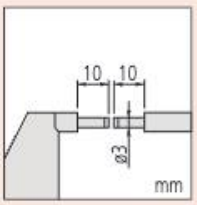
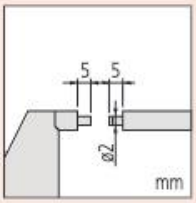
Spline Micrometers

Specifications

Measuring face	Carbide-tipped, micro-lap finish, stepped
Measuring spindle	With spindle lock, ø 6,35 mm, spindle pitch 0,5 mm
Scale	Thimble and sleeve satin chrome finish ø18 mm
Delivered	Including box, setting standard (from 25 mm upward), key



Type A



Type B

Series 111

This Spline Micrometer makes it easy for you to measure grooves and shaped parts.
It offers you the following benefits:

- Stepped measuring surfaces.
- Suitable for measuring grooves, splined shafts, recesses, shaped parts, etc.

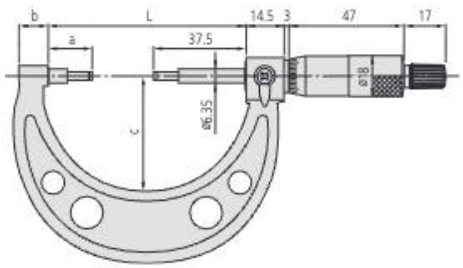


111-115

Metric

No.	Range [mm]	Graduation	Max. Permissible Error E MPE	Variation in length V MPE	Anvil / Spindle	Measuring force [N]	L [mm]
111-115	0–25	0,01 mm	±3 µm	2 µm	Type A, D=3 mm	5-10	54,5
111-215	0–25	0,01 mm	±3 µm	2 µm	Type B, D=2 mm	5-10	54,5
111-116	25–50	0,01 mm	±3 µm	2 µm	Type A, D=3 mm	5-10	79,5
111-117	50–75	0,01 mm	±3 µm	2 µm	Type A, D=3 mm	5-10	104,5
111-118	75–100	0,01 mm	±4 µm	3 µm	Type A, D=3 mm	5-10	132,3
111-119	100–125	0,01 mm	±4 µm	3 µm	Type A, D=3 mm	5-10	157,7
111-120	125–150	0,01 mm	±4 µm	3 µm	Type A, D=3 mm	5-10	183,1
111-121	150–175	0,01 mm	±5 µm	3 µm	Type A, D=3 mm	5-10	208,3
111-122	175–200	0,01 mm	±5 µm	4 µm	Type A, D=3 mm	5-10	233,7
111-123	200–225	0,01 mm	±5 µm	4 µm	Type A, D=3 mm	5-10	257,5
111-124	225–250	0,01 mm	±6 µm	4 µm	Type A, D=3 mm	5-10	283,5
111-125	250–275	0,01 mm	±6 µm	4 µm	Type A, D=3 mm	5-10	308,5
111-126	275–300	0,01 mm	±6 µm	5 µm	Type A, D=3 mm	5-10	333,5

No.	a [mm]	b [mm]	c [mm]	Mass [g]
111-115	17,5	10	38	205
111-215	17,8	10	38	205
111-116	17,8	12	49	305
111-117	17,8	14	60	370
111-118	20,3	16,7	79	500
111-119	20,7	18,8	94	655
111-120	21,1	19,1	106	710
111-121	21,3	18,2	118	900
111-122	21,7	16,8	130	1040
111-123	20,5	18	143	1245
111-124	21,5	18	156	1395
111-125	21,5	18	169	1555
111-126	21,5	18	181	1975



All products to be sold to commercial customers.
Product illustrations are without obligation. Product descriptions, in particular any and all technical specifications, are only binding when explicitly agreed upon.

Mitutoyo