

Point Micrometers

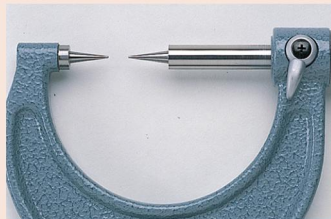
Series 112

This Point Micrometer features a pointed anvil and spindle, and offers the following benefits:

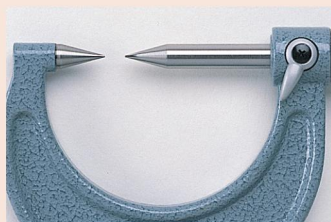
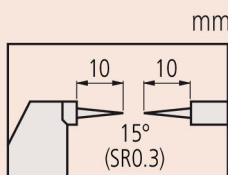
- Its pointed anvil and spindle has a choice of included angle, ending in small-radius contact points.
- You can use it to measure grooves, steps and similar.

Specifications

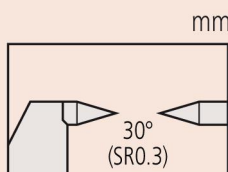
Measuring face	Carbide pointed or hardened steel spindle and anvil, measuring point radius 0,3 mm
Measuring spindle	With spindle lock, ϕ 6,35 mm, spindle pitch 0,5 mm
Measuring force	3-8 N
Delivered	Including box, setting standard (from 25 mm upward), key



Type angle : 15°



Type angle : 30°



112-201

Metric

Carbide tip

No.	Range [mm]	Maximum Permissible Error J MPE	Graduation	Anvil / Spindle	Mass [g]	L [mm]	a [mm]	b [mm]	c [mm]
112-165	0 - 25	$\pm 3 \mu\text{m}$	0,01 mm	15°	205	55,3	12,8	10	38
112-213	0 - 25	$\pm 3 \mu\text{m}$	0,01 mm	30°	205	55,3	12,8	10	38
112-166	25 - 50	$\pm 3 \mu\text{m}$	0,01 mm	15°	305	80,3	12,8	12	49
112-214	25 - 50	$\pm 3 \mu\text{m}$	0,01 mm	30°	305	80,3	12,8	12	49
112-167	50 - 75	$\pm 3 \mu\text{m}$	0,01 mm	15°	370	105,3	12,8	14	60
112-215	50 - 75	$\pm 3 \mu\text{m}$	0,01 mm	30°	370	105,3	12,8	14	60
112-168	75 - 100	$\pm 4 \mu\text{m}$	0,01 mm	15°	500	132,8	15,3	17	79
112-216	75 - 100	$\pm 4 \mu\text{m}$	0,01 mm	30°	500	132,8	15,3	17	79

Metric

Hardened steel tip

No.	Range [mm]	Maximum Permissible Error J MPE	Graduation	Anvil / Spindle	Mass [g]	L [mm]	a [mm]	b [mm]	c [mm]
112-153	0 - 25	$\pm 3 \mu\text{m}$	0,01 mm	15°	205	55,3	12,8	10	38
112-201	0 - 25	$\pm 3 \mu\text{m}$	0,01 mm	30°	205	55,3	12,8	10	38
112-154	25 - 50	$\pm 3 \mu\text{m}$	0,01 mm	15°	305	80,3	12,8	12	49
112-202	25 - 50	$\pm 3 \mu\text{m}$	0,01 mm	30°	305	80,3	12,8	12	49
112-155	50 - 75	$\pm 3 \mu\text{m}$	0,01 mm	15°	370	105,3	12,8	14	60
112-203	50 - 75	$\pm 3 \mu\text{m}$	0,01 mm	30°	370	105,3	12,8	14	60
112-156	75 - 100	$\pm 4 \mu\text{m}$	0,01 mm	15°	500	132,8	15,3	17	79
112-204	75 - 100	$\pm 4 \mu\text{m}$	0,01 mm	30°	500	132,8	15,3	17	79

