



# 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

45 | Height Gauge [ Simple 0.02 mm ]

Range-mm	W	C	D %	0-300	0-450	0-600	0-1000	0-1500
Insize Rs.	12	N		10670	15302	16374	75125	
Code				<b>1250-300</b>	<b>1250-450</b>	<b>1250-600</b>	<b>1250-1000</b>	
Catalog				Page No. - 2	Page No. - 2	Page No. - 2		
Aerospace Rs.		N	10	3500	5500	6000	21500	45000
Catalog				Page No. - 3	Page No. - 3	Page No. - 3	Page No. - 3	Page No. - 3
M & W Rs.	6	N		5200	8300	9200	29000	
Code				<b>HG300</b>	<b>HG450</b>	<b>HG600</b>	<b>HG1000</b>	
Catalog				Page No. - 7,8	Page No. - 7,8	Page No. - 7,8		
Kristeel Rs.		N	30	7200	10300	15450		
Code				<b>HG - 12</b>	<b>HG - 18</b>	<b>HG - 24</b>		
Catalog				Page No. - 4	Page No. - 4	Page No. - 4		
Precision Rs.	12	Y	20	9300				
Mitutoyo Rs.	12	N	5	18574	36144	46184	107428	240694
Code				<b>514-103</b>	<b>514-105</b>	<b>514-107</b>	<b>514-109</b>	<b>514-170</b>
Catalog				Page No. - 5 ,6	Page No. - 5 ,6	Page No. - 5 ,6	Page No. - 5 ,6	Page No. - 5 ,6

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

\*\*\* 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

## VERNIER HEIGHT GAGE

- Graduation: 0.02mm/0.001"
- Adjustable main scale to set zero
- Carbide tipped scriber
- Made of stainless steel (except the base)
- Satin chrome plated scale
- Supplied with magnifier
- With fine adjustment
- Supplied with dust cover
- Optional accessory: dial test indicator holder (code 6293-6)

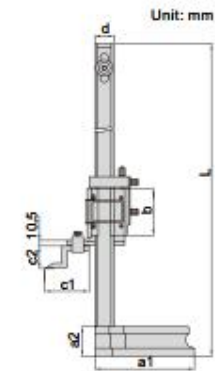
supplied with dust cover



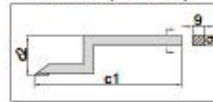
1250-300

(mm)

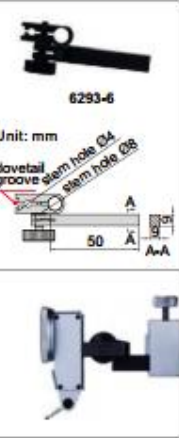
Code	Range	Accuracy	L	a1	a2	b	c1	c2	d
1250-300	0-300mm/0-12"	±0.04mm	545	135	43	75	80	30	28
1250-450	0-450mm/0-18"	±0.05mm	720	180	54	85	80	41	35
1250-600	0-600mm/0-24"	±0.05mm	870	180	54	85	80	41	35



scraper (included)



dial test indicator holder (optional)



# KRISTEEL MAKE

## HEIGHT GAUGE

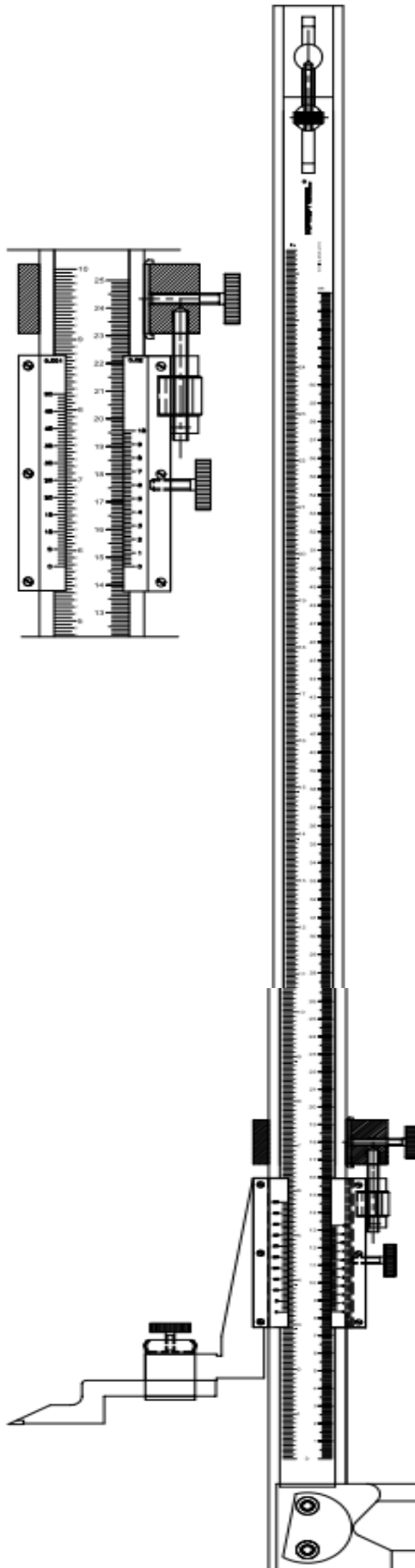
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### HEIGHT GAUGE

