

Technical Data

Spindle feed error: $3 \mu\text{m} / .00015''$

Optional Accessories

Interchangeable anvils/spindle tips



For Metric/Unified threads (pair)

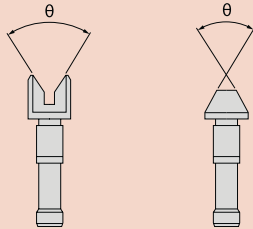
Code No.	Metric	UNF
126-801	0.4-0.5 mm	64-48
126-802	0.6-0.9 mm	44-28
126-803	1-1.75 mm	24-14
126-804	2-3 mm	13-9
126-805	3.5-5 mm	8-5
126-806	5.5-7 mm	4.5-3.5

For Whitworth threads (pair)

Code No.	TPI
126-811	60-48
126-812	48-40
126-813	40-32
126-814	32-24
126-815	24-18
126-816	18-14
126-817	14-10
126-818	10-7
126-819	7-4.5
126-820	4.5-3.5

Sets

Code No.	Description
126-800	Consists of 126-801 to 126-806
126-810	Consists of 126-811 to 126-820



Allowable error in the vee/cone angles

Type	Metric (Unified)	Whitworth	Half-angle error
Pitch (mm), Nominal designation of threads per inch		W1	$\pm 30'$
	M1 (U1)	W2	$\pm 30'$
		W3	$\pm 20'$
	M2 (U2)	W4	$\pm 20'$
		W5	$\pm 15'$
	M3 (U3)	W6	$\pm 15'$
	M4 (U4)	W7	$\pm 10'$
		W8	$\pm 10'$
	M5 (U5)	W9	$\pm 10'$
	M6 (U6)	W10	$\pm 10'$

Setting standards refer to page B-67.

SERIES 126 – Interchangeable Anvil Screw Thread Micrometer

- Anvils and spindle tips are interchangeable in matching pairs to enable measurement of Metric/Unified or Whitworth threads.
- Direct reading of screw pitch diameter (no need for calculation).
- Equipped with Ratchet Stop for constant measuring force.
- Interchangeable anvils/spindle tips are optional.



126-137

Specifications

Metric				
Code No.	Range	Graduation	Accuracy	
126-125	0 - 25 mm	0.01 mm	$\pm 4 \mu\text{m}$	
126-126	25 - 50 mm			
126-127	50 - 75 mm			
126-128	75 - 100 mm		$\pm 5 \mu\text{m}$	
126-129	100 - 125 mm			
126-130	125 - 150 mm			
126-131	150 - 175 mm			
126-132	175 - 200 mm		$\pm 6 \mu\text{m}$	
126-133	200 - 225 mm			
126-134	225 - 250 mm			
126-135	250 - 275 mm	$\pm 7 \mu\text{m}$		
126-136	275 - 300 mm			

Inch

Code No.	Range	Graduation	Accuracy		
126-137	0 - 1"	.001"	$\pm .0002''$		
126-138	1 - 2"				
126-139	2 - 3"				
126-140	3 - 4"		$\pm .00025''$		
126-141	4 - 5"				
126-142	5 - 6"				
126-143	6 - 7"				
				$\pm .0003''$	

Note: A matching setting standard is supplied with each model (except for 0-25 mm measuring range). The standard is for metric threads (unified) 60°.

Dimensions

Range	L	c	Range	L	c
0-25 mm	39.5	25	150-175 mm	190.5	105
25-50 mm	64.5	32	175-200 mm	215.5	120
50-75 mm	90	45	200-225 mm	240.5	130
75-100 mm	115.6	65	225-250 mm	265.5	147
100-125 mm	140.6	79	250-275 mm	290.5	165
125-150 mm	165.6	93	275-300 mm	315.5	171

Unit: mm