



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

26	Vernier Caliper [Simple]	Least count 0.02 mm / 0.001 inch
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Range-mm	W	C	D %	0-150	0-200	0-300
Insize Rs. With Fine	12	N		1536	2221	3990
Code				1233-130	1233-180	1233-280
Catalog				Page No. - 3	Page No. - 3	Page No. - 3
Insize Rs. No Fine	12	N		1425	2127	3953
Code				1205-1502	1205-2002	1205-3002
Catalog				Page No. - 3	Page No. - 3	Page No. - 3
Aerospace Rs.	-	N	10	350	500	820
Advance Rs.	-	N	10	800	1100	2500
M & W Rs.	6	N		1100	1450	2700
Code				VCF 150	VCF 200	VCF 300
Catalog				Page No. - 8	Page No. - 8	Page No. - 8
Baker Rs. - No fine	12	Y	15	1860	2970	5950
Code				VC 10	VC 20	VC 30
Catalog				Page No. - 4	Page No. - 4	Page No. - 4
Baker Rs. - With Fine	12	Y	15	2130	3150	6210
Code				VCF 10	VCF 20	VCF 30
Catalog				Page No. - 4	Page No. - 4	Page No. - 4
Kristeel Make		Y	30	1400	1825	3900
Code				2914	2915	3746
Catalog				Page No. - 7	Page No. - 7	Page No. - 7
Precision - Standard Rs.	12	Y	20	1430	2000	3600
Precision - Premium Rs.	12	Y	20	1800	2450	5100
Mitutoyo Rs.- with fine	12	N	5	2887	3640	7530
Code				532-119	532-120	532-121
Catalog				Page No. - 5	Page No. - 5	Page No. - 5
Mitutoyo Rs.- No fine	12	N	5	2234	2949	6463
Code				530-312	530-118	530-119
Catalog				Page No. - 5	Page No. - 5	Page No. - 5

Note:- Aerospace item once sold will not be taken back even if it is Faulty.

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

Spares & Repair

Large Gib	Top screw	Small Gib	Fine Adj. - Roller		End stopper	Depth Rod			Jaw Error			Thumb
Rs. 40	Rs. 30	Rs. 30	Rs. 200	Rs. 300	Rs. 40	Rs. 200	Rs. 250	Rs. 300	Rs. 400	Rs. 500	Rs. 600	Rs. 200

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

VERNIER CALIPER



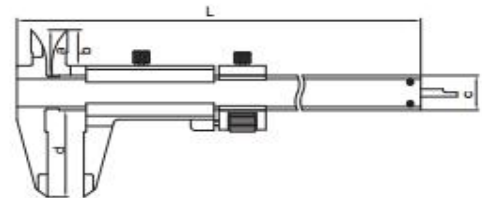
1233-130

Graduation 0.02mm (mm)

Code	Range	Accuracy	L	a	b	c	d
1233-1301	0-130mm	±0.03mm	230	20.5	16.5	16	40
1233-1801	0-180mm	±0.03mm	295	23.5	19	16	50
1233-2801	0-280mm	±0.03mm	410	26	20	20	60

Graduation 0.02mm/0.001" (mm)

Code	Range	Accuracy	L	a	b	c	d
1233-130	0-130mm/0-5"	±0.03mm	230	20.5	16.5	16	40
1233-180	0-180mm/0-7"	±0.03mm	295	23.5	19	16	50
1233-280	0-280mm/0-11"	±0.03mm	410	26	20	20	60



- Meet DIN862
- With fine adjustment
- Made of stainless steel
- Satin chrome plated reading surface



1205-150S

Graduation 0.02mm (mm)

Code	Range	Accuracy	L	a	b	c	d
1205-1501S	0-150mm	±0.03mm	235	20.5	15.5	16	40
1205-2001S	0-200mm	±0.03mm	290	23.5	19	16	50
1205-3001S	0-300mm	±0.03mm	414	27.5	22	20	64