A precise instrument for measuring & marking on work piece in tool room & Q. C. department. The Height gauge comes to you with rich chrome plate matt finish rule and is made of high quality stainless steel available in size of 300 mm 450 mm and 600 mm, with least count of 0.02 mm. This world class instrument comes to you in a handsome and durable packing.

Model	Length
HG – 12	300 mm
HG – 18	450 mm
HG – 24	600 mm



MATERIAL :- Stainless Steel  
 RANGE :- 0 TO 12"  
 LEASTCOUNT :- 0.02 mm / 0.001"  
 FINISH :- Rulers are satin Chrome plated  
 and other parts Fine Polished

USES :- To check and mark any external dimns .  
 In Tool Room , Quality Dept.

**FEATURES :-**

1. ADJUSTABLE MAIN SCALE TO ADJUST ZERO REFERENCE POINT
2. SCALE HAVING BOTH ENGLISH AS WELL AS METRIC GRADUATIONS
3. LARGE BASE FOR RIGIDITY
3. CARBIDE TIPPED SCRIBER FOR MARKING
4. PACKED IN WOODEN BOX TO AVOID DAMAGES

AVAILABLE OTHER MODELS :- 12" , 18" AND 24"

**How to Read a KRISTEEL 50-Division Vernier Height Graduated in Inch and Millimeter (Direct Reading)**

**Inch Reading**

- Refer to the left side bar graduations and the Inch vernier plate. Inches are numbered in sequence over the full range of the bar. Every second graduation between the inch lines is numbered and equals .100". Each bar graduation is .050".
- The vernier plate is divided into 50 parts, each representing .001". Every fifth line is numbered - 5, 10, 15 . . . 45, 50 - for easy counting.
- To read the gage, first count how many inches and how many .050" lines lie between the zero line on the bar and the zero line on the vernier plate and add them.
- Then count the number of graduations on the vernier plate from its zero line that coincides with a line on the bar. Multiply the number of vernier plate graduations you counted by .001" and add this figure to the number of inches and .050" lines you counted on the bar. This is your total reading.

**Example**

In the photo, the vernier plate zero line is five inches (5.000") plus .750" beyond the zero line on the bar, or 5.750". The 25th graduation on the vernier plate coincides with a line on the bar (as indicated by stars). 25 x .001 (.025") is therefore added to the 5.750" bar reading, and the total reading is 5.775".

**Millimeter Reading**

- Refer to the right side bar graduations and millimeter vernier plate. Each bar graduation is 1.00 mm. Every tenth graduation is numbered in sequence - 10 mm, 20 mm, 30 mm, etc. - over the full range of the bar. This provides for direct reading in millimeters.
- The vernier plate is divided into 50 parts, each representing 0.02 mm. Every fifth line is numbered in sequence - 0.10 mm, 0.20 mm, 0.30 . . . 0.80 mm, 0.90 mm - providing for direct reading in hundredths of a millimeter.

- Then find the graduation on the vernier plate that coincides with a zero line on the bar and the zero line on the vernier plate.
- To read the gage, first count how many millimeters lie between the line on the bar and note its value in hundredths of a millimeter. Add the vernier plate reading in hundredths of a millimeter to the number of millimeters you counted on the bar. This is your total reading.

**Example**

In the photo, the vernier plate zero line is 146 millimeters beyond the zero line on the bar, and the 0.68 mm graduation on the vernier plate coincides with a line on the bar (as indicated by stars). 0.68 millimeters is therefore added to the 146 millimeter bar reading, and the total reading is 146.68 millimeters.

