



# 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

49 | Bore Gauge Inch [ Mitutoyo price without dial ]

Range – inch	W	C	D%	L.C.	1. 4-2. 5	0.7 – 2. 0	2 – 4	2 – 6
Insize Rs.	12	N		0.0005	----	--	--	--
Code					2323-24	-	2323-4	2323-6
Catalog					Page No - 2		Page No - 2	Page No – 2
Baker Rs.	10	Y	15	0.0001		8100		8100
Code						K761		K861
Catalog						Page No - 3		Page No – 3
Baker Rs.	10	Y	15	0.0005		7170		7170
Code						K753		K853
Catalog						Page No – 3		Page No – 3
Mitutoyo Rs.	12	N	5		15670			16652
Code					511-752			511-753
Catalog					Page No – 4,5			Page No – 4,5

\*\*\* W – Warranty , C – Certificate , D- Discount

### 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

## DIAL BORE GAGE



- Dial indicator graduation: metric 0.01mm  
inch 0.0005"
- Dial indicator range: metric 0-3mm  
inch 0-0.25"
- Ceramic moving tip and anvil except moving tip and anvil of 6-10mm/0.24-0.4", moving tip of 10-18mm/0.4-0.7", moving tip of 18-35mm/0.7-1.5"
- Packed in blow mould case or wooden box

Code	Range	Depth	Dial indicator bezel	Anvil type
2322-10	6-10mm	40mm	42mm	A
2322-18	10-18mm	100mm	42mm	B
2322-35	18-35mm	150mm	58mm	C
2322-50	35-50mm	150mm	58mm	D
2322-100	50-100mm	150mm	58mm	D
2322-160	50-160mm	150mm	58mm	D
2322-250	160-250mm	400mm	58mm	D
2322-450	250-450mm	400mm	58mm	D
Code	Range	Depth	Dial indicator bezel	Anvil type
2323-04	0.24-0.4"	1.57"	2.28"	A
2323-07	0.4-0.7"	4"	2.28"	B
2323-15	0.7-1.5"	6"	2.28"	C
2323-24	1.4-2.4"	6"	2.28"	D
2323-4	2-4"	6"	2.28"	D
2323-6	2-6"	6"	2.28"	D
2323-10	6-10"	16"	2.28"	D
2323-16	10-16"	16"	2.28"	D

# BAKER MAKE

## BORE GAUGE INCH – BAKER

### DIAL BORE GAUGES

#### Range 10 - 18 mm (0.4" - 0.7")

PRODUCT CODE	TYPE	READING	BORE DEPTH	GRADUATION	UNIT RATE ₹
D77039000	K639	0.01 mm	100 mm	0-50-0	6,660.00
D77049000	K641	0.001 inch	4 inch	0-50-0	6,810.00

#### Range 18 - 50 mm (0.7" - 2")

D73059000	K703	0.01 mm	150 mm	0-50-0	6,520.00
D73069000	K709	0.002 mm	150 mm	0-10-0	7,880.00
D73119000	K717	0.001 mm	150 mm	0-100-0	8,090.00
D73079000	K753	0.0005 inch	6 inch	0-25-0	7,170.00
D73089000	K761	0.0001 inch	6 inch	0-50-0	8,100.00

#### Range 50 - 150 mm (2" - 6")

D75059000	K803	0.01 mm	250 mm	0-50-0	6,520.00
D75069000	K809	0.002 mm	250 mm	0-10-0	7,880.00
D75129000	K817	0.001 mm	250 mm	0-100-0	8,090.00
D75079000	K853	0.0005 inch	10 inch	0-25-0	7,170.00
D75089000	K861	0.0001 inch	10 inch	0-50-0	8,100.00

