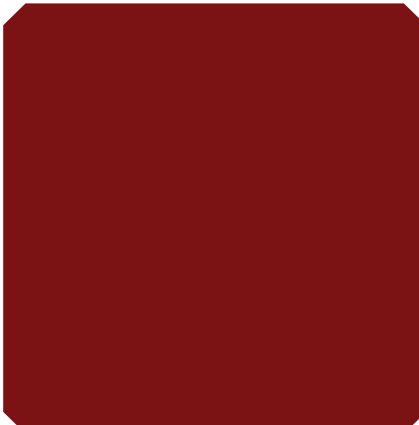
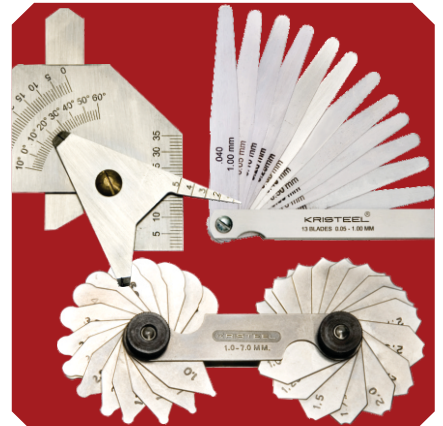
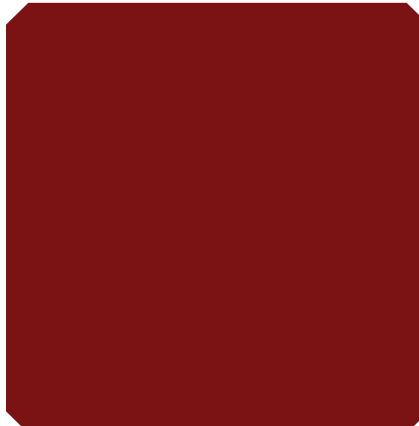


# KRISTEEL - Shinwa®



*Decades of Engineering Excellence*

AN ISO 9001 COMPANY

# KRISTEEL - Shinwa®



## WORKS

## CORPORATE OFFICE



## COMPANY PROFILE

**Kristeel–Shinwa Industries Ltd.**, a member of the KRISLON GROUP OF COMPANIES, was established in 1973. It was set up in technical collaboration with Shinwa Rules Company Limited, Japan, the largest manufacturer of stainless steel rules and measuring instruments in Asia.

KRISTEEL–SHINWA has the largest share of the Indian market and is the most preferred choice in the International market for Stainless Steel Precision Rules & Gauges. KRISTEEL has its headquarters in Mumbai & its state of the art manufacturing set-up is located at Silvassa. The factory is laid out to the collaborators exacting standards, with plant & equipments, imported from USA, Italy and Germany. Ongoing R & D, stringent quality control, inspection and constant up-gradation of plant and machinery makes KRISTEEL products the most preferred brand in Indian industry today.

Also mention worthy is the certification we have received for our precision measuring rules by the European Economic Community (EEC) for accuracy as per Class–I and II standards. We are also certified as ISO 9001–2008 company by TUV, Suddeutschland Group, Germany and are now working towards following 6 Sigma Management practices.

**Kristeel** has been adhering to stringent international norms for each of its manufacturing processes. Kristeel aims towards '0' defect manufacturing through its Total Quality Management methods and attention to detail. Also, a strict Statistical Process Control System in each stage of the manufacturing process is followed. This ensures that there is no compromise in quality.

However, the point we are about to make here is not about what recognition we have received, but about where do we go from here.

....“In the pursuit of excellence, there is no finishing line”. This is a philosophy that permeates through every single member of the **Kristeel–Shinwa** family. Which is why, we have always tried to surpass our own achievements. Take for instance, our zero defect manufacturing, the class 10,000 clean room, TQM practices, ISO 9001–2008 certification, EEC–norm certification from **Ministry of Belgium, Metrology Department**.

Now, we are working with renewed vision, die–hard determination, incessant inspiration to do better than before, offering the customer unmatched precision, accuracy and reliability. We, at **Kristeel** have always believed about investing in latest technology by importing and updating our production capabilities with the latest machinery. We have just installed at our facility a state of the art Laser Etching machine from Germany. We can now deliver parts to our customers within 24 hours on receipt of their orders.



# I N D E X

**1 Measuring Instruments**

**2 Engineering Gauges**

**3 Wood Working Tools**

**4 Jewellery Tools**

**5 Marking Tools & Kits**

## STAINLESS STEEL RULERS

Kristeel can manufacture any Graduation type for all possible lengths.

### MODEL 301



#### METRIC AND ENGLISH

FRONT SIDE: Top edge 1/2 mm, mm.

Bottom edge 1/16ths, 1/32nds, 1/64ths.

REVERSE SIDE: Conversion Table

inches to mm

| Model No. | Length      | Width | Thickness |
|-----------|-------------|-------|-----------|
| 301 A 5   | 150mm/6 in  | 15 mm | 0.5 mm    |
| 301 C 5   | 300mm/12 in | 25 mm | 0.5 mm    |
| 301 C 8   | 300mm/12 in | 25 mm | 0.8 mm    |
| 301 C 10  | 300mm/12 in | 25 mm | 1.0 mm    |
| 301 E 10  | 600mm/24 in | 30 mm | 1.0 mm    |
| 301 E 12  | 600mm/24 in | 30 mm | 1.2 mm    |

### MODEL 401



#### METRIC AND ENGLISH

FRONT SIDE: Top edge 1/2 mm, mm.

Bottom edge 1/16ths, 1/32nds, 1/64ths.

REVERSE SIDE: Conversion Table inches to mm

| Model No. | Length        | Width | Thickness |
|-----------|---------------|-------|-----------|
| 401 A 5   | 150 mm/6 in   | 15 mm | 0.5 mm    |
| 401 C 8   | 300 mm/12in   | 25 mm | 0.8 mm    |
| 401 C 10  | 300 mm/12in   | 25 mm | 1.0 mm    |
| 401 E 10  | 600 mm/24in   | 25 mm | 1.0 mm    |
| 401 F 12  | 1000 mm/36in  | 35 mm | 1.2 mm    |
| 401 G 15  | 1200 mm/48in  | 35 mm | 1.5 mm    |
| 401 J 20  | 2000 mm/79in  | 35 mm | 2.0 mm    |
| 401 K 20  | 3000 mm/118in | 40 mm | 2.0 mm    |

### MODEL 101 STAINLESS STEEL METRIC RULER WITH CHROME FINISH AND RED MARKING



Kristeel proudly launches high quality, high accuracy stainless steel rulers with antiglare Satin chrome finish rulers with metric Graduation on one side and Inch Graduation on the reverse side with 32nds & 64th marking. The major number marking like 50, 100, 150, 200, 250 ..... are mentioned in Bold Fonts & Red Marking for ease in reading. The graduated length accuracy is EEC – I. The rulers are nicely packed in PVC Pouches.

| Model No. | Length      | Width | Thickness |
|-----------|-------------|-------|-----------|
| 101 A 5   | 150 mm/6in  | 15 mm | 0.5 mm    |
| 101 C 10  | 300 mm/12in | 25 mm | 1.0 mm    |
| 101 E 10  | 600 mm/24in | 25 mm | 1.0 mm    |

### MODEL 701



#### NARROW FLEXIBLE RULES

METRIC ONLY

FRONT SIDE: Top edge 1/2 mm,

Bottom edge mm.

| Model No. | Length  | Width | Thickness |
|-----------|---------|-------|-----------|
| 701 A 5   | 150 mm  | 13 mm | 0.5 mm    |
| 701 B 5   | 200 mm  | 15 mm | 0.5 mm    |
| 701 C 5   | 300 mm  | 15 mm | 0.5 mm    |
| 701 D 5   | 600 mm  | 20 mm | 0.5 mm    |
| 701 E 5   | 1000 mm | 25 mm | 0.5 mm    |

## MODEL 801



## METRIC AND ENGLISH

FRONT SIDE: Top edge mm, Bottom edge 1/2 mm.

REVERSE SIDE: Top edge 1/10ths, 1/20ths, 1/50ths.

