

Sheet Metal Micrometers

Series 118

This Sheet Metal Micrometer is designed with a deep frame for measuring the thickness of sheet material.



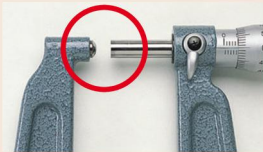
118-102

Specifications

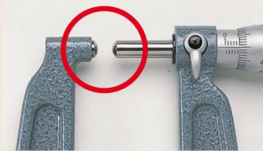
Measuring face	Carbide-tipped, micro-lap finish
Measuring spindle	With spindle lock, throat depth up to 150 mm : ϕ 6.35 mm throat depth up to 300 mm : ϕ 8 mm, spindle pitch 0.5 mm
Delivered	Including box, key, setting standard (from 25 mm upward)



Type A
Flat-Flat



Type B
Spherical-Flat



Type C
Spherical-Spherical

Metric

No.	Range [mm]	Flatness	Parallelism	Maximum Permissible Error J MPE	Graduation	Anvil / Spindle	Measuring force [N]
118-101	0 - 25	0,6 μ m	3 μ m	$\pm$ 4 μ m	0,01 mm	Type A, flat/flat	3-8
118-102	0 - 25	0,6 μ m	3 μ m	$\pm$ 4 μ m	0,01 mm	Type A, flat/flat	3-8
118-103	0 - 25	1 μ m	3 μ m	$\pm$ 5 μ m	0,01 mm	Type A, flat/flat	10-14
118-110	25 - 50	0,6 μ m	3 μ m	$\pm$ 4 μ m	0,01 mm	Type A, flat/flat	3-8
118-114	0 - 25	0,6 μ m	3 μ m	$\pm$ 4 μ m	0,01 mm	Type B, spherical/flat	3-8
118-118	0 - 25	0,6 μ m	3 μ m	$\pm$ 4 μ m	0,01 mm	Type C, spherical/spherical	3-8
118-126	25 - 50	0,6 μ m	3 μ m	$\pm$ 4 μ m	0,01 mm	Type C, spherical/spherical	3-8

No.	Mass [g]	L [mm]	a [mm]	b [mm]	c [mm]	d [mm]	e [mm]	f [mm]	g [mm]
118-101	445	30,3	110	27,5	2,5	18	6,35	14,5	34
118-102	740	30,3	160	27,5	2,5	18	6,35	14,5	43
118-103	2650	38,5	330	35	3,5	21	8	28	84
118-110	820	55,3	165	27,5	2,5	18	6,35	14,5	41
118-114	740	30,3	160	27,5	2,5	18	6,35	14,5	43
118-118	740	30,3	160	27,5	2,5	18	6,35	14,5	43
118-126	820	55,3	165	27,5	2,5	18	6,35	14,5	41

