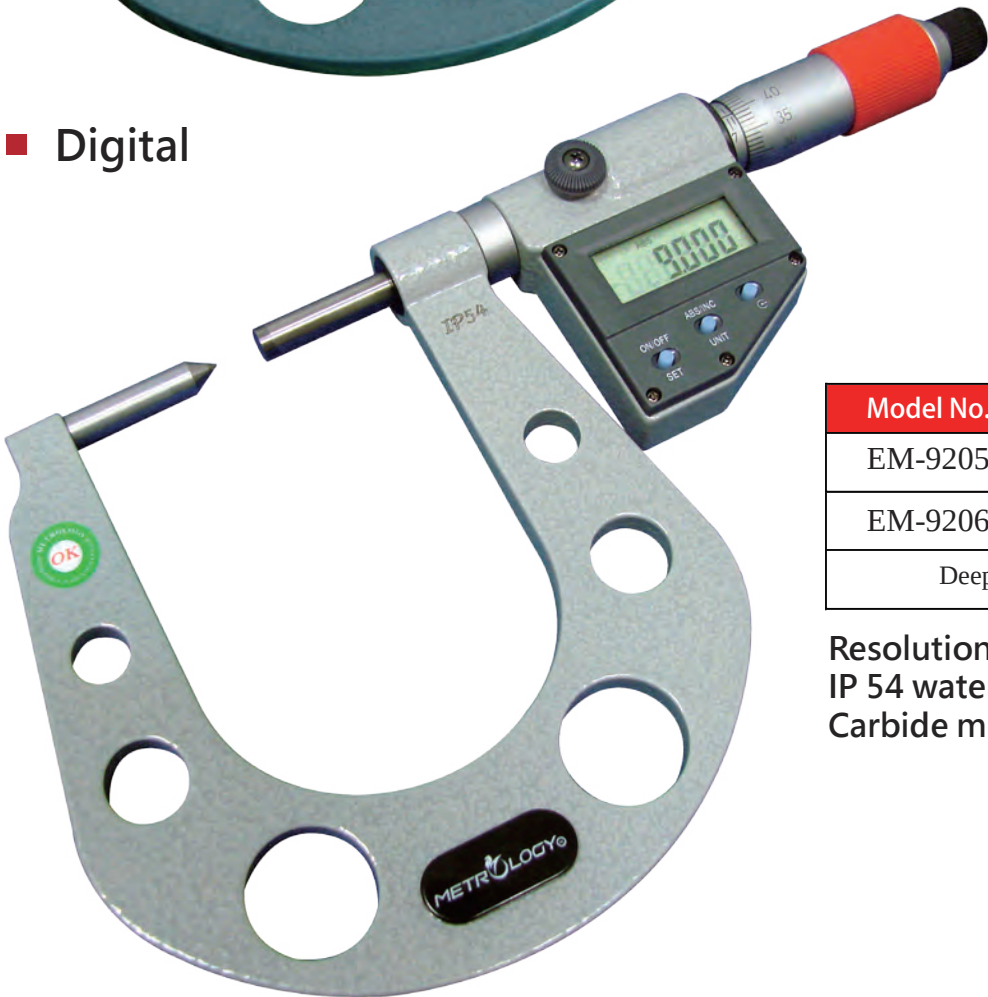
For measuring thickness of disc brakes and irregular plates.



Model No.	Measuring Range	Accuracy
OM-9205	7.6-33mm	4um
OM-9206	25-50mm	4um
Tungsten steel Deep Throat: 88mm Tip angle: 30 ⁰		

Graduation : 0.01mm

■ Digital



Model No.	Measuring Range	Accuracy
EM-9205	7.6-33mm	±4um
EM-9206	25-50mm	±4um
Deep Throat: 88mm Tip angle: 30 ⁰		

Resolution: 0.001mm/ 0.00005"
IP 54 water/dust protection
Carbide measuring faces

■ Outside Micrometer (Single Point)

For measuring the height of crimp contacts, thickness of drills, groove, and various hard to reach part.