Bottom edge 1/16ths, 1/32nds, 1/64ths

| Model No. | Length       | Width | Thickness |
|-----------|--------------|-------|-----------|
| 801 A 5   | 150 mm/6 in  | 15 mm | 0.5 mm    |
| 801 C 8   | 300 mm/12 in | 25 mm | 0.8 mm    |
| 801 C 10  | 300 mm/12 in | 25 mm | 1.0 mm    |

## MODEL 901



## SQUARE ENDED/METRIC OR ENGLISH\*

METRIC: Top edge 1/2 mm, Bottom edge mm;

ENGLISH: Top edge 1/10ths, 1/20ths, 1/50ths

Bottom edge 1/16ths, 1/32nds, 1/64ths,

\* Please specify when ordering.

| Model No. | Length       | Width | Thickness |
|-----------|--------------|-------|-----------|
| 901 A 5   | 150 mm/6 in  | 15 mm | 0.5 mm    |
| 901 A 10  | 150 mm/6 in  | 15 mm | 1.0 mm    |
| 901 C 8   | 300 mm/12 in | 25 mm | 0.8 mm    |
| 901 C 10  | 300 mm/12 in | 25 mm | 1.0 mm    |

## MODEL 1202

POCKET CLIP RULE - DEPTH GAUGE COMBINATION  
METRIC AND ENGLISH

FRONT SIDE: Top edge 1/2 mm, mm,

Bottom edge Inches.

| Model No. | Length       | Width | Thickness |
|-----------|--------------|-------|-----------|
| 1202      | 150mm / 6 in | 6 mm  | 0.5 mm    |

## MODEL 1302

POCKET CLIP RULE-COMBINATION DEPTH GAUGE  
METRIC AND ENGLISH

FRONT SIDE: Top edge 1/2 mm, mm,

Bottom edge 1/16ths, 1/32nds, 1/64ths,

REVERSE SIDE: Conversion Table inches to mm.

| Model No. | Length       | Width | Thickness |
|-----------|--------------|-------|-----------|
| 1302      | 150mm / 6 in | 12 mm | 0.5 mm    |

**NOTE :** The rules can also be supplied in either dull (chrome), polished finish or black chrome as per customers/clients specification.



## MODEL CFR

## CENTRE FINDING RULE



| Model  | Length  |
|--------|---------|
| CFR 6  | 150 mm  |
| CFR 12 | 300 mm  |
| CFR 24 | 600 mm  |
| CFR 36 | 1000 mm |

Centre finding rule is a very unique ruler and it helps in finding the centre of any linear measurement. Available in 6", 12", 24" & 36" lengths. The rules have dual scale - normal graduations on the top edge & half-scale graduations on the opposite edge. To find the centre, just find the identical measurement from the top scale on the lower scale

## MODEL NSR-6, NSR -12, NSR-18, NSR - 24

## NON-SKID RULE



Made in 0.5 mm thick stainless steel with cork backing for antiskid. A very handy tool for draftsmen and artist. Available in sizes : 6", 12" 18" & 24"



| Model  | Length  |
|--------|---------|
| NSR 6  | 150 mm  |
| NSR 12 | 300 mm  |
| NSR 24 | 600 mm  |
| NSR 36 | 1000 mm |

## MODEL HR-6, HR-12

## HOOK RULE



A easy tool for carpenter provided with a hook for ease of operation on work peice. This scale known as 4R rules, each of this has four different scales. One face has 1/8" & 1/16" division, the other 1/32" & 1/64" divisions. The scale have adjustable hooks, meaning that you can slide the hook fully to one side so that it clears the opposite edge. Available in sizes 150 mm & 300 mm

| Model | Length |
|-------|--------|
| HR 6  | 150 mm |
| HR 12 | 300 mm |

## MODEL BCR

BLACK CHROME RULE/  
EASY LOOK RULE

Kristeel has developed an easy look rule with hard black chrome finish. The white graduation on the black background make this rule very user friendly. Especially when required for fine and continuous measurement. The reliability & accuracy remains as per EEC standards.

## RULERS WITH DIFFERENT GRADUATION STYLES



Kristeel Shinwa has over 4 decades of experience in manufacturing International quality steel rules with etched graduations for easy reading thereby making the most reliable precise and accurate product. We manufacture rulers in Accuracy standard of EEC Class I, II & III.

| Model Type   | Overall Rulers size in mm | Ruler End   |
|--------------|---------------------------|-------------|
| 6" Flexible  | 152.4 x 12.7 x 0.5        | SQUARE ENDS |
| 6" Rigid     | 152.4 x 19.05 x 1.0       | SQUARE ENDS |
| 12" Flexible | 304.8 x 12.7 x 0.5        | SQUARE ENDS |
| 12" Rigid    | 304.8 x 25.4 x 1.0        | SQUARE ENDS |
| 18" Flexible | 457.2 x 19.05 x 0.5       | SQUARE ENDS |
| 18" Rigid    | 457.2 x 28.575 x 1.0      | SQUARE ENDS |
| 24" Flexible | 609.6 x 19.05 x 0.5       | SQUARE ENDS |
| 24" Rigid    | 609.5 x 28.575 x 1.0      | SQUARE ENDS |

| Graduation Type | Front Side      | Reverse Side    | Ends      |
|-----------------|-----------------|-----------------|-----------|
| 3R              | 32 NDS, 64 TH   | 10 THS, 50 THS  | SQR, ENDS |
| 4R              | 32 NDS, 64 TH   | 8 THS, 16 THS   | SQR, ENDS |
| 5R              | 32 NDS, 64 TH   | 10 THS, 100 THS | SQR, ENDS |
| 6R              | 10 THS, 50 THS  | No Graduation   | SQR, ENDS |
| 10R             | 32 NDS, 64 TH   | No Graduation   | SQR, ENDS |
| 12R             | 50 THS, 100 THS | No Graduation   | SQR, ENDS |
| 16R             | 32 NDS, 64 TH   | 50 THS, 100 THS | SQR, ENDS |
| ENG/Metric      | 32 NDS, 64 TH   | MM, 1/2 mm      | SQR, ENDS |
| Metric          | MM, 1/2 mm      | No Graduation   | SQR, ENDS |

All Flexible Rulers Thickness is 0.5 mm.

All Rigid Rulers Thickness is 1.0 mm

Finish:- Satin Chrome or Black Chrome Plated.

## MODEL SSC

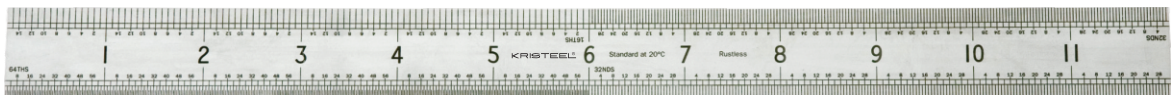
## SIGNATURE SERIES RULES - with Calibration Certificate



Satin Chrome Antiglare Finish. Manufactured from Hardened and Tempered Japanese Stainless Steel. Permanently marked graduations without enamel paint in graduations. Accuracy to EEC - 1 Standards, i.e.  $\pm 0.2\text{mm}$  at  $20^\circ\text{C}$  for 1000 mm Rule. Calibration Certificate conforming accuracy to EEC - I International Standard (Euro Norm). Signature of Guarantee. Least count Measurement Chart. Important formula of Statistics with Charts. Area and Volume Charts. Length Conversion Table.

| Model No. | Length        | Width | Thickness |
|-----------|---------------|-------|-----------|
| SSC - 12  | 300 mm/ 12in  | 30 mm | 1.0 mm    |
| SSC - 24  | 600 mm/24in   | 30 mm | 1.2 mm    |
| SSC - 36  | 1000 mm/ 36in | 35 mm | 1.5 mm    |

## MODEL 503



## ENGLISH ONLY

FRONT SIDE: Top edge 1/10ths, 1/20ths, 1/50ths.

Bottom edge 1/16ths, 1/32nds, 1/64ths.