Graduation 0.02mm/0.001" (mm)

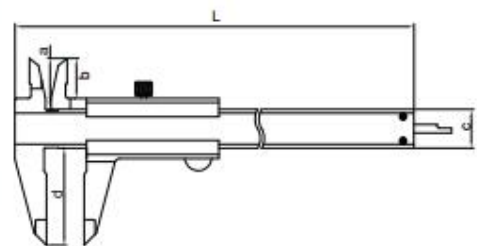
Code	Range	Accuracy	L	a	b	c	d
1205-1502S	0-150mm/0-6"	±0.03mm	235	20.5	15.5	16	40
1205-2002S	0-200mm/0-8"	±0.03mm	290	23.5	19	16	50
1205-3002S	0-300mm/0-12"	±0.03mm	414	27.5	22	20	64

Graduation 0.05mm (mm)

Code	Range	Accuracy	L	a	b	c	d
1205-1503S	0-150mm	±0.05mm	235	20.5	15.5	16	40
1205-2003S	0-200mm	±0.05mm	290	23.5	19	16	50
1205-3003S	0-300mm	±0.05mm	414	27.5	22	20	64

Graduation 0.05mm/1/128" (mm)

Code	Range	Accuracy	L	a	b	c	d
1205-150S	0-150mm/0-6"	±0.05mm	235	20.5	15.5	16	40
1205-200S	0-200mm/0-8"	±0.05mm	290	23.5	19	16	50
1205-300S	0-300mm/0-12"	±0.05mm	414	27.5	22	20	64



- Meet DIN862
- Made of stainless steel
- Satin chrome plated reading surface

BAKER MAKE



CALIPERS

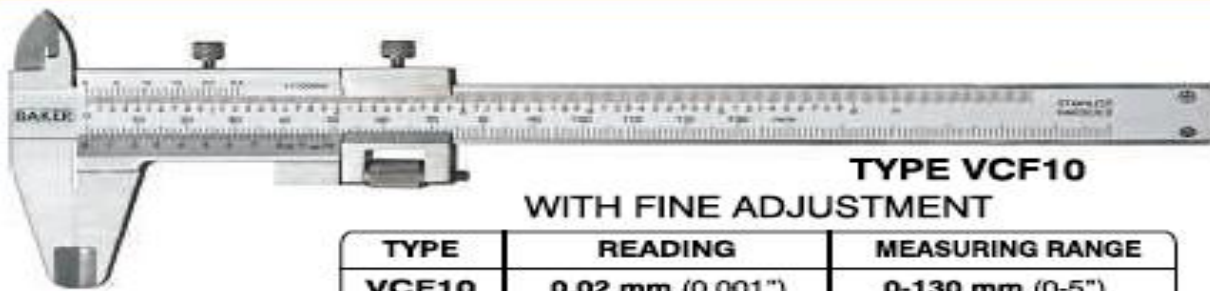
DIAL CALIPERS

PRODUCT CODE	DESCRIPTION	UNIT RATE ₹
D85049000	BAKER Dial Caliper Type DC10 with adjustable Bezel. Reading : 0.02 mm Range : 0 - 150 mm	2,610.00
D85059000	BAKER Dial Caliper Type DC20 with adjustable Bezel. Reading : 0.02 mm Range : 0 - 200 mm	4,370.00
D85069000	BAKER Dial Caliper Type DC30 with adjustable Bezel. Reading : 0.02 mm Range : 0 - 300 mm	5,820.00

