Spline Micrometer

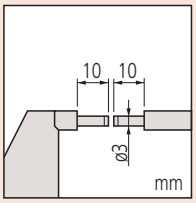
Series 111

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

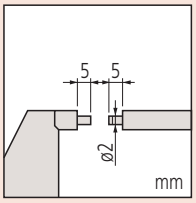
- Stepped measuring surfaces.
- Suitable for measuring grooves, splined shafts, recesses, shaped parts, etc.

Specifications

Accuracy	Refer to the list of specifications
Graduation	0,01 mm
Scale	Thimble and sleeve satin chrome finish ø18 mm
Flatness	0,3 µm
Parallelism	(2+L/100) µm, L = max. range (mm)
Measuring surfaces	carbide-tipped, micro-lap finish, stepped
Measuring spindle	With spindle lock, Ø 6,35 mm, spindle pitch 0,5 mm
Measuring force	5-10 N
Delivered	Including box, setting standard (from 25 mm upward), key



Type A



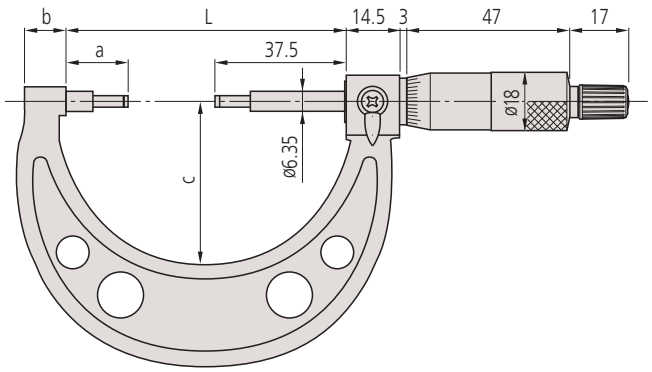
Type B

111-115

Metric

No.	Range [mm]	Anvil/ Tip	Accuracy [µm]	L [mm]	a [mm]	b [mm]	c [mm]	Mass [g]
111-115	0-25	A	±3	55,3	17,8	10	38	205
111-215	0-25	B	±3	55,3	17,8	10	38	205
111-116	25-50	A	±3	80,3	17,8	12	49	305
111-117	50-75	A	±3	105,3	17,8	14	60	370
111-118	75-100	A	±4	132,8	20,3	17	79	500
111-119	100-125	A	±4	158,2	20,7	19	94	655
111-120	125-150	A	±4	183,6	21,1	20	106	710
111-121	150-175	A	±5	208,8	21,3	19	118	900
111-122	175-200	A	±5	234,2	21,7	18	130	1040
111-123	200-225	A	±5	334	21,5	18	181	1245
111-124	225-250	A	±6	309	21,5	18	169	1395
111-125	250-275	A	±6	284	21,5	18	156	1555
111-126	275-300	A	±6	258	20,5	18	143	1975

Also available! Inch Models



The prices listed are suggested retail prices (valid until 31st May 2015). All products to be sold to commercial customers. Therefore VAT is not included. Product illustrations are without obligation. Product descriptions, in particular any and all technical specifications, are only binding when explicitly agreed upon.

Mitutoyo