# MITUTOYO MAKE

## Vernier Height Gage

**SERIES 506 — Light Weight Height Gage**

### FEATURES

- Light weight type can measure easily the height of small parts.
- Stain chrome finished scales for glare-free reading.
- Beam and slider are made of stainless steel.
- Carbide-tipped scriber is provided.

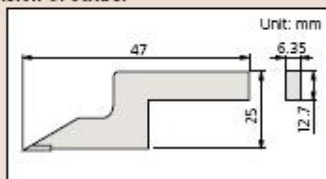
### Technical Data

Accuracy:  $\pm 0.03\text{mm}$  ( $\leq 200\text{mm}$ ),  $\pm 0.04\text{mm}$  ( $\leq 250\text{mm}$ )  
 Graduation: 0.02mm or .001" (0.02mm)

### Standard Scriber Provided

Carbide-tipped scriber (900173) and scriber clamp (901338)

### Dimension of scriber



### Optional Accessory

- 953639: Holding bar for test indicator (length: 50mm)  
 900322: Swivel clamp used with holding bar



### SPECIFICATIONS

#### Metric

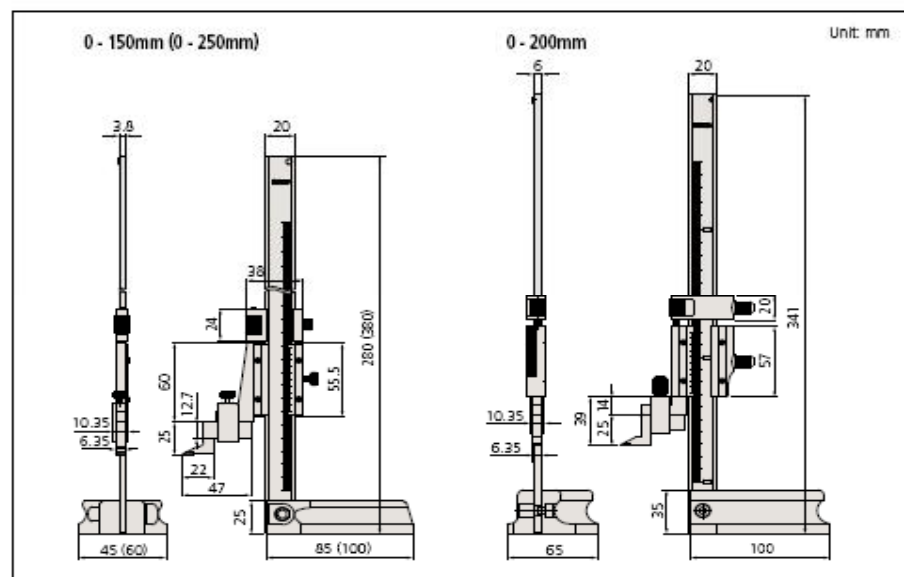
Range	Order No.	Accuracy	Remarks (R / L scale graduations)
0 - 150mm	506-201	$\pm 0.03\text{mm}$	0.02mm —
0 - 200mm	506-207	$\pm 0.03\text{mm}$	0.02mm —
0 - 250mm	506-204	$\pm 0.04\text{mm}$	0.02mm —

#### Inch/Metric

Inch model with inch/metric double scale

Range	Order No.	Accuracy	Remarks (R / L scale graduations)
0 - 6"	506-202	$\pm .001"$	.001" 0.02mm
0 - 8"	506-208	$\pm .001"$	.001" 0.02mm
0 - 10"	506-205	$\pm .0015"$	.001" 0.02mm

### DIMENSION



# Vernier Height Gage

**SERIES 514 — Standard Height Gage with adjustable Main Scale**

## FEATURES

- Zero reference point can be adjusted.
- Stain chrome finished scales for glare-free reading.
- Extra-large base for rigidity.
- Final vernier readings can be assisted by an optional magnifier.
- Carbide-tipped scriber is provided.