VERNIER CALIPERS

PRODUCT CODE	DESCRIPTION	UNIT RATE ₹
D85079000	BAKER Vernier Caliper Type VC10 with metric & inch capability Reading : 0.02 mm / 0.001 inch Range : 0 - 150 mm / 0 - 6 inch	1,880.00
D85089000	BAKER Vernier Caliper Type VC20 with metric & inch capability Reading : 0.02 mm / 0.001 inch Range : 0 - 200 mm / 0 - 8 inch	2,970.00
D85099000	BAKER Vernier Caliper Type VC30 with metric & inch capability Reading : 0.02 mm / 0.001 inch Range : 0 - 300 mm / 0 - 12 inch	5,950.00
D85019000	BAKER Vernier Caliper Type VCF10 with fine adjustment and metric & inch capability Reading : 0.02 mm / 0.001 inch Range : 0 - 130 mm / 0 - 5 inch	2,130.00
D85029000	BAKER Vernier Caliper Type VCF20 with fine adjustment and metric & inch capability Reading : 0.02 mm / 0.001 inch Range : 0 - 180 mm / 0 - 7 inch	3,150.00
D85039000	BAKER Vernier Caliper Type VCF30 with fine adjustment and metric & inch capability Reading : 0.02 mm / 0.001 inch Range : 0 - 280 mm / 0 - 11 inch	6,210.00
D85109000	BAKER Vernier Caliper Type VCF45 with fine adjustment and metric & inch capability Reading : 0.02 mm / 0.001 inch Range : 0 - 430 mm / 0 - 17 inch	16,900.00
D85119000	BAKER Vernier Caliper Type VCF60 with fine adjustment and metric & inch capability Reading : 0.02 mm / 0.001 inch Range : 0 - 580 mm / 0 - 23 inch	20,800.00
D85129000	BAKER Vernier Caliper Type VCF80 with fine adjustment and metric & inch capability Reading : 0.02 mm / 0.001 inch Range : 0 - 780 mm / 0 - 31 inch	31,300.00
D85139000	BAKER Vernier Caliper Type VCF100 with fine adjustment and metric & inch capability Reading : 0.02 mm / 0.001 inch Range : 0 - 980 mm / 0 - 39 inch	40,800.00

VERNIER CALIPERS

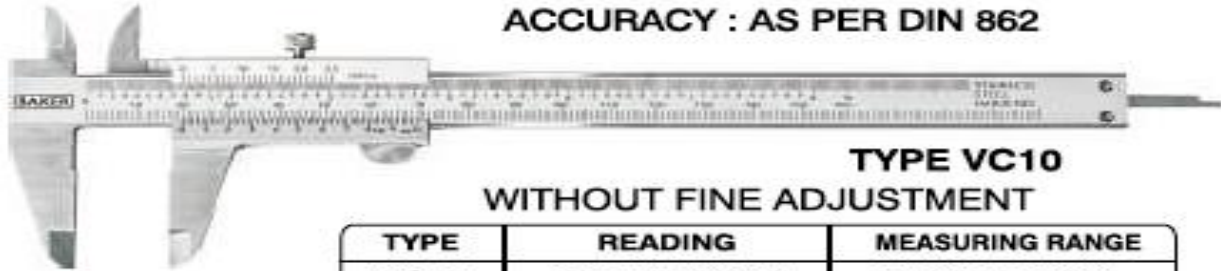


TYPE VCF10

WITH FINE ADJUSTMENT

TYPE	READING	MEASURING RANGE
VCF10	0.02 mm (0.001")	0-130 mm (0-5")
VCF20	0.02 mm (0.001")	0-180 mm (0-7")
VCF30	0.02 mm (0.001")	0-280 mm (0-11")

ACCURACY : AS PER DIN 862



TYPE VC10

WITHOUT FINE ADJUSTMENT

TYPE	READING	MEASURING RANGE
VC10	0.02 mm (0.001")	0-150 mm (0-6")
VC20	0.02 mm (0.001")	0-200 mm (0-8")
VC30	0.02 mm (0.001")	0-300 mm (0-12")

MITUTOYO MAKE

Vernier Caliper

SERIES 532 — with Fine Adjustment

FEATURES

- Provided with a fine-adjustment carriage to feed the slider finely.
- Can measure OD, ID, depth, and steps.



