

Gear Tooth Micrometers

SERIES 124 — Interchangeable Ball Anvil/Spindle Tip Type

Optional Accessories

- Interchangeable ball anvil/spindle tip set

Code No.	Diameter* (mm)	Gear module	Dia. pitch
124-801	0.8	0.5 - 0.55	50
124-802	1.0	0.6 - 0.65	45
124-803	1.191 ($\frac{3}{64}$ in)	0.7 - 0.8	35 - 30
124-821	1.5	0.9 - 1	28 - 26
124-804	1.588 ($\frac{1}{16}$ in)	0.9 - 1	28 - 26
124-805	2.0	1.25	22
124-806	2.381 ($\frac{3}{32}$ in)	1.5	17
124-822	2.5	1.5	17
124-807	3.0	1.75	15
124-808	3.175 ($\frac{1}{8}$ in)	—	14
124-823	3.5	2	13
124-809	3.969 ($\frac{5}{32}$ in)	2	13
124-810	4.0	2.25	11
124-824	4.5	2.5	10
124-811	4.763 ($\frac{3}{16}$ in)	2.5	10
124-812	5.0	2.75	9
124-813	5.556 ($\frac{7}{32}$ in)	3.0 - 3.25	8
124-814	6.0	3.5	7
124-815	6.35 ($\frac{1}{4}$ in)	3.75	7
124-816	7.0	4.0	6.5
124-817	7.144 ($\frac{9}{32}$ in)	4.25	6
124-818	7.938 ($\frac{5}{16}$ in)	4.5	5.5
124-819	8.0	4.75	5.5
124-820	8.731 ($\frac{11}{32}$ in)	5.0 - 5.25	5

* 2 mm less for /carbide-tipped type

Although the dimensions displayed on some models may be slightly different from their nominal dimensions, please be assured that they are actual measured values confirmed to satisfy our internal standards.

- Intended for making over-pin diameter measurements on gears using precision ball anvils/spindle tips (optional).
- Determination of the over-pin diameter: refer to "Quick Guide to Precision Measuring Instruments" on page 13-8.
- Interchangeable ball anvils/spindle tips for various gear modules (0.5 to 5.25) are optional.
- Equipped with Ratchet Stop for constant measuring force.



SPECIFICATIONS

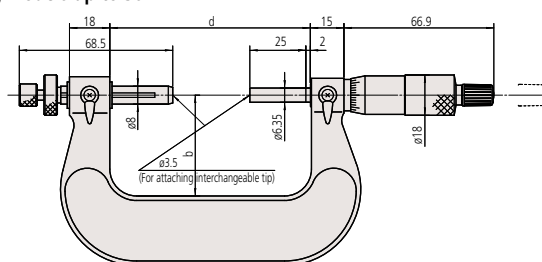
Metric			
Code No.	Range (mm)	Graduation (mm)	Spindle feed error (μm)
124-173	0 - 25	0.01	3
124-174	25 - 50		
124-175	50 - 75		
124-176	75 - 100		
124-177	100 - 125		
124-178	125 - 150		
124-179	150 - 175		
124-180	175 - 200		
124-181	200 - 225		
124-182	225 - 250		
124-183	250 - 275		
124-195	275 - 300		

- Standard accessories: Setting standard, 1 pc. (except for measuring range 0 to 25 mm models), Spanner (**301336**), 1 pc.

DIMENSIONS

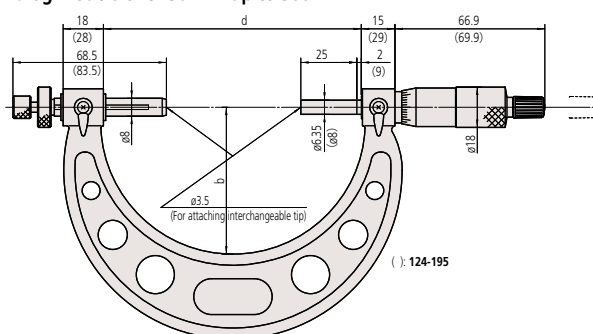
Analog models up to 50 mm

Unit: mm



Range (mm)	b	d
0 - 25	32	64
25 - 50	45	89.5

Analog models over 50 mm up to 300 mm



Range (mm)	b	d
50 - 75	65	115.
75 - 100	79	140.
100 - 125	93	165.
125 - 150	105	190
150 - 175	118	214
175 - 200	131	240
200 - 225	144	265
225 - 250	156	290
250 - 275	169	314
275 - 300	187	352