Interchangeable Anvils / Spindle Tips

Code No.	Diameter* (mm)	Gear module	Dia. pitch	
124-801	ø0.8	0.5 - 0.55	50	
124-802	ø1.0	0.6 - 0.65	45	
124-803	ø1.191 ($^{3}/_{64}$")	0.7 - 0.8	35 - 30	
124-821	ø1.5	0.9 - 1	28 - 26	
124-804	ø1.588 ($^{1}/_{16}$")	0.9 - 1	28 - 26	
124-805	ø2.0	1.25	22	
124-806	ø2.381 ($^{3}/_{32}$")	1.5	17	
124-822	ø2.5	1.5	17	
124-807	ø3.0	1.75	15	
124-808	ø3.175 ($^{1}/_{8}$")	—	14	
124-823	ø3.5	2	13	
124-809	ø3.969 ($^{5}/_{32}$")	2	13	
124-810	ø4.0	2.25	11	
124-824	ø4.5	2.5	10	
124-811	ø4.763 ($^{3}/_{16}$")	2.5	10	
124-812	ø5.0	2.75	9	
124-813	ø5.556 ($^{7}/_{32}$")	3.0 - 3.25	8	
124-814	ø6.0	3.5	7	
124-815	ø6.35 ($^{1}/_{4}$")	3.75	7	
124-816	ø7.0	4.0	6.5	
124-817	ø7.144 ($^{9}/_{32}$")	4.25	6	
124-818	ø7.938 ($^{5}/_{16}$")	4.5	5.5	
124-819	ø8.0	4.75	5.5	
124-820	ø8.731 ($^{11}/_{32}$")	0.5 - 5.25	5	

* ø2 mm or less / carbide-tipped type.

SERIES 124 – Interchangeable Anvil Gear Tooth Micrometer

- Intended for making *over-pin diameter* measurements on gears using precision ball anvils / spindle tips.
- Interchangeable steel (or carbide) ball anvils / spindle tips for various gear modules (0.5 - 5.25) are optional.
- Equipped with Ratchet Stop for constant measuring force.

124-173

B

Specifications

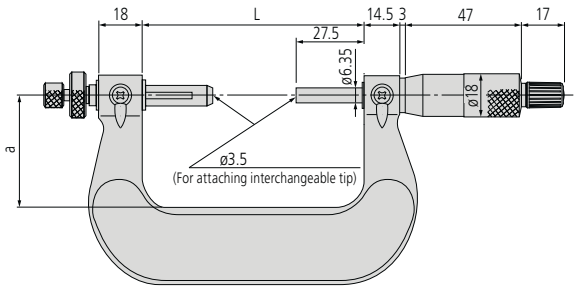
Metric

Code No.	Range	Graduation	Accuracy	
124-173	0 - 25 mm	0.01 mm	±4 µm	
124-174	25 - 50 mm			
124-175	50 - 75 mm			
124-176	75 - 100 mm		±5 µm	
124-177	100 - 125 mm			
124-178	125 - 150 mm			
124-179	150 - 175 mm		±6 µm	
124-180	175 - 200 mm			
124-181	200 - 225 mm			
124-182	225 - 250 mm		±7 µm	
124-183	250 - 275 mm			
124-195	275 - 300 mm			

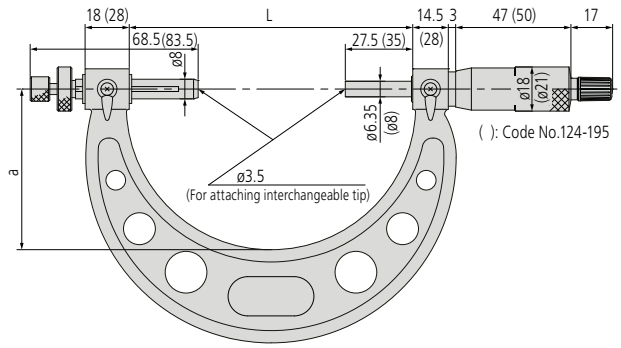
Dimensions

Unit: mm

Models with a maximum measuring range up to 50 mm



Models with a maximum measuring range 75 - 300 mm



Range	L	a
0 - 25 mm	64.5	32
25 - 50 mm	90	45
50 - 75 mm	115.6	65
75 - 100 mm	140.6	79
100 - 125 mm	165.6	93
125 - 150 mm	190.5	105
150 - 175 mm	215.5	120
175 - 200 mm	240.5	130
200 - 225 mm	265.5	147
225 - 250 mm	290.5	165
250 - 275 mm	315.5	171
275 - 300 mm	353	187

Mitutoyo