532-101

Technical Data

Accuracy: $\pm 0.03\text{mm}$ ($\leq 180\text{mm}$), $\pm 0.04\text{mm}$ ($\leq 280\text{mm}$)
 Graduation: 0.02mm, 0.02mm (0.001") or .001" (1/128")

SPECIFICATIONS

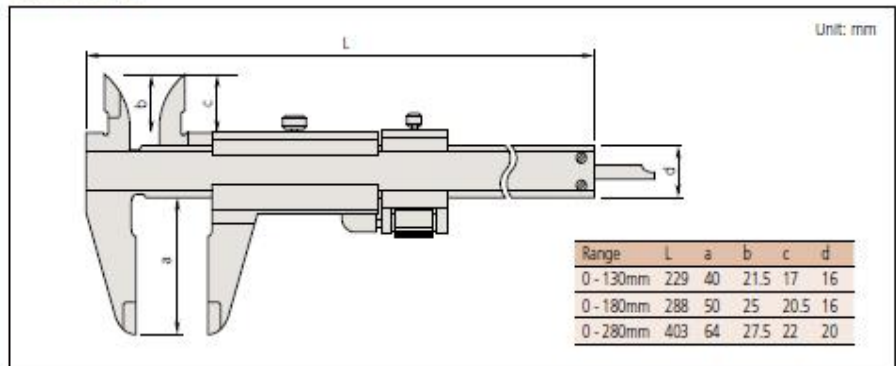
Metric				
Range	Order No.	Remarks (depth measuring bar / second scale graduation / others)		
0 - 130mm	532-101	Blade	—	with fine adjustment carriage
0 - 180mm	532-102	Blade	—	with fine adjustment carriage
0 - 280mm	532-103	Blade	—	with fine adjustment carriage

Metric/Inch with metric/inch double scale

Range	Order No.	Remarks (depth measuring bar / second scale graduation / others)		
0 - 130mm	532-119	Blade	.001 "	with fine adjustment carriage
0 - 180mm	532-120	Blade	.001 "	with fine adjustment carriage
0 - 280mm	532-121	Blade	.001 "	with fine adjustment carriage

Inch with inch/inch double scale

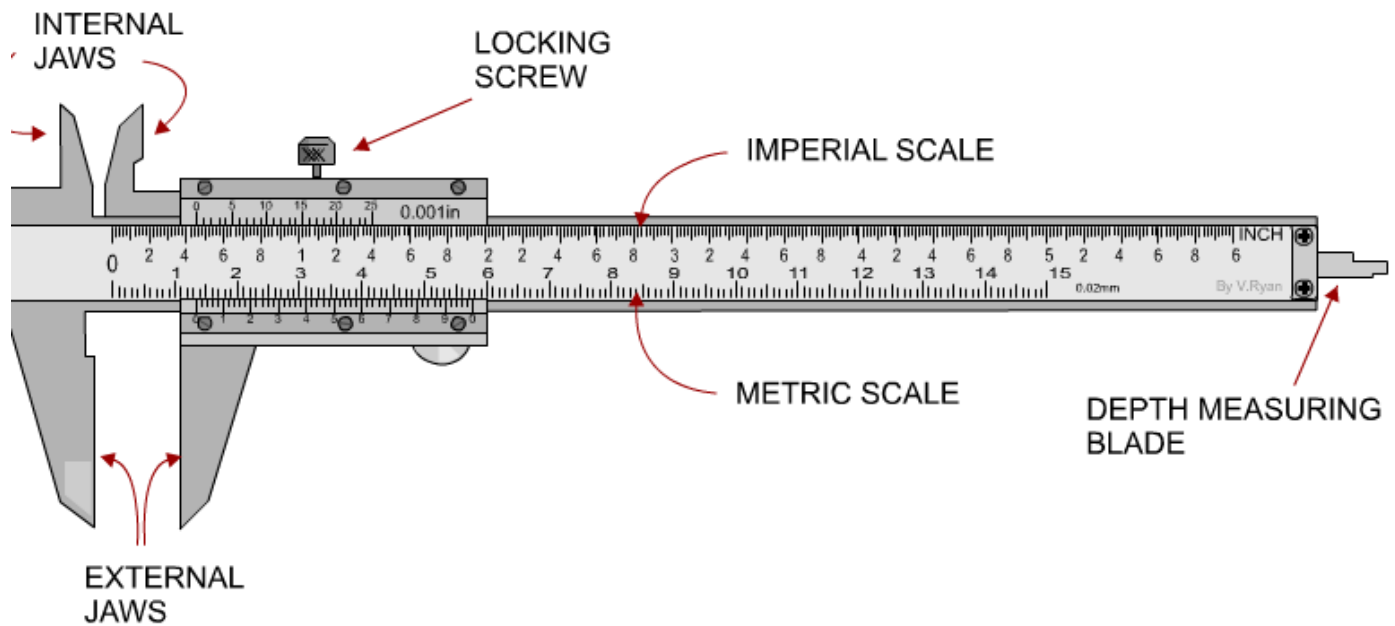
Range	Order No.	Remarks (depth measuring bar / second scale graduation / others)		
0 - 5"	532-104	Blade	1/128"	with fine adjustment carriage
0 - 7"	532-105	Blade	1/128"	with fine adjustment carriage
0 - 11"	532-106	Blade	1/128"	with fine adjustment carriage