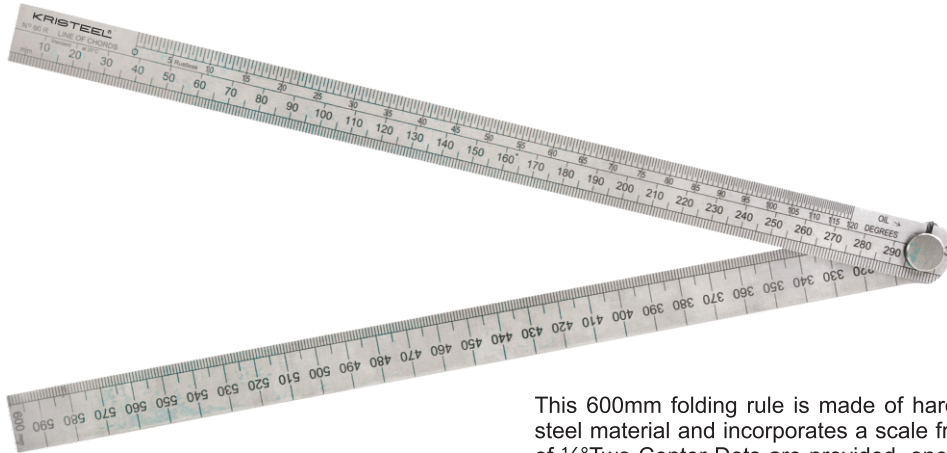
REVERSE SIDE: Decimal Equivalents.

| Model No. | Length | Width | Thickness |
|-----------|--------|-------|-----------|
| 503 A 5   | 6 in   | 15 mm | 0.5 mm    |
| 503 C 8   | 12 in  | 25 mm | 0.8 mm    |
| 503 C 10  | 12 in  | 25 mm | 1.0 mm    |

## LINE OF CHORD RULE

## MODEL 1211

## 600 MM FOLDING RULE WITH ANGLE CALCULATION CHORD



This 600mm folding rule is made of hardened & tempered stainless steel material and incorporates a scale from 0° to 120° in increments of 1/2°. Two Center Dots are provided, one on each blade and with the aid of dividers, the ruler can be set at any angle, or an existing angle can be determined with the line of chords. The circumference scale indicates the circumference by measuring the diameter. It also has Sub Divided mm and Line of Chord Scale on one side. On the other side Sub Divided mm and a Circumference Scale in mm is provided. Each Rule is packed in PVC pouch with instruction Leaflet.

## MODEL 1204, 1205, 1206, 1207, 1208, 1209, 1210

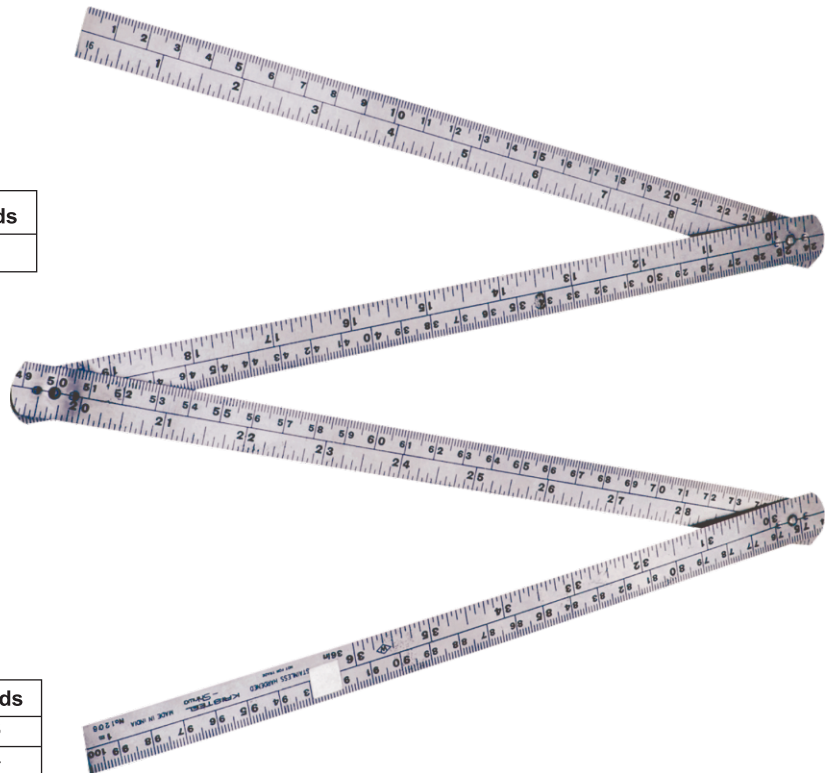
## FOLDING RULE

## METRIC ONLY

Top edge 1/2 mm, mm;

Bottom edge 1/2 mm, mm : 6 Fold

| Model No. | Length  | Width | Thickness | Folds |
|-----------|---------|-------|-----------|-------|
| 1204      | 1000 mm | 15 mm | 0.5 mm    | 6     |



## METRIC AND ENGLISH SIX MODELS

Top edge 1/2 mm, mm;

Bottom edge 1/16ths, 1/32nds, 1/64ths,

| Model No. | Length        | Width | Thickness | Folds |
|-----------|---------------|-------|-----------|-------|
| 1205      | 1000 mm/36 in | 15 mm | 0.5 mm    | 6     |
| 1206      | 1000 mm/36 in | 15 mm | 0.5 mm    | 4     |
| 1207      | 600 mm/24 in  | 22 mm | 0.5 mm    | 2     |
| 1208      | 600 mm/24 in  | 12 mm | 0.5 mm    | 6     |
| 1209      | 600 mm/24 in  | 15 mm | 0.5 mm    | 4     |
| 1210      | 300 mm/12 in  | 12 mm | 0.5 mm    | 3     |



**MODEL BR C  
BR E  
BR F**
**BRASS RULES**


Kristeel also manufacture Precision Brass Rulers.  
 Sizes :- 300 mm, 600 mm, 1000 mm  
 Finish :- Polish

| Model No. | Length | Width | Thickness |
|-----------|--------|-------|-----------|
| BR C      | 300    | 19 mm | 1.2 mm    |
| BR E      | 600    | 19 mm | 1.2 mm    |
| BR F      | 1000   | 19 mm | 1.2 mm    |

**MODEL CSPS -12**
**CENTER FINDER CUM PROTRACTOR SCALE**


This scale is a very precise stainless steel polished rule having metric & English graduations. This scale also have Angle Protractor Marking upto 180°.

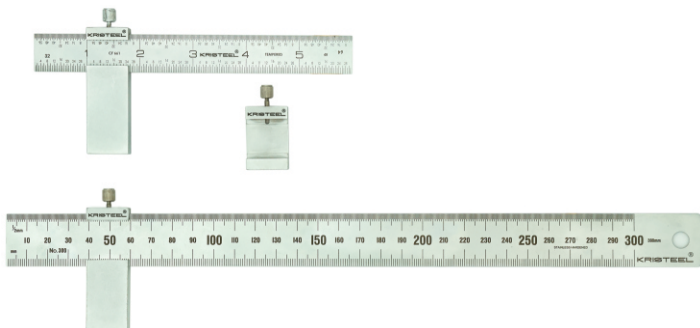
This scale is useful in fabrication to mark angles for cutting the sheet to make different joint. Major application in woodworking industry for marking and also useful in pipe fabrication to mark on sheets.

Range: 0 – 300mm/0 – 12"  
 0 – 180 Degree  
 Scale Width – 35mm

**MODEL SE - 12    SEB - 12  
SE - 24    SEB - 24  
SE - 36    SEB - 36**
**STRAIGHT EDGE  
STRAIGHT EDGE WITH BEVEL**


This is made of tool steel with Hard Chrome Plating. All edges are grounded with straight edge & with precision tolerance. Used to check straightness or flatness of surfaces.

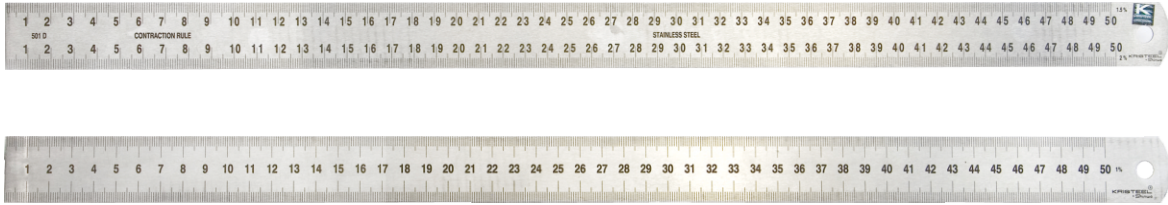
Range: - 12", 24", 36"  
 Finish: - Chrome Plated.

