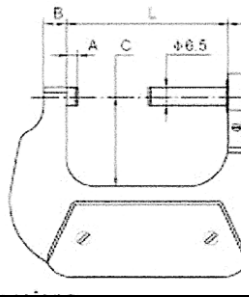
Data Sheet: LDS 1216 Date: 18-11-2010

Mechanical Digit Fine Reading Micrometers

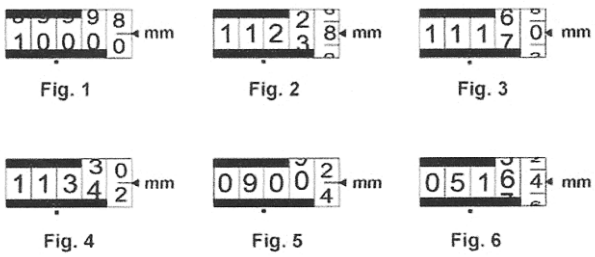
Resolution: Metric 0.001mm
Models above 25mm / 1” supplied with setting rod
Tungsten carbide measuring faces
Spindle locking lever
Ratchet barrel
Blue baked enamel hammer tone finish
Supplied in fitted case with adjustment tools

Packed Weight and Dimensions

Code	Range mm	Weight g	W mm	H mm	L mm
50-115-725	0-25	489	105	45	193
50-115-750	25-50	518	115	45	223
50-115-775	50-75	664	140	45	253



Code	Range mm	A mm	B mm	C mm	L mm	Accuracy mm
50-115-725	0-25	3.5	6	26	32	0.004
50-115-750	25-50	3.5	8	32	57	0.004
50-115-775	50-75	3.5	8	44.5	82	0.005



Reading examples:

Fig. 1 9.999
Fig. 2 11.228
Fig. 3 11.170
Fig. 4 11.341
Fig. 5 9.003
Fig. 6 5.164

Instructions and Care

Check all new and in use micrometers for correct zero setting prior to use
Clean micrometer spindle and measuring anvils with soft cloth or paper to remove any oil or particles which may affect the measurements
Ensure that the micrometer is thermally stabilised with the temperature where it is to be used
Ensure that the spindle lock is off
For 0-25mm and 0-1” micrometers: Advance the spindle towards the fixed anvil. Use the ratchet stop to finally close the 2 anvils together. Rotate the ratchet stop 1 ½ to 2 revolutions to exert a constant measuring force
For larger micrometers a setting standard should be placed between the anvils and the ratchet stop should be used as above to obtain the zero position
The micrometer is now set and ready for use
Clean micrometers and check zero position regularly during use to ensure their continued accuracy
After use always clean and replace the micrometer in its box