DIMENSION**THE VERNIER CALIPER - MANUAL VERSION**

V. Ryan © 2004 - 2010

The Vernier Caliper is a precision instrument that can be used to measure internal and external distances extremely accurately. The example shown below is a manual caliper. Measurements are interpreted from the scale by the user. This is more difficult than using a digital vernier caliper which has an LCD digital display on which the reading appears. The manual version has both an imperial and metric scale.

Manually operated vernier calipers can still be bought and remain popular because they are much cheaper than the digital version. Also, the digital version requires a small battery whereas the manual version does not need any power source.



HOW TO READ A MEASUREMENT FROM THE SCALES

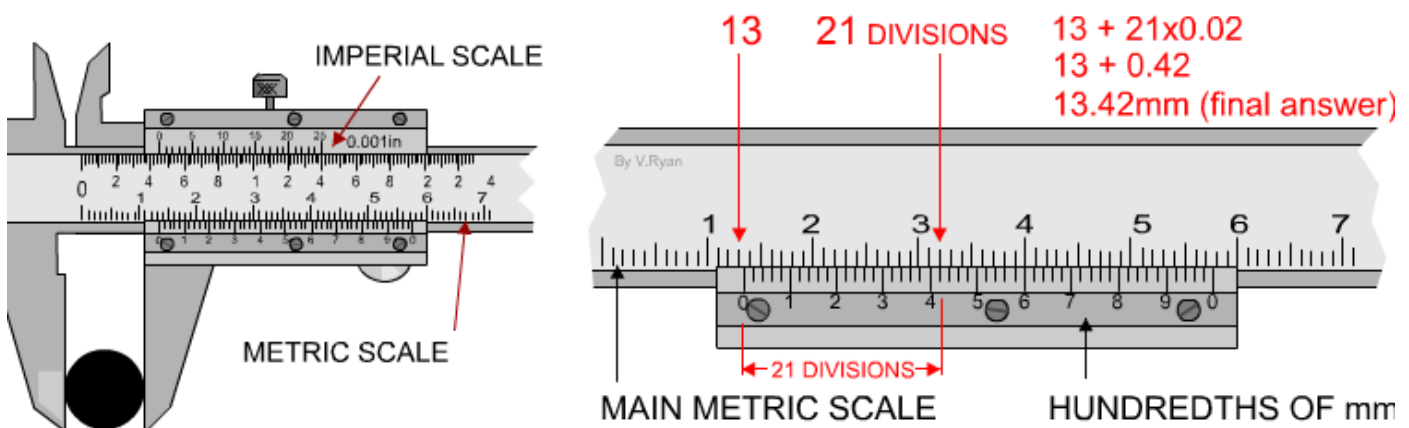
EXAMPLE 1: The external measurement (diameter) of a round section piece of steel is measured using a vernier caliper, metric scale.