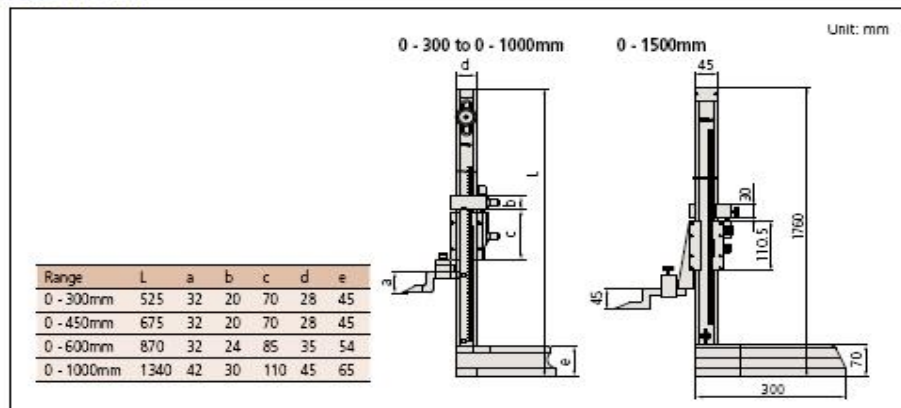
514-102

## SPECIFICATIONS

Metric							
Range	Order No.	Accuracy	Remarks (R / L scale graduations / scale adjustment / slider fine feed / others)				
0 - 300mm	514-102	±0.04mm	0.02mm	—	15mm	4mm	—
0 - 450mm	514-104	±0.05mm	0.02mm	—	15mm	4mm	—
0 - 600mm	514-106	±0.05mm	0.02mm	—	15mm	7mm	—
0 - 1000mm	514-108	±0.07mm	0.02mm	—	25mm	6mm	—
0 - 1500mm	514-170	±0.18mm	0.02mm	—	25mm	20mm	Provided with magnifier

Inch/Metric — Inch model with inch/metric double scale							
Range	Order No.	Accuracy	Remarks (R / L scale graduations / scale adjustment / slider fine feed / others)				
0 - 12"	514-103	±.002"	.001"	0.02mm	.6"	.16"	—
0 - 18"	514-105	±.002"	.001"	0.02mm	.6"	.16"	—
0 - 24"	514-107	±.002"	.001"	0.02mm	.6"	.27"	—
0 - 40"	514-109	±.003"	.001"	0.02mm	1"	.24"	—

## DIMENSION



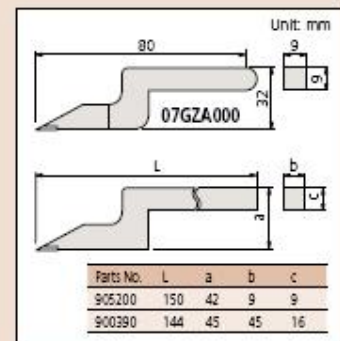
## Technical Data

Accuracy: ±0.04mm (≤300mm), ±0.05mm (≤600mm), ±0.07mm (≤1000mm), ±0.18mm (≤1500mm)  
 Graduation: 0.02mm or .001" (0.02mm)  
 Main scale adjustment: 15mm or 25mm  
 Slider fine feed: 4mm, 6mm, 7mm or 20mm

## Standard Scriber Provided

Up to 600mm: Carbide-tipped scriber (07GZA000) and scriber clamp (05GZA033)  
 0 - 1000mm: Carbide-tipped scriber (905200) and scriber clamp (05GZA033)  
 0 - 1500mm: Carbide-tipped scriber (900390) and scriber clamp (905008)

## Dimension of scriber



## Optional Accessory

07GZA003: Magnifier for 300, 450mm, 600mm models  
 07GZA015: Magnifier for 1000mm models  
 953638: Holding bar for test indicator (length: 50mm)  
 902053: Swivel clamp used with holding bar



# M&W MAKE

**Features :**

Zero reference point can be adjusted for calibration

Super solid heavy base for greater stability and rigidity

with magnifying glass



<b>Range</b>	<b>Reading</b>
0-300mm/12"	0.02MM/0.001"
0-450mm/18"	0.02MM/0.001"
0-600mm/24"	0.02MM/0.001"
0-1000mm/40"	0.02MM/0.001"
0-1500mm/60"	0.02MM/0.001"

**Features :**

- Right hand type for easy use, clear crisp black graduations on a stain chrome finish for glare free reading.
- Provided with carbide tipped scriber.
- Fine adjustable carriage to feed the slider finely.
- Equipped with adjustable sliding scale.
- Provided with magnifier reading glass for easy reading.
- Super solid base for greater stability.



<b>Range</b>	<b>Reading</b>
0-300mm/12"	0.02MM/0.001"
0-450mm/18"	0.02MM/0.001"
0-600mm/24"	0.02MM/0.001"
0-1000mm/40"	0.02MM/0.001"