Model No.	Measuring Range	Accuracy
OM-9207B	0-25mm	4um
OM-9208B	25-50mm	4um
OM-9209B	50-75mm	5um
OM-9210B	75-100mm	5um
OM-9207C	0-25mm	4um
OM-9207E	0-25mm	4um

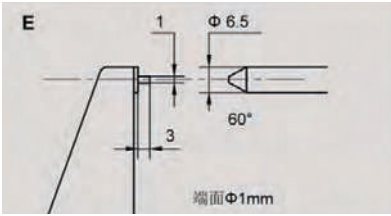
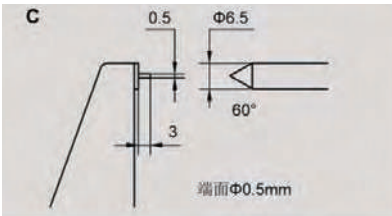
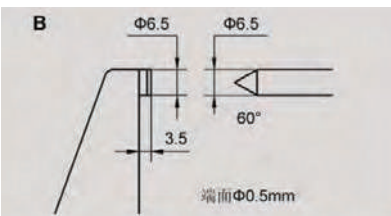
Graduation : 0.01mm
Carbide measuring faces

■ Digital



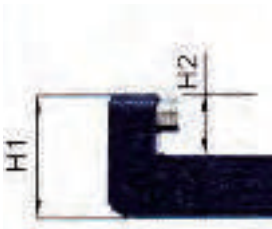
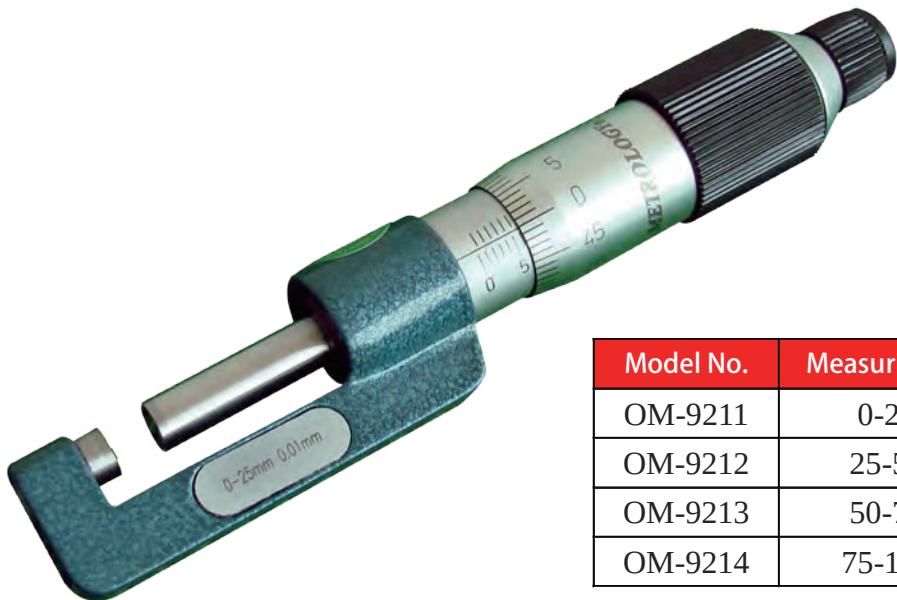
Model No.	Measuring Range	Accuracy
EM-9207B	0-25mm	±3um
EM-9208B	25-50mm	±3um
EM-9209B	50-75mm	±4um
EM-9210B	75-100mm	±4um
EM-9207C	0-25mm	±3um
EM-9207E	0-25mm	±3um

Resolution: 0.001mm/ 0.00005"
IP 54 water/dust protection
Carbide measuring faces



■ Outside Micrometer (Hub)

For measuring hub thickness, shoulders inside a bore, and outside diameter of cylindrical workpieces.



