



ASIMETO

CATALOG NO. AS1617



Gear Tooth Micrometers

118 Series



118-31-9



S-wrench



Battery



Standard



118-71-9

STANDARD ACCESSORIES

- S-wrench, Battery (Digital models), Anvils 10 pairs (Set), Standard (over 1"/25mm range)
- Warranty card, Instruction manual, Calibration certificate
- Inch/Metric conversion
- Upon switching on the display will read the actual absolute measuring position
- Automatic On/Off to maximize battery life
- Absolute or incremental measuring modes
- Protection level IP65

FEATURES

- Resolution:
 - Digital reading: .00005" / 0.001mm
 - Scale on digital models: .0001" / 0.01mm
 - Scale on mechanical models: .001" / 0.01mm
- Ratchet stop
- Grey painted steel frame

- Measures over-pin diameter of gears with precision steel (carbide) ball-tipped measuring faces
- Interchangeable ball anvil-spindle tips for various gear modules (0.6-3.5) are optional
- Set includes 10 pairs Interchangeable anvils

SPECIFICATIONS

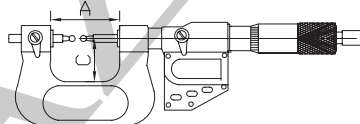
Digital models

Inch		Metric		Inch		Metric	
Range	Accuracy	Range	Accuracy	Code No.	Set Code No.	Code No.	Set Code No.
0-1"	±.0001"	0-25mm	±0.004mm	118-31-1	118-31-9	118-31-0	118-31-8
1-2"	±.0002"	25-50mm	±0.004mm	118-32-1	118-32-9	118-32-0	118-32-8
2-3"	±.0002"	50-75mm	±0.005mm	118-33-1	118-33-9	118-33-0	118-33-8
3-4"	±.0002"	75-100mm	±0.005mm	118-34-1	118-34-9	118-34-0	118-34-8
4-5"	±.0002"	100-125mm	±0.006mm	118-35-1	118-35-9	118-35-0	118-35-8
5-6"	±.0002"	125-150mm	±0.006mm	118-36-1	118-36-9	118-36-0	118-36-8
6-7"	±.0002"	150-175mm	±0.007mm	118-37-1	118-37-9	118-37-0	118-37-8

Mechanical models

Inch		Metric		Inch		Metric	
Range	Accuracy	Range	Accuracy	Code No.	Set Code No.	Code No.	Set Code No.
0-1"	±.0001"	0-25mm	±0.004mm	118-71-1	118-71-9	118-71-0	118-71-8
1-2"	±.0002"	25-50mm	±0.004mm	118-72-1	118-72-9	118-72-0	118-72-8
2-3"	±.0002"	50-75mm	±0.005mm	118-73-1	118-73-9	118-73-0	118-73-8
3-4"	±.0002"	75-100mm	±0.005mm	118-74-1	118-74-9	118-74-0	118-74-8
4-5"	±.0002"	100-125mm	±0.006mm	118-75-1	118-75-9	118-75-0	118-75-8
5-6"	±.0002"	125-150mm	±0.006mm	118-76-1	118-76-9	118-76-0	118-76-8
6-7"	±.0002"	150-175mm	±0.007mm	118-77-1	118-77-9	118-77-0	118-77-8

Dimension



Range	Range	A	C
Inch	Metric	mm	mm
0-1"	0-25mm	67	38
1-2"	25-50mm	92.4	50
2-3"	50-75mm	117.6	62
3-4"	75-100mm	143	70
4-5"	100-125mm	168.2	82
5-6"	125-150mm	192	94.5
6-7"	150-175mm	217	107

Anvils

Ball dia.	Module	Diametral pitch	Code No.
Ø1mm-Ø6.0mm	0.6-3.5	45-7	119-80-0
Ø1mm	0.6-0.65	45	119-81-0
Ø1.5mm	0.9-1.0	28-26	119-82-0
Ø2.0mm	1.25	22	119-83-0
Ø2.5mm	1.5	17	119-84-0
Ø3.0mm	1.75	15	119-85-0
Ø3.5mm	2	13	119-86-0
Ø4.0mm	2.25	11	119-87-0
Ø4.5mm	2.5	10	119-88-0
Ø5.0mm	2.75	9	119-89-0
Ø6.0mm	3.5	7	119-90-0