**MODEL RST**
**RULE STOPPERS**


The Stainless Steel Rule stoppers are designed to fit comfortably between thumb & fore finger with raised ridges for a better grip. It can fit rulers from 22.2 mm to 28.5 mm wide & upto 1.2 mm thick with the length ranging from 150mm to 600 mm slide the stop over the ruler & tight it at the desired position. The notched part of the brass adjustment screw ensures even the thinnest rulers to be clamped securely. This ruler's stop has precise application as it provides a solid reference point.

Popularly used in the woodworking industry, general sheet metal fabrication industry.

## CONTRACTION (SHRINKAGE) RULES



| MODEL NO. | LENGTH & CONTRACTION                             |
|-----------|--|
| 501 D     | 500 mm - 3 - Contraction 1 %, 1.5%, 2%           |
| 501 F     | 1000 mm - 3 - Contraction 1 %, 1.5%, 2%          |
| 502 D     | 500 mm - 4 - Contraction 1 .2%, 1.5%, 1 .8%, 3%  |
| 502 F     | 1000 mm - 4 - Contraction 1 .2%, 1.5%, 1 .8%, 3% |
| 503 D     | 500 mm - Single Contraction 2.5%                 |
| 601 D     | 500 mm - Single Contraction 1 %                  |
| 601 F     | 1000 mm - Single Contraction 1 %                 |
| 602 D     | 500 mm - Single Contraction 1 .5%                |
| 602 F     | 1000 mm - Single Contraction 1.5%                |
| 603 D     | 500 mm - Single Contraction 1.8%                 |
| 603 F     | 1000 mm - Single Contraction 1.8%                |
| 604 D     | 500 mm - Single Contraction 2%                   |
| 604 F     | 1000 mm - Single Contraction 2%                  |

|                     |      |                   |
|---------------------|------|-------------------|
| Cast Iron           | ...1 | $\frac{8}{1000}$  |
| Steel & Brass       | ...1 | $\frac{17}{1000}$ |
| Aluminium           | ...1 | $\frac{13}{1000}$ |
| C.I. Malleable Iron | ...1 | $\frac{10}{1000}$ |
| Steel (Stainless)   | ...1 | $\frac{20}{1000}$ |
| Manganese           | ...1 | $\frac{25}{1000}$ |

## CONTRACTION RULES

Contractions not listed can be supplied upon request. Listed above are contractions that apply to most metals in use today. They must not be taken too literally, but use as a guide only. Each user must judge for himself.

## SPECIAL PURPOSE RULER



Apart from our most popular & standard Kristeel rulers, we are also manufacturing “**SPECIAL PURPOSE MACHINE MOUNTING RULERS**” according to your specifications, drawings or samples.

Following are the Salient features of our special purpose rulers:-

- Rules are manufactured using special hardened and tempered Stainless Steel.
- Each Rule are “0” grounded hence the end user can measure Rule from the zero graduation onwards.
- Improves aesthetics of graduated part on your machine, as the operator/user always looks at the graduated part of Machine for settings.
- Kristeel offers World Class EEC – Class I, II & III accuracy for the graduated part.
- Manufactured as per customer specifications & finish (Polished/Hard Chrome). Logo & brief details, etc. can be etched.
- Graduation on different profile can be etched viz., cylindrical, semicircular, radial & linear.
- Main Scale & Vernier mounting Scale available. Also various length of scales like 4000mm, 5000mm, 6000mm, etc.. can also be manufactured.
- Rulers can be offered in polish or chrome finish.
- Rulers can be supplied alongwith calibration certificate on request.

## STEEL PROTRACTOR

## MODEL 1501

## STAINLESS STEEL DEGREE PROTRACTOR(D- HEAD)



## MODEL 1502

## STAINLESS STEEL DEGREE PROTRACTOR (SQUARE-HEAD)



For Machinists, Draughtsmen, layout men & other mechanics.  
Protractor has easy etched reading graduations from 0° to 180° on opposite directions.

- ELEGANT DESIGN
- ACCURATE GRADUATION
- POLISHED FINISH

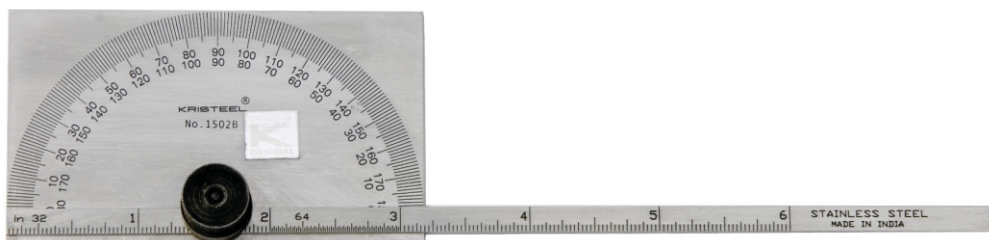
## MODEL 1501 - A

## PROTRACTOR CUM DEPTH GAUGE (D- HEAD)



## MODEL 1502 - B

## PROTRACTOR CUM DEPTH GAUGE (SQUARE-HEAD)



For Machinists, Draughtsmen, layout men & other mechanics.  
Protractor has easy etched reading graduations from 0° to 180° on opposite directions. The protractor also includes depth gauge scale for measuring the depth

- ELEGANT DESIGN
- ACCURATE GRADUATION
- POLISHED FINISH



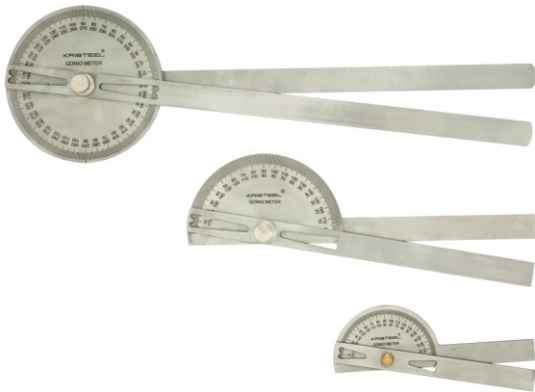
## MODEL DP HD

STAINLESS STEEL DEGREE  
PROTRACTOR GAUGE- HEAVY DUTY

Heavy duty protractor with hollow base. Handy tool for easy marking on works piece in tool room & machine.

| Model  | Arm Length |
|--------|------------|
| DP-HD6 | 150 mm     |
| DP-HD8 | 200 mm     |

## MODEL 3278



## GONIOMETER

Available in individual sizes separately.

A goniometer is used in the medical field to measure a joints range of motion. It can be helpful in determining if a patient is lacking in mobility due to an injury, or how well he is recovering after sustaining an injury. The term "goniometer" comes from two Greek words that mean "angle" and "measure". This is essentially what you are doing when you measure range of motion—measuring an angle.

There are three types Goniometer. 4.5" & 8" have 180° protractor scale halfround.

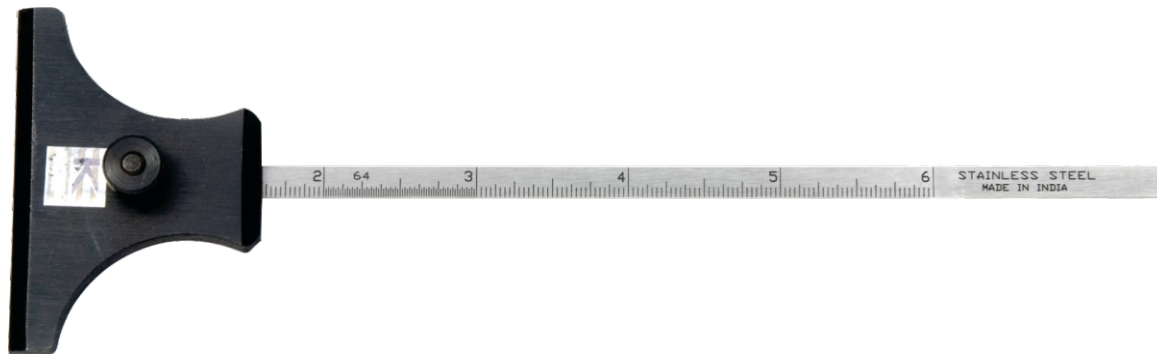
Model 10" have full round 360° protractor scale.