Model No.	Measuring Range	Accuracy	H1(mm)	H2(mm)
OM-9211	0-25mm	4um	18.7	10.2
OM-9212	25-50mm	4um	21.2	
OM-9213	50-75mm	5um	21.2	
OM-9214	75-100mm	5um	21.2	

Graduation : 0.01mm

■ Outside Micrometer (Mini)

For measuring small dimensions.



Φ20mm



Model No.	Measuring Range	Accuracy
OM-9215	0-15mm	4um

Graduation : 0.01mm

■ Outside Micrometer (Limit)

Dual set of measuring spindles and anvils for GO/NG inspection within tolerance limits.



Model No.	Measuring Range	Accuracy
OM-9216	0-25mm	4um
OM-9217	25-50mm	4um

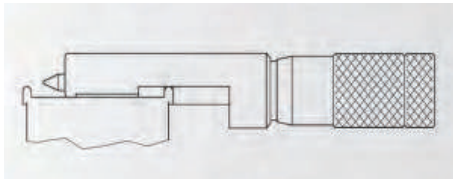
Graduation: 0.002mm
Carbide measuring faces

■ Outside Micrometer (Can Seam)

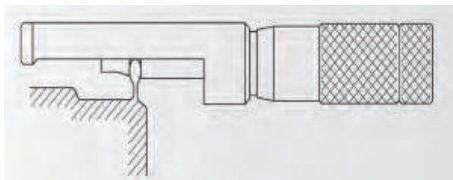
For measuring the width, height, and depth of can seams.



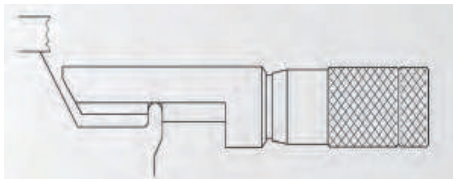
OM-9222



OM-9223



OM-9224



Graduation : 0.01mm

Model No.	Measuring Range	Accuracy	Remark
OM-9222	0-13mm	4um	Steel Can
OM-9223		4um	Aluminum Can
OM-9224		4um	Sprayer Can

■ Outside Micrometer (Wire)

For measuring diameter of wires, spherical diameter, and outside dimension of small cylindrical parts.



Model No.	Measuring Range	Accuracy
OM-9225	0-10mm	4um

Graduation: 0.01mm
Carbide measuring faces

■ Outside Micrometer (Large Disc)