MATHEMATICAL METHOD

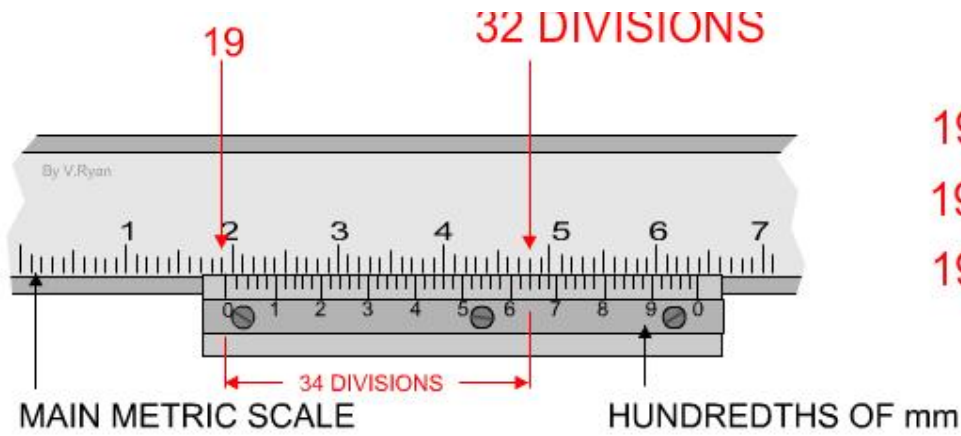
- The main metric scale is read first and this shows that there are 13 whole divisions before the 0 on the hundredths scale. Therefore, the first number is 13.
- The 'hundredths of mm' scale is then read. The best way to do this is to count the number of divisions until you get to the division that lines up with the main metric scale. This is 21 divisions on the hundredths scale.
- This 21 is multiplied by 0.02 giving 0.42 as the answer (each division on the hundredths scale is equivalent to 0.02mm).
- The 13 and the 0.42 are added together to give the final measurement of 13.42mm (the diameter of the piece of round section steel)

COMMONSENSE METHOD

Alternatively, it is just as easy to read the 13 on the main scale and 42 on the hundredths scale. The correct measurement being 13.42mm.



EXAMPLE 2: (To zoom in to see the scale - right click mouse and select zoom)



$$19 + 32 \times 0.02$$

$$19 + 0.64$$

$$19.64\text{mm (final answer)}$$

KRISTEEL MAKE

B. VERNIER CALIPER (With Fine Adjustment Monoblock)

Model No.	Range
2914	150mm (6")
2915	200mm (8")
3746	300mm (12")

Least Count – 0.02mm/0.0007"

Features: -

1. Metric and English Graduations.
2. Fine Adjustment Carriage to feed the Slider Finely.
3. Can Measure OD, ID, Depth and Steps.
4. Laser engraved black scale graduation and text.
5. Supplied with Calibration Certificate

M&W MAKE

Vernier Caliper



(0.02mm / 0.001")

CODE	RANGE	PRICE
VCF 150	0-150 mm / 6"	1,100/-
VCF 200	0-200 mm / 8"	1,450/-
VCF 300	0-300 mm / 12"	2,700/-
VCF 450	0-450 mm / 18"	6,500/-
VCF 600	0-600 mm / 24"	6,800/-
VCF 1000	0-1000 mm / 40"	16,000/-

(0.05mm / 1/28")

CODE	RANGE	PRICE
VC 150	0-150 mm / 6"	1,400/-
VC 200	0-200 mm / 8"	1,800/-