Packed in pvc pouch separately or as a set.

Range:- 4.5", 8" & 10" as a set.

Finish: - Polished

## MODEL 1503 DG-1



## DEPTH GAUGE

## MODEL 1503 DG-2



## DEPTH GAUGE CUM PROTRACTOR

A handy metric or English convertible depth gauge. The set consists of one head and two stainless steel rules; one metric, the other English. Either one can be easily slipped and locked in to the slot. The rules can be used separately, if desired. Metric graduations in ½ millimeters, English in 64ths. Also engraved are the 30°, 45° and 60° angle

### MODEL SL 101 SL 102

### SPIRIT LEVEL

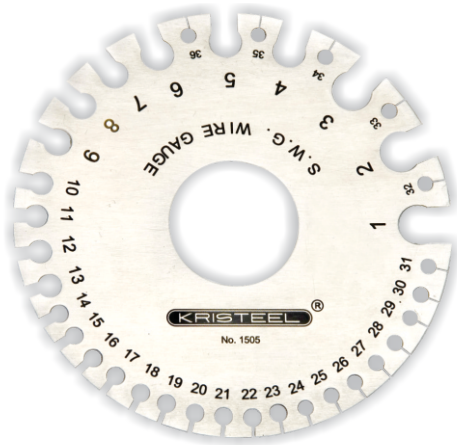


Execution : With horizontal and vertical bubble, of non deforming light-metal.

Length - 12 Inch/300mm  
24 Inch/600mm

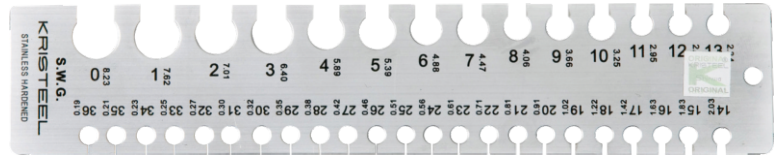
### MODEL 1505

#### S.W.G. ROUND WIRE GAUGE



### MODEL 1506

#### S.W.G. RECTANGULAR WIRE GAUGE

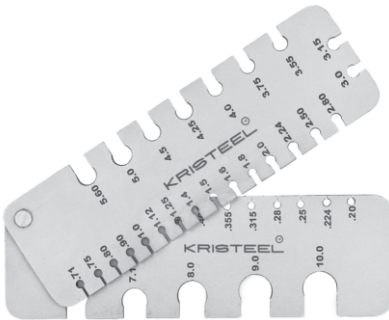


Made of Steel. Graduations in both British & Metric System

Also available in following models  
SWF - wire gauge heavy duty ferrous  
SWNF - wire gauge heavy duty non-ferrous

### MODEL RMWG

### RECTANGULAR METRIC WIRE GAUGE



This gauge is made up of tool steel with satin chrome finish. This pocket size gauge measures wire or sheet gauges of sizes 0.2 to 10 mm.

The respective millimeter & inch measurement is marked at each slot. This gauge is most commonly used by jewellers to measure the wire sheet gauge. It is also used by beadlers, wire wrappers etc.

Range:- 0.2 – 10.0 mm.  
Finish:- Satin Chrome.

### MODEL AWG

### AMERICAN WIRE GAUGE

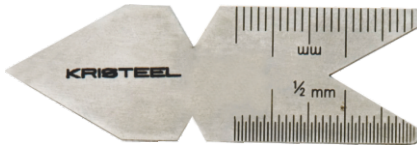


Made of high quality stainless steel

## MODEL 1507

A - 55° CENTRE GAUGE

B - 60° CENTRE GAUGE



1 Made of Steel

2 Graduations is both British &amp; Metric System

## MODEL 1508

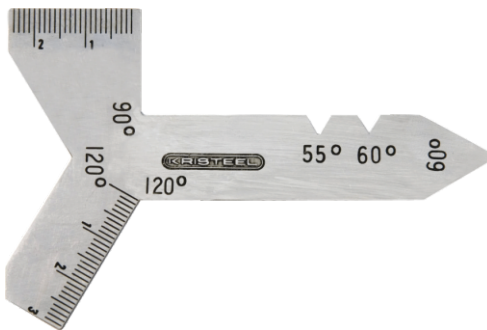
## SCREW CUTTING GAUGE



Combined threading tool gauge for ACME 14 1/2° and angular threads 47 1/2°, 55°, 60°.

## MODEL 1509

## UNIVERSAL GAUGE



The universal grinding gauge combines twist drill grinding gauge, centre gauge, hexagon and right angle 55°, 60°.

## MODEL NO 1510

## TWIST DRILL GAUGE



For twist drill with an acute angle of 118° upto 50 mm 2" diameter.



**MODEL 1511 A**  
**1511 B**  
**1511 C**  
**1511 ACF**

**BORE GAUGE**

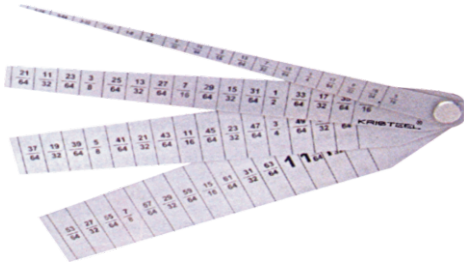
For the measuring of cylindrical bores.  
 Reading : 0.1 mm  
 Finish : Polish & Chrome



| MODEL    | LENGTH   |
|----------|----------|
| 1511 A   | 1-15 mm  |
| 1511 B   | 15-30 mm |
| 1511 C   | 30-45 mm |
| 1511 ACF | 1-15 mm  |

**MODEL 1511 D**

**BORE GAUGE (4 LEAF)**



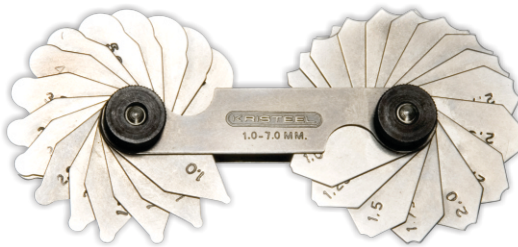
This Bore Gauge has 4 blades each marked with graduation of range 1/16" to 1 1/16". The gauge is used to measure internal bore diameter of cylindrical objects.

For additional models of bore gauge please turn to page 2/6.

Least count: 1/64"

**MODEL 1512**

**RADIUS GAUGE**



Concave and convex blades. With nickel plated case and locking screw, For the checking of sectors of circle.

| Model    | No of Blades | Radius mm | Leads, mm             |
|----------|--------------|-----------|-----------------------|
| 1512 A   | 17           | 1-7       | 1-3 = 0.25, 3-7 = 0.5 |
| 1512 B   | 16           | 7.5-15    | 7.5-15=0.5            |
| 1512 C   | 20           | 15.5-25   | 15.5-25 = 0.5         |
| 1512 D   | 32           | 25-40     | 25-40 = 0.5           |
| 1512 ABC | 53           | 1-25      | 1-25 = 0.5            |

**MODEL 1514**

**TAPER GAUGE**



| Length | Width | Material |
|--------|-------|----------|
| 165 mm | 5 mm  | OHNS     |

**MODEL 1514 A**

**TAPER GAUGE - A**



This Tool Steel Taper Gauge is used to determine the dimensions of slit or gap. The Taper Gauge is inserted into the slit or gap to be measured and the point when gauge stops give the dimensions of slit or gap.

Range: - 0.4 to 4.0mm & 0.01 to 0.15 inch  
 Finish: - Polished

## MODEL 1515

## CIRCUMFERENCE GAUGE

MODEL 1515 - ASP  
1515 - BSPCIRCUMFERENCE GAUGE  
SINGLE PIECE.

Range:- 1. 1515AS:- Circumference 940-950mm / Dia 20mm-30mm  
2. 1515BS:- Circumference 940mm-2200mm / Dia 300mm-700mm

This gauge is made of stainless steel with permanent etching graduations in single part to get better accuracy. It will check diameter and circumference of pipes, wooden blocks, big size tanks.

This gauge is useful for pipe Manufacturer, Woodworking Industry, Heavy Fabricator, Round Tanks etc. Graduation in mm, reading  $\pm 0.1$ mm

|                  | A      | B        | C         | D         | E         | F         | G         | H         |
|------------------|--------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Circumference mm | 60-950 | 940-2200 | 2190-3460 | 3450-4720 | 4710-5980 | 5970-7230 | 7220-8490 | 8480-9740 |
| Diameter mm      | 20-300 | 300-700  | 700-1100  | 1100-1500 | 1500-1900 | 1900-2300 | 2300-2700 | 2700-3100 |

|                  | I          | J           | K           | L           | M           | N           | O           | P           |
|------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Circumference mm | 9730-10990 | 10980-12250 | 12240-13510 | 13500-14760 | 14750-16020 | 16010-17280 | 17270-18540 | 18530-19790 |
| Diameter mm      | 3100-3500  | 3500-3900   | 3900-4300   | 4300-4700   | 4700-5100   | 5100-5500   | 5500-5900   | 5900-6300   |

Suitable for measuring circumference and OD diameters of all round bodies. Graduation in mm, Reading  $\pm 0.1$ mm

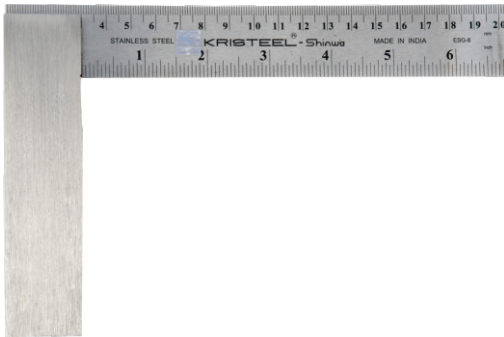
## MODEL SPTS



## SINGLE PC TRY SQUARE

- Used for checking Square ness & straightness.
- Made from single piece high quality tool steel.
- Inner & outer edges of blade are bevelled at 60° angle.
- Beveled edge provides an excellent visual line contact with the workpiece.
- A groove on the inner corner of the stock, aids in the clearance of burr or dirt.

## MODEL ESG



## ENGINEER'S SQUARE

This square is made out of steel stock and hardened blade. The blade is fix to the stock by taper pins. All faces are precision ground.

| Model   | Length         | Width  | Thickness |
|---------|----------------|--------|-----------|
| ESG - 4 | 100 mm/4 Inch  | 70 mm  | 1.2 mm    |
| ESG - 6 | 150mm/6Inch    | 100 mm | 1.2 mm    |
| ESG - 8 | 200mm/8 Inch   | 130 mm | 1.2 mm    |
| ESG -12 | 300 mm/12 Inch | 175 mm | 1.2 mm    |

## MODEL ESP



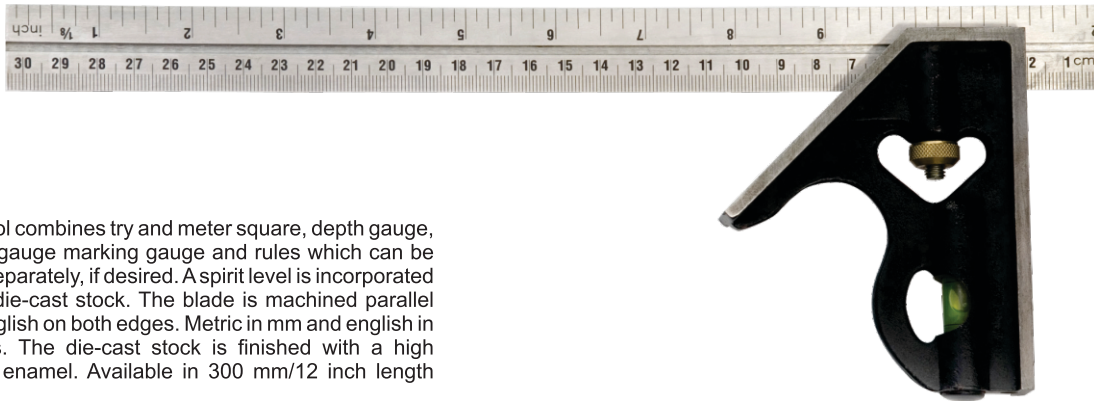
## PLAIN ENGINEER'S SQUARE

Precision - squares Stainless Steel  
Edges and sides extra finely ground, accurately finished.  
Suitable for inspection and precision engineering.

| Model    | Length | Width |
|----------|--------|-------|
| ESP - 4  | 100mm  | 70mm  |
| ESP - 6  | 150mm  | 100mm |
| ESP - 8  | 200mm  | 130mm |
| ESP - 10 | 250mm  | 160mm |
| ESP - 12 | 300mm  | 175mm |

**MODEL 1516 A**  
**1516 B**

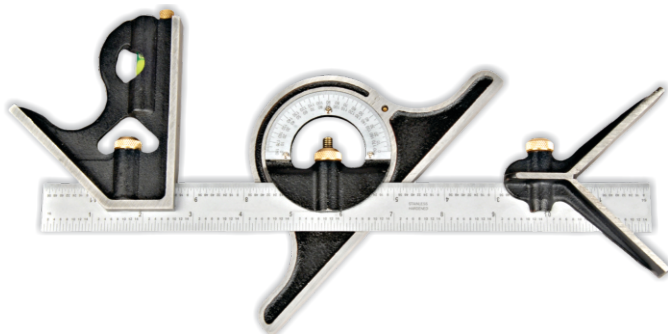
**COMBINATION TRY & METER SQUARE**  
**A - POLISH FINISH**  
**B - HARD CHROME FINISHED**



This tool combines try and meter square, depth gauge, height gauge marking gauge and rules which can be used separately, if desired. A spirit level is incorporated in the die-cast stock. The blade is machined parallel and english on both edges. Metric in mm and english in 1/16ths. The die-cast stock is finished with a high quality enamel. Available in 300 mm/12 inch length only.

**MODEL 1516-C**

**4-PC COMBINATION TRY METER SQUARE**



Includes Ruler 90° Head, centre Square, Prohead, Scriber, & level.

A very precisely ground product with good aesthetic appeal. This world class product comes to you in handsome attractive packing.

**MODEL UBP**

**UNIVERSAL BEVEL PROTECTOR**



High precision angle gauge for accurate angle measurement of machines, moulds & jigs. Can be attached to height gauge. Comes with blade length of 150/300mm & with acute attachment.

**MODEL 3792**  
**2918**  
**2919**



## DIGITAL HEIGHT GAUGE

**Range : -** 0 to 150mm  
 0 to 300mm  
 0 to 600mm

**Least Count - 0.01mm/0.0005"**

**Features:-**

- Large LCD screen
- Inch/Metric Conversion table
- Large base for rigidity
- Carbide tipped scriber for marking
- Supplied with Calibration Certificate
- Packed in moulded thermacol box to avoid damages.

**MODEL HG-12**  
**HG-18**  
**HG-24**



## 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 | 450mm  |
| HG - 24 | 600mm  |



## MODEL FG -13



## FEELER GAUGE - 13 BLADES / 27 BLADES

This gauge is used to check flatness & gap between mating parts.

Range : 0.05mm to 1.0 mm (Metric) (13 blades)  
Blade length 3" and 4"

(0.05, 0.1, 0.15, 0.2, 0.25, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1mm)

## MODEL FG -27



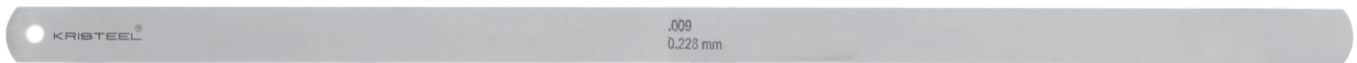
This gauge is used to check flatness & gap between mating parts.

Range : 0.001" to 0.025" / 0.025mm to 0.63mm  
(English / Metric Model) (27 Blades)  
Blade length 3" and 4"

(0.025, 0.038, 0.050, 0.063, 0.076, 0.101, 0.127, 0.125, 0.177, 0.203, 0.228, 0.254, 0.279, 0.304, 0.330, 0.355, 0.381, 0.406, 0.431, 0.482, 0.508, 0.533, 0.558, 0.584, 0.609, 0.635mm)

## MODEL FS

## FEELER STRIP OF LENGTH 300 MM



This gauge is 300 mm long and is used to check flatness & gap between the two mating parts. The gauge is available in thickness 0.01, 0.02, 0.025, 0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.11, 0.12, 0.13, 0.14, 0.15, 0.16, 0.17, 0.18, 0.19, 0.20, 0.21, 0.22, 0.23, 0.24, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.80, 0.85, 0.90, 0.95, 1.00 mm

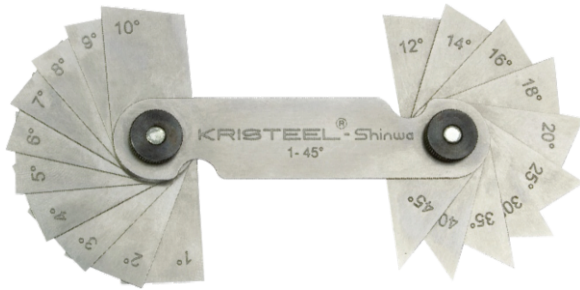
MODEL SEFGH  
DEFGH

## SINGLE END/DOUBLE END FEELER GAUGE HOLDER

This nickel plated feeler gauge holder provides a convenient means of holding a single feeler strip or leaves of thickness (feeler) gauge. The camlock gripping permits every bit of stock to be used. Double end model can also be made available which can be used to hold GO & NOGO thickness gauges.

Range: 0.025 to 0.635 mm thick feeler gauge can be held, gauge blade width upto 12.7 mm. (0.5")

## MODEL AG



## ANGLE GAUGE

This angle gauge having 20 nos levels made in stainless steel hardened & tempered. This gauge is useful for measuring angles 1- 45° can be use for checking shaft dove - tail angle. This gauge is useful in tool room. Die makers, mould makers & woodworking industry.

## MODEL SPG



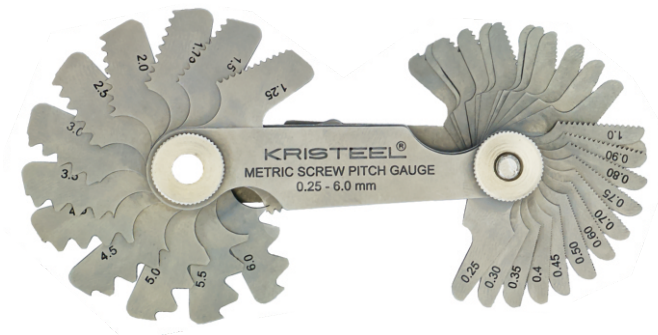
## SCREW PITCH GAUGE

This product is available in different models. Common models are the 28 leaves 4-80 pitch, 30 leaves 4-42 pitch, and 30 leaves 3.5-60 pitch-55 degrees whitworth. Narrow leaf design allows checking both external and internal threads - even in small holes not accessible with wide leaf type gauges.

Range:- 0.25 to 6 mm – Metric 60°  
4 to 62 TPI – Whitworth 55°

No. of leaves :- 52.

## MODEL SPG-SS



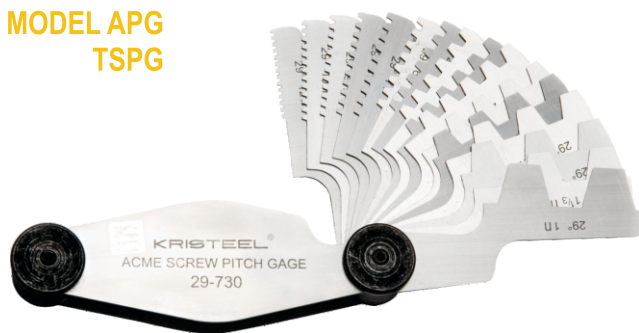
## SCREW PITCH GAUGE - STAINLESS STEEL

Material :- Stainless steel  
Range :- 30 leaves

This product is completely manufactured in stainless steel material. Narrow leaf design allows checking both external and internal threads even in small holes not accessible with wide leaf type gauges.

Range:- 0.25 to 6 mm – Metric 60°  
4 to 62 TPI – Whitworth 55°

No. of leaves :- 52.

MODEL APG  
TSPG

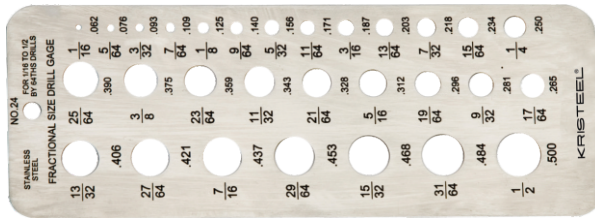
## ACME SCREW PITCH GAUGE

ACME screw pitch gauge is used to check thread profile of lead screws  
Range : 10n To 1n (16 Blades)  
n = thread per inch (TPI)

**TRAEZOIDAL SCREW PITCH GAUGE (Metric 30°)**  
Range = 4 to 12MM (8 Blades)

## MODEL 1513 A/B/C

## DRILL GAUGE



Hardened and finely ground. Chrome Plated

| Model | Range             | Holes |
|-------|-------------------|-------|
| A     | 1/16" - 1/2"      | 29    |
| B     | 1 to 60           | 60    |
| C     | 1.5 mm to 12.5 mm | 30    |

MODEL DS 1513A  
DS 1513C

## DRILL STAND



This gauge is made up of steel used to keep drill in their specified size hole.

This will help to identify quickly require dia drills.

Handy Drills Stand keep 29 drills.

Top plate has permanent etched drill sizes in decimal/fractional.

All drill size holes are exact require drill dia.

Finish : Top plate chrome or nickel plated.

| Model | Range             | Holes |
|-------|-------------------|-------|
| A     | 1/16" - 1/2"      | 29    |
| C     | 1.5 mm to 12.5 mm | 30    |

## MODEL 3125

## CHAMFER GAUGE



This is a Stainless Steel Gauge useful to check chamfer of any round or rectangular part. Gauge have 18 blades duly fine edge profiled, numbered size on each blade. Useful gauge in Tool Room, Work Shop, Quality Control Department.

Range: 0.5 to 5.0mm (18 Blades)  
Finish : Polished

## MODEL SB-3341

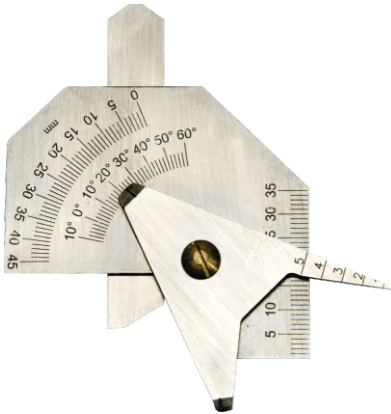
SLIDING T - BEVEL GAUGE  
(6" size 4" base)

This metal bevel gauge the base of which is made in tool steel & the blade is made in stainless steel with hard chrome plated. This gauge can be set at any angle using master angle gauge or protractor.

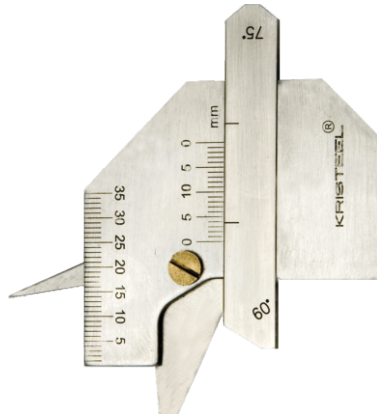
The blade is adjustable that is useful to mark a long line adjustable blade rest in metal base while not in use hang safety packing this gauge is useful in toolroom die markers, & woodworking industries.



## MODEL WG-A



## WELD FILLET GAUGE - MULTI PURPOSE



A versatile tool for the use of welding operator. The tool can be used with ease for weld joint preparatory functions as well as for checking of the weld joint. The tool combines a bore gauge, angle gauge, depth gauge & weld height gauge. The tool is made in stainless steel with polish finish.