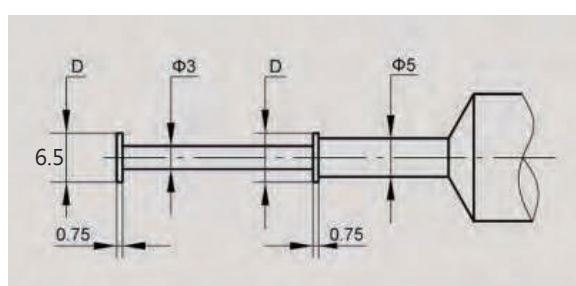
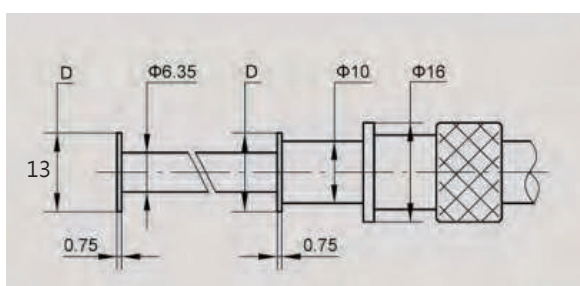
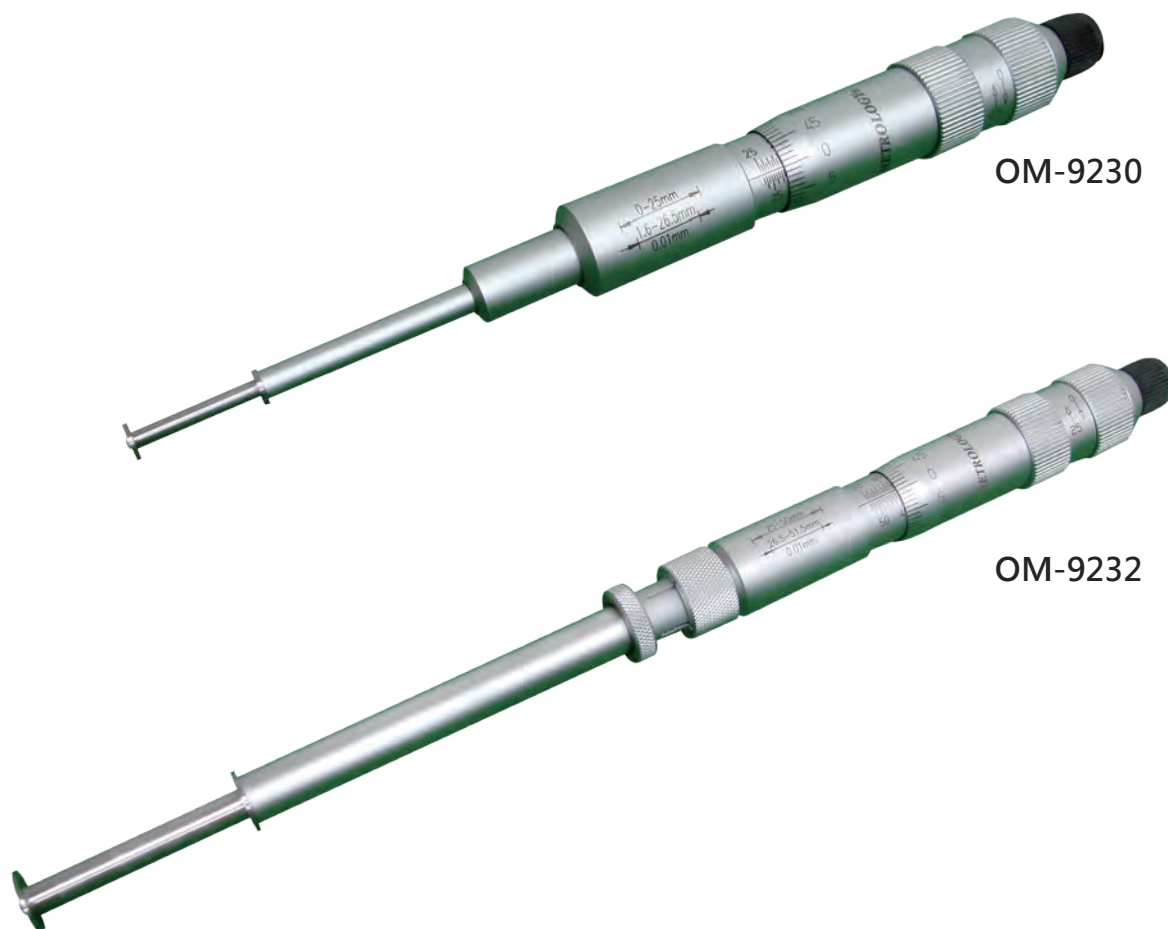


Model No.	Measuring Range	Accuracy
OM-9226	0-25mm	4um
OM-9227	25-50mm	4um
OM-9228	50-75mm	5um
OM-9229	75-100mm	5um
Hardened steel ϕ 60mm (Non-rotating Spindle)		

Graduation : 0.01mm

■ Outside Micrometer (Groove)

For measuring width, depth, and location of grooves inside/outside bores, and tubes. Hardened steel measuring disc anvil with non-rotating spindle and two directional ratchet stop.



Model No.	Outside	Inside	Accuracy	Disc Diameter
OM-9230	0-25mm	1.6-26.5mm	5um	D: ϕ 6.5mm
OM-9231	0-25mm	1.6-26.5mm	5um	D: ϕ 13mm
OM-9232	25-50mm	26.5-51.5mm	6um	
OM-9233	50-75mm	51.5-76.5mm	6um	
OM-9234	75-100mm	76.5-101.5mm	7um	

Graduation : 0.01mm