# DIAL BORE GAUGES



TYPE	READING	DEPTH	GRADUATION
<b>Range: 10 – 18 mm ( 0.4"– 0.7" )</b>			
J639	0.01 mm	100 mm	0-50-0
J641	0.001 inch	4 inch	0-50-0
<b>Range: 18 – 50 mm ( 0.7"– 2" )</b>			
J703	0.01 mm	175 mm	0-50-0
J709	0.002 mm	175 mm	0-10-0
J753	0.0005 inch	7 inch	0-25-0
J761	0.0001 inch	7 inch	0-50-0
<b>Range: 50 –150 mm ( 2"– 6" )</b>			
J803	0.01 mm	250 mm	0-50-0
J809	0.002 mm	250 mm	0-10-0
J853	0.0005 inch	10 inch	0-25-0
J861	0.0001 inch	10 inch	0-50-0

# MITUTOYO MAKE

## Bore Gages

### SERIES 511

Mitutoyo offers a complete selection of Bore Gages, all of them with interchangeable anvils and necessary accessories to perform close tolerance ID measurements.



### FEATURES

- Most popular Bore Gages.
- Carbide-tipped contact points for durability.
- The dial indicator is fully protected by a rugged cover.
- Optional extension rods can be attached for measuring deep holes.
- Economy Bore Gage Sets are also available.

### Technical Data

Accuracy: 5µm  
 Indication stability: 2µm  
 Graduation: 0.01mm, 0.001mm, .0005 or .0001"

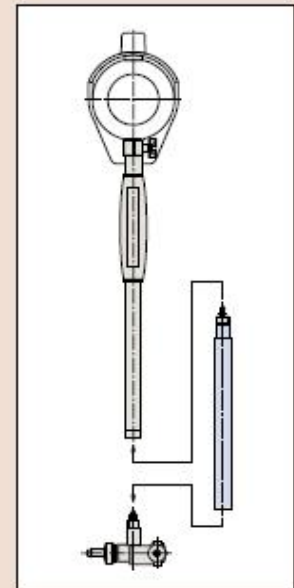
### Optional Accessory

- 953549: 125mm Extension rod for 18-35mm (.7"-1.4") models
- 953552: 125mm Extension rod for 35-160mm (1.4"-6.5") models
- 953557: 125mm Extension rod for 160-400mm (6.5"-16") models
- 953550: 250mm Extension rod for 18-35mm (.7"-1.4") models
- 953553: 250mm Extension rod for 35-160mm (1.4"-6.5") models
- 952361: 250mm Extension rod for 160-400mm (6.5"-16") models
- 953551: 500mm Extension rod for 18-35mm (.7"-1.4") models
- 953554: 500mm Extension rod for 35-160mm (1.4"-6.5") models
- 953558: 500mm Extension rod for 160-400mm (6.5"-16") models
- 953555: 750mm Extension rod for 35-160mm (1.4"-6.5") models
- 953559: 750mm Extension rod for 160-400mm (6.5"-16") models
- 953556: 1000mm Extension rod for 35-160mm (1.4"-6.5") models
- 953560: 1000mm Extension rod for 160-400mm (6.5"-16") models

### SPECIFICATIONS

Metric		Individual
Range	Order No.	Probe depth
18 - 35mm	511-167	100mm
35 - 60mm	511-168	150mm
50 - 100mm	511-169	150mm
50 - 150mm	511-170	150mm
100 - 160mm	511-178	150mm
160 - 250mm	511-179	250mm
250 - 400mm	511-180	250mm
18 - 35mm	511-171	100mm
35 - 60mm	511-172	150mm
50 - 100mm	511-173	150mm
50 - 150mm	511-174	150mm
100 - 160mm	511-175	150mm
160 - 250mm	511-176	250mm
250 - 400mm	511-177	250mm

Inch		Individual
Range	Order No.	Probe depth
.7" - 1.4"	511-163	4"
1.4" - 2.5"	511-164	6"
2" - 4"	511-165	6"
2" - 6"	511-166	6"
4" - 6.5"	511-187	6"
6.5" - 10"	511-188	10"
10" - 16"	511-189	10"
.7" - 1.4"	511-159	4"
1.4" - 2.5"	511-160	6"
2" - 4"	511-161	6"
2" - 6"	511-162	6"
4" - 6.5"	511-184	6"
6.5" - 10"	511-185	10"
10" - 16"	511-186	10"



— : Setting ring (See page 122.)



Metric Bore Gage Sets		
Range	Order No.	Number of probes
18 - 150mm	511-902	3
18 - 150mm	511-901	3

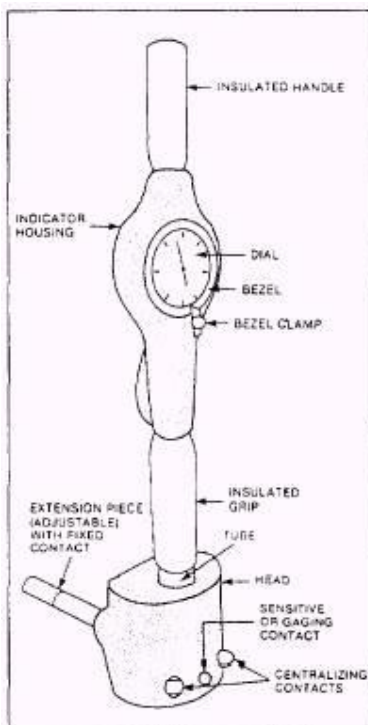
0.001mm graduation (w/ 21095B-10)   
 0.01mm graduation (w/ 20465B)

Inch Bore Gage Sets		
Range	Order No.	Number of probes
.7" - 6"	511-912	3
.7" - 6"	511-911	3

0.001mm graduation (w/ 29235B-10)   
 0.01mm graduation (w/ 29225B)

## BORE GAUGES

The dial bore gauge is one of the most accurate tools for measuring a cylindrical bore or for checking a bore for out-of-roundness or taper. The gauge does not give a direct measurement. It identifies the amount of deviation from a preset size or the amount of deviation from one part of the bore to another. A master ring gauge, outside micrometer, or vernier caliper can be used to preset the gauge. Figure 2-6 shows a typical bore gauge.

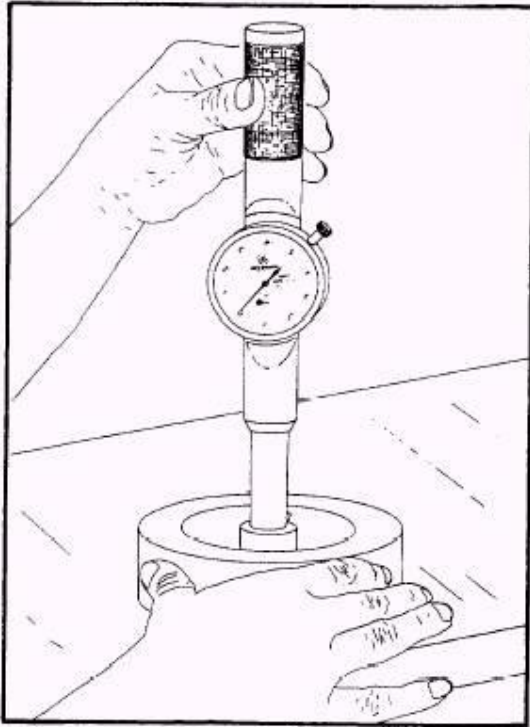


**Figure 2-6.—Typical bore gauge.**

Most bore gauges consist of a dial indicator, extension pieces, bezel and locknut, spring-loaded guide, and sensor button.

Before you start a measuring procedure, expose both the bore gauge and the master ring gauge, or any other tools used to preset the bore gauge, and the part to be measured to the same work place environment for one hour. If you fail to do this, a temperature differential may cause your readings to be inaccurate. When you use the bore gauge, touch only its insulated handle.

The gauge has two stationary spring-loaded points and an adjustable point to permit a variation in range. These points are evenly spaced to allow accurate centering of the tool in the bore. A fourth point, the tip of the dial indicator, is located between the two stationary points. By simply rocking the tool in the bore, you can observe the amount of variation on the dial. Figure 2-7 shows a bore gauge inside a bore being moved in a gentle rocking motion. Always follow the bore gauge manufacturer's operating manual. Measure the bore and mark the areas you measure. A good



**Figure 2-7.—Measuring a bore with a bore gauge.**

practice is to check the bore gauge in the standard after you take each set of measurements to ensure that readings are accurate.