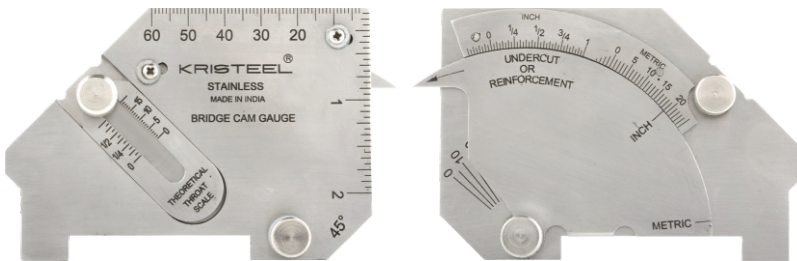
## MODEL LTWFG



## LEAF TYPE WELD FILLET GAUGE ( 7LEAVES)

This rugged gauge is fabricated in stainless steel & allows fast, accurate measurement of 11 fillet weld sizes: 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4, 7/8, and 1" and their metric equivalent. Also used to determine weld size, either concave or convex. Each blade is made of 1.25" x 4" cold rolled stainless steel to resist rust and bending. The blades are deburred to remove rough edges. The set of seven blades is packed in a handy 2" x 2.5" pocket case with the user manual attached for easy reference.

## MODEL BCWG



## BRIDGE CAM TYPE WELD GAUGE

This rugged gauge is fabricated in stainless steel used to measure the important Dimensions of weld preparations & of completed Butt and fillet welds. It is intended for general fabrication work in the shop or on-site. It rapidly measures Angle preparation (0° to 60°), Excess weld metal, Fillet weld leg length, Throat length, Misalignment & hole sizes for butt weld, butt-weld reinforcement, General Linear Measurement upto 60mm or 2 inches- Scales are graduated in metric units & supplied in a preventive case with instruction leaflet.

## MODEL AUWG



## AUTOMATIC WELD GAUGE

This rugged gauge fabricated in stainless steel, will measure the important dimensions of weld preparations & of completed butt and fillet welds. It is intended for general fabrication work in the shop or on-site and rapidly measures weld features like tolerance of convexity, tolerance of reinforcement, concavity and underfil, to determine size of fillet weld. The scales are graduated in metric units, It is packed in a protective case & an instruction leaflet is provided.



## MODEL 3458



## DIGITAL WELDING GAUGE

This rugged gauge, fabricated in stainless steel, will measure the important dimensions of weld preparations and of completed butt and fillet welds. It is intended for general fabrication work in the shop or on-site and rapidly measures the following weld features : angle of preparations 60, 70, 80 & 90 degree. Fillet weld leg throat size, Butt weld reinforcement.

Range: - Throat upto 20 mm and Butt reinforcement upto 4.0 mm

## MODEL HLWG



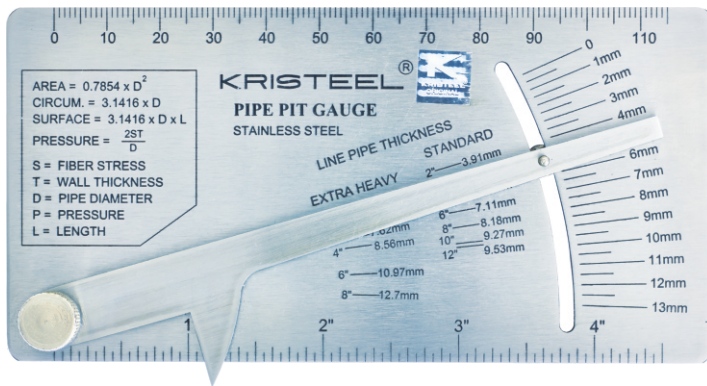
## HI-LO WELDING GAUGE

This Rugged Gauge is used to measure:-

- Internal Misalignment
- Pipe wall thickness
- Fit-up Gap
- Gauge Bevel on end preparations
- Fillet Weld Size
- Crown Height of butt Welds

It is also used to eliminate the major cause of socket weld cracking.

## MODEL PPG



## PIPE PIT GAUGE

This small pocket sized stainless steel gauge is designed to identify the condition of Pipe like Depth of Pit, Pipe thickness etc. Useful for Pipe Welders, Pipe Coaters, Pipe manufacturers etc.. Gauge includes 110mm long scale in Metric & Inch. Conversion Table available on back side & formulas on top.

Range :- 0 to 13mm

Finish :- Polish

## MODEL WGRG-12L



## 12 LEAVES WELD GAUGE CUM RADIUS GAUGE SET

This stainless steel Gauge is made as a set of 12 leaves or sizes from 3mm to 12mm. Each leaf can check welding throat size & concave radius profiles also.

Useful for welding, maintenance dept, Quality Dept, Tool Room etc...

Range :- 3mm to 12mm

Finish :- Polish.

**MODEL NO. 2916 - 150mm**  
**2917 - 200mm**  
**3747 - 300mm**

### DIGITAL VERNIER CALIPER

Resolution: - 0.01mm/0.0005"  
 Power: SR 44, One 1.55v button cell

#### Features:-

1. Internal Measuring jaws.
2. Inch/metric conversion available.
3. Locking Screw.
4. Hold Button.
5. LCD Display.
6. External Measuring Jaws.
7. Power On/Off button.
8. Zero Setting.
9. Battery Cover.
10. Depth Measuring Blade.
11. Step-Measuring Faces.
12. Supplied With Calibration Certificate.



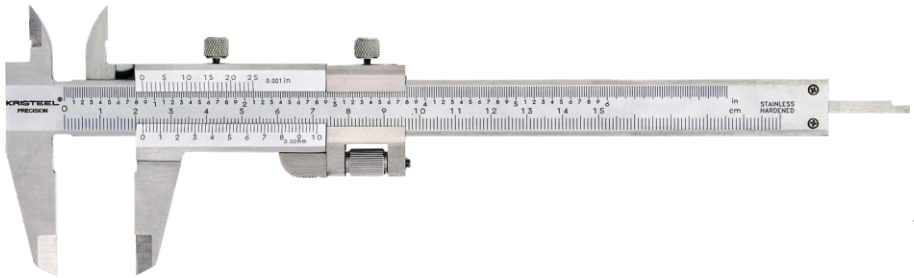
**MODEL NO. 2914 - 150mm**  
**2915 - 200mm**  
**3746 - 300mm**

### VERNIER CALIPER WITH FINE ADJUSTMENT MONOBLOCK

Finish: - Polished Finish With Chrome Finish Scales.

#### 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 graduations and text.
5. Supplied with Calibration Certificate / Certificate. of Conformance



**MODEL NO. 3805 - 150mm**  
**3806 - 200mm**  
**3807 - 300mm**

### VERNIER CALIPER WITHOUT FINE ADJUSTMENT MONOBLOCK

Finish: - Polished Finish With Chrome Finish Scales.

#### Features:-

1. Metric and English Graduations.
2. Can measure OD, ID, Depth and Steps.
3. Laser engraved black scale graduations and text.
4. Supplied with Calibration Certificate / Certificate. of Conformance



## MODEL VCC

## VERNIER CALIPER COLUMBUS



Kristeel all-purpose slide calipers, sized to slip into your pocket, can make quick, accurate, inside and outside diameter measurements. This tool is well suited for use in training programs, toolroom and machine shop use and automotive use.

MODEL 1504- CG 3  
1504- CG 4

## BRASS CALIPER GAUGE



A caliper gauge with Metric and English graduations. Available in brass. This is a prestige advertising gift, individually packed in PVC covers.

| Model No. | Length     | Remark                 |
|-----------|------------|------------------------|
| CG-4      | 100mm/4 in | Only outside readings. |

## MODEL MG

## MARKING GAUGE

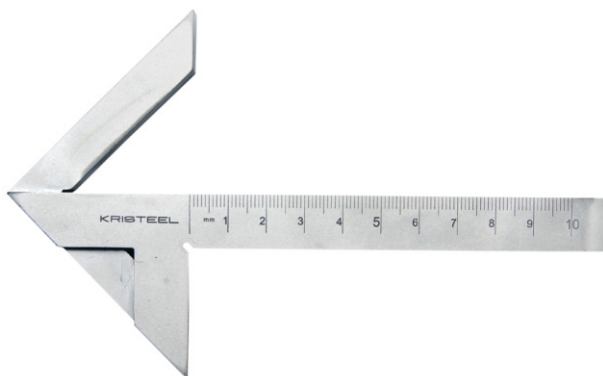