Gear Tooth Micrometers

Series 124

Measuring the over-pin diameter of gears.

- It has interchangeable steel or carbide ball inserts (optional accessory) that allow you to measure modules sized between 0,5-5,25 mm.



124-173 with optional accessories

Specifications

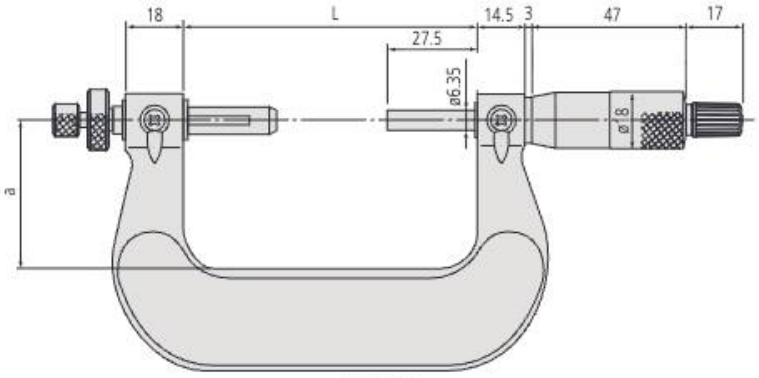
Measuring face	Interchangeable anvil/ spindle inserts (optional)
Measuring spindle	With spindle lock, ø 6,35 mm, spindle pitch 0,5 mm
Scale	Thimble and sleeve satin chrome finish ø18 mm
Delivered	Including box, setting standard (from 25 mm upward), key, interchangeable anvils/spindle tips not included

Optional accessories

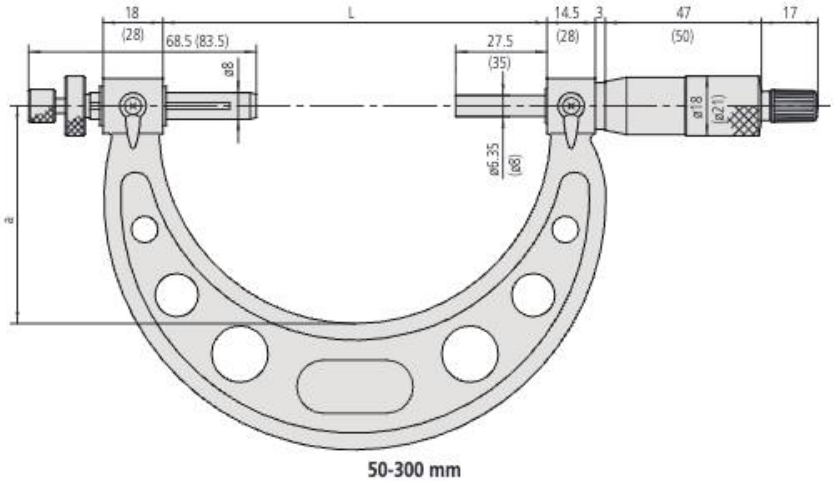
No.	Description
124-801	Interchangeable Ball Anvil/Spindle Tip, 0,8mm
124-802	Interchangeable Ball Anvil/Spindle Tip, 1,0mm
124-821	Interchangeable Ball Anvil/Spindle Tip, 1,5mm
124-805	Interchangeable Ball Anvil/Spindle Tip, 2,0mm
124-822	Interchangeable Ball Anvil/Spindle Tip, 2,5mm
124-807	Interchangeable Ball Anvil/Spindle Tip, 3,0mm
124-823	Interchangeable Ball Anvil/Spindle Tip, 3,5mm
124-810	Interchangeable Ball Anvil/Spindle Tip, 4,0mm
124-824	Interchangeable Ball Anvil/Spindle Tip, 4,5mm
124-812	Interchangeable Ball Anvil/Spindle Tip, 5,0mm
124-814	Interchangeable Ball Anvil/Spindle Tip, 6,0mm
124-816	Interchangeable Ball Anvil/Spindle Tip, 7,0mm
124-819	Interchangeable Ball Anvil/Spindle Tip, 8,0mm
124-803	Interchangeable Ball Anvil/Spindle Tip, 1,191mm (3/64")
124-804	Interchangeable Ball Anvil/Spindle Tip, 1,588mm (1/16")
124-806	Interchangeable Ball Anvil/Spindle Tip, 2,381mm (3/32")
124-808	Interchangeable Ball Anvil/Spindle Tip, 3,175mm (1/8")
124-809	Interchangeable Ball Anvil/Spindle Tip, 3,969mm (5/32")
124-811	Interchangeable Ball Anvil/Spindle Tip, 4,763mm (3/16")
124-813	Interchangeable Ball Anvil/Spindle Tip, 5,556mm (7/32")
124-815	Interchangeable Ball Anvil/Spindle Tip, 6,35mm (1/4")
124-817	Interchangeable Ball Anvil/Spindle Tip, 7,144mm (9/32")
124-818	Interchangeable Ball Anvil/Spindle Tip, 7,938mm (5/16")
124-820	Interchangeable Ball Anvil/Spindle Tip, 8,731mm (11/32")

Metric

No.	Range [mm]	Graduation	Max. Permissible Error E MPE	Measuring force [N]	L [mm]	a [mm]	Mass [g]
124-173	0–25	0,01 mm	±4 µm	5-10	64,5	32	295
124-174	25–50	0,01 mm	±4 µm	5-10	90	45	400
124-175	50–75	0,01 mm	±4 µm	5-10	115,6	65	460
124-176	75–100	0,01 mm	±5 µm	5-10	140,6	79	540
124-177	100–125	0,01 mm	±5 µm	5-10	165,6	93	640
124-178	125–150	0,01 mm	±5 µm	5-10	190,5	105	760
124-179	150–175	0,01 mm	±6 µm	5-10	214,5	120	900
124-180	175–200	0,01 mm	±6 µm	5-10	240,5	131	1060
124-181	200–225	0,01 mm	±6 µm	5-10	265,5	144	1230
124-182	225–250	0,01 mm	±7 µm	5-10	290,5	156	1430
124-183	250–275	0,01 mm	±7 µm	5-10	314,5	171	1620
124-195	275–300	0,01 mm	±7 µm	5-10	353	187	2070



0-50 mm



50-300 mm

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