



# BEARING & TOOL CENTRE



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## Our Sister Concern : RELIEF SERVICE CENTRE

Repairs, Removal of Jaw Error, Bore Gauge Extension, Instrument Modifications & Spares

### Quotation

9 | Point Micrometers – Insize Make | Least Count 0.01mm & 0.001mm

Range	W	C	0-25	25-50	50-75	75-100	0-25	25-50	50-75	75-100
Type			A	A	A	A	B	B	B	B
Rs.	12	N	4220	4597	4987	5740	4220	4597	4987	5740
Code			3230-25	3230-50	3230-75	3230-100	3230-25BA	3230-50BA	3230-75BA	3230-100BA
Catalog			Page – 3	Page – 3	Page – 3	Page – 3	Page – 3	Page – 3	Page – 3	Page – 3
Digital Rs.	12	N	13460	14520	15649	16598	13500	14605	15814	16764
Code 0.001			3530-25	3530-50	3530-75	3530-100	3530-25BA	3530-50BA	3530-75BA	3530-100BA
Catalog			Page – 3	Page – 3	Page – 3	Page – 3	Page – 3	Page – 3	Page – 3	Page – 3

9 - 1 | Point Micrometers – 0 – 25 x 0.01mm – Baker Make @ With 15% Discount

### Point Type : 15 Hardened steel measuring tips.

Range (mm)	0-25	25-50	50-75	75-100
Rs.	2370	3080	3480	3830
Code	MMA25-T1	MMA50-T1	MMA75-T1	MMA100-T1
Catalog	Page – 5	Page – 5	Page – 5	Page – 5

Range (Inch)	0 - 1	1 - 2	2 - 3	3 - 4
Rs.	4900	6370	7390	9610
Code	INA1-P1	INA2-P1	INA3-P1	INA4-P1
Catalog	Page – 5	Page – 5	Page – 5	Page – 5

### Point Type : 30 Hardened steel measuring tips.

Range (mm)	0-25	25-50	50-75	75-100
Rs.	2500	3250	3550	4040
Code	MMA25-T2	MMA50-T2	MMA75-T2	MMA100-T2
Catalog	Page – 5	Page – 5	Page – 5	Page – 5

Range(Inch)	0 - 1	1 - 2	2 - 3	3 - 4
Rs.	4310	5390	6120	7180
Code	INA1-P2	INA2-P2	INA3-P2	INA4-P2
Catalog	Page – 5	Page – 5	Page – 5	Page – 5

**9 - 2 | Point Micrometers - Mitutoyo Make @ With 5% Discount**

Range	W	C	0-25	0-25	25-50	50-75	75-100
Point 15°Rs.	12	N	8195	9961	9609	11591	13842
Code			<b>112-165</b>	<b>142-153</b>	<b>112-166</b>	<b>112-167</b>	<b>112-168</b>
Catalog			Page – 7	Page – 7	Page – 7	Page – 7	Page – 7
Point 15°Rs.	12	N	5647		7070	8763	11303
Code			<b>112-153*</b>		<b>112-154*</b>	<b>112-155*</b>	<b>112-156*</b>
Catalog			Page – 7		Page – 7	Page – 7	Page – 7
Point 30°Rs.	12	N	7070	9123	7907	8475	9330
Code			<b>112-213</b>	<b>142-201</b>	<b>112-214</b>	<b>112-215</b>	<b>112-216</b>
Catalog			Page – 7	Page – 7	Page – 7	Page – 7	Page – 7
Point 30°Rs.	12	N	5368		5935	6502	7340
Code			<b>112-201*</b>		<b>112-202*</b>	<b>112-203*</b>	<b>112-204*</b>
Catalog			Page – 7		Page – 7	Page – 7	Page – 7
Digi. 15° 0.001mm Rs.			21975		24965	26162	29747
Code			<b>342 – 251</b>		<b>342 – 252</b>	<b>342 – 253</b>	<b>342 – 254</b>
Catalog			Page – 7		Page – 7	Page – 7	Page – 7
Digi. 30° 0.001mm Rs.	12	N	20480		25262	25568	29450
Code			<b>342-261</b>		<b>342-262</b>	<b>342-263</b>	<b>342-264</b>
Catalog			Page – 7		Page – 7	Page – 7	Page – 7

Note : \* The points have not carbide tips.

\*\*\* W – Warranty , C – Certificate

## Terms & Conditions –

- Goods offered - Subject to Prior Sale
- Price Validity: "15 Days from Date of Quotation"
- C.S.T 2% extra against form C. Otherwise 5% without form C For Out of Gujarat Sales only.
- VAT 5% extra for Sales within Gujarat. Prices Ex-Godown Ahmedabad.
- Payment against Proforma Invoice, Packing, Forwarding & Freight extra.
- **Bank Detail** – Kotak Mahindra Bank Ltd.
- **Branch** – Shivranjini
- **Bank IFSC Code** - KKBK 0000 810
- **Bank Account No.** 08102 00000 2689
- Note - While making payment online do mention your Company's name.
- TIN NO 24070901229 , CST No. 24570901229
- We are looking forward to your valued orders.

# INSIZE MAKE

## POINT MICROMETER

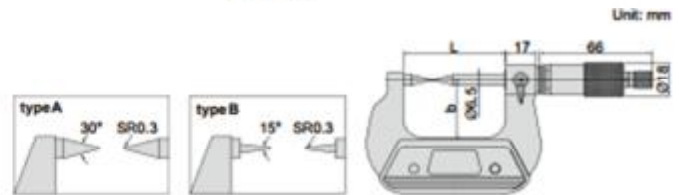
- Measure the web thickness of drills, small grooves and keyways
- Graduation 0.01mm
- Ratchet stop
- Carbide tips
- Supplied with setting standards (except 0-25mm)



3230-25A

(mm)

Code	Range	Type	Accuracy	L	b
3230-25A	0-25mm	A	4μm	57	32
3230-50A	25-50mm	A	4μm	82	44.5
3230-75A	50-75mm	A	5μm	107	57
3230-100A	75-100mm	A	5μm	132.6	69.5
3230-25BA	0-25mm	B	4μm	57	32
3230-50BA	25-50mm	B	4μm	82	44.5
3230-75BA	50-75mm	B	5μm	107	57
3230-100BA	75-100mm	B	5μm	132.6	69.5



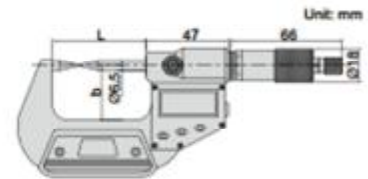
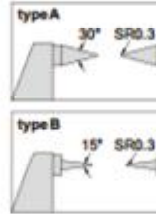
## DIGITAL POINT MICROMETER

- Measure the web thickness of drills, small grooves and keyways
- Resolution 0.001mm/0.00005"
- IP54 dust/waterproof
- Button function: on/off, set, mm/inch, ABS/INC, data output
- Data output
- LR44 battery, automatic power off
- Ratchet stop
- Carbide tips
- Supplied with setting standards (except 0-25mm/0-1")
- Optional accessory: data output cable (code 7306-30, 7302-SPC2A, 7305-SPC3)



3530-25A

(mm)					
Code	Range	Type	Accuracy	L	b
3530-25A	0-25mm/0-1"	A	±4μm	57	32
3530-50A	25-50mm/1-2"	A	±4μm	82	44.5
3530-75A	50-75mm/2-3"	A	±5μm	107	57
3530-100A	75-100mm/3-4"	A	±5μm	132.6	69.5
3530-25BA	0-25mm/0-1"	B	±4μm	57	32
3530-50BA	25-50mm/1-2"	B	±4μm	82	44.5
3530-75BA	50-75mm/2-3"	B	±5μm	107	57
3530-100BA	75-100mm/3-4"	B	±5μm	132.6	69.5



# BAKER MAKE



## SPECIAL MICROMETERS

- 1) TUBE TYPE : [TYPE - T1] SPHERICAL HARDENED STEEL ANVIL & FLAT CARBIDE SPINDLE FACE.  
[TYPE - T2] BOTH ENDS SPHERICAL HARDENED STEEL FACES.

TYPE	RANGE	READING	₹
MMA25 - T1	0 - 25 mm	0.01 mm	2370
MMA25 - T2	0 - 25 mm	0.01 mm	2500
MMA50 - T1	25 - 50 mm	0.01 mm	3080
MMA50 - T2	25 - 50 mm	0.01 mm	3250
MMA75 - T1	50 - 75 mm	0.01 mm	3480
MMA75 - T2	50 - 75 mm	0.01 mm	3550
MMA100 - T1	75 - 100 mm	0.01 mm	3830
MMA100 - T2	75 - 100 mm	0.01 mm	4040

## SPECIAL MICROMETERS



- 4) POINT TYPE : 15° HARDENED STEEL MEASURING TIPS.

TYPE	RANGE	READING	₹
MMA25 - P1	0 - 25 mm	0.01 mm	4900
MMA50 - P1	25 - 50 mm	0.01 mm	6370
MMA75 - P1	50 - 75 mm	0.01 mm	7690
MMA100 - P1	75 - 100 mm	0.01 mm	9610

TYPE	RANGE	READING	₹
INA1 - P1	0 - 1"	0.001"	4900
INA2 - P1	1" - 2"	0.001"	6370
INA3 - P1	2" - 3"	0.001"	7690
INA4 - P1	3" - 4"	0.001"	9610

**Salient Features: For Baker Make**

For measurement of web thickness of drills, small grooves, keyways.

Available in 15° and 30° Hardened Steel measuring points having radius of 0.3 mm approx.



## FEATURES:

Spindle made from stainless steel for rust prevention

Measuring Faces – 15° & 30° hardened steel points having radius 0.3 mm approximately

An in-built ratchet in the thimble

Zero setting once done cannot be easily tampered with Sharp laser marking for better visibility & durability

Heat insulating grip plates cover the entire handling portion of the micrometer frame

Robust design withstands toughest workshop conditions

Measuring Range mm	Reading mm	Point Angle Degrees	Type	A mm	B mm	C mm	Measuring Range inch	Reading inch	Type
0-25	0.01	15	MMA25-P1	7.1	57.5	30.5	0-1"	0.001"	INA1-P1
0-25	0.01	30	MMA25-P2	7.1	57.5	30.5	0-1"	0.001"	INA1-P2
25-50	0.01	15	MMA50-P1	8	83	45	1-2"	0.001"	INA2-P1
25-50	0.01	30	MMA50-P2	8	83	45	1-2"	0.001"	INA2-P2
50-75	0.01	15	MMA75-P1	8	108	58	2-3"	0.001"	INA3-P1
50-75	0.01	30	MMA75-P2	8	108	58	2-3"	0.001"	INA3-P2
75-100	0.01	15	MMA100-P1	8	133	67.5	3-4"	0.001"	INA4-P1
75-100	0.01	30	MMA100-P2	8	133	67.5	3-4"	0.001"	INA4-P2

# MITUTOYO MAKE

## Point Micrometers

SERIES 342, 142, 112

### FEATURES

- IP65 water/dust protection (342 series).
- Pointed spindle and anvil for measuring the web thickness of drills, small grooves, keyways, and other hard-to-reach dimensions.
- 15 degree and 30 degree measuring points
- are available.
- The measuring points (carbide-tipped) have approximately 0.3mm radius.
- With Ratchet Stop for constant force.
- With SPC output (series 342).
- With digit counter (series 142).



### SPECIFICATIONS

Metric		Digital model	
Range	Order No.	Accuracy	Point
0 - 25mm	342-251	±2µm	15°
	342-261	±2µm	30°
25 - 50mm	342-252	±2µm	15°
	342-262	±2µm	30°
50 - 75mm	342-253	±2µm	15°
	342-263	±2µm	30°
75 - 100mm	342-254	±3µm	15°
	342-264	±3µm	30°

Inch/Metric		Digital model	
Range	Order No.	Accuracy	Point
0 - 1"	342-351	±.0001"	15°
	342-361	±.0001"	30°
1" - 2"	342-352	±.0001"	15°
	342-362	±.0001"	30°
2" - 3"	342-353	±.0001"	15°
	342-363	±.0001"	30°
3" - 4"	342-354	±.00015"	15°
	342-364	±.00015"	30°

Metric			
Range	Order No.	Accuracy	Point
0 - 25mm	142-153	±3µm	15°
	142-201	±3µm	30°

Inch			
Range	Order No.	Accuracy	Point
0 - 1"	142-177	±.00015"	15°
	142-225	±.00015"	30°

Metric			
Range	Order No.	Accuracy	Point
0 - 25mm	112-165	±3µm	15°
	112-153*	±3µm	15°
	112-213	±3µm	30°
25 - 50mm	112-201*	±3µm	30°
	112-166	±3µm	15°
	112-154*	±3µm	15°
	112-214	±3µm	30°
50 - 75mm	112-202*	±3µm	30°
	112-167	±3µm	15°
	112-155*	±3µm	15°
	112-215	±3µm	30°
75 - 100mm	112-203*	±3µm	30°
	112-168	±4µm	15°
	112-156*	±4µm	15°
	112-216	±4µm	30°
	112-204*	±4µm	30°

Inch			
Range	Order No.	Accuracy	Point
0 - 1"	112-189	±.00015"	15°
	112-177*	±.00015"	15°
	112-237	±.00015"	30°
1" - 2"	112-225*	±.00015"	30°
	112-190	±.00015"	15°
	112-178*	±.00015"	15°
	112-238	±.00015"	30°
2" - 3"	112-226*	±.00015"	30°
	112-191	±.00015"	15°

\*The points have not carbide tips.

\*The points have not carbide tips.



(Refer to the page 9 for details.)

### Technical Data

Accuracy: Refer to the list of specifications. (excluding quantizing error for digital models)  
 Resolution\*: 0.001mm or .00005"/0.001mm  
 Graduation\*\*: 0.01mm or .001"  
 Display\*: LCD  
 Battery\*: SR44 (1 pc.), 938882  
 Battery life\*: Approx. 1.2 years under normal use  
 Dust/Water protection level\*: IP65  
 \*Digital models \*\*Analog models

### Function of Digital Model

Origin-set, Zero-setting, Data hold, Automatic power ON/OFF, inch/mm conversion (inch/mm models) Data hold Alarm: Low voltage, Counting value composition error

### Optional Accessory for Digital Model

- 05CZA662: SPC cable with data switch (1m)
- 05CZA663: SPC cable with data switch (2m)



Tip angle: 15° (SR0.3)



Tip angle: 30° (SR0.3)



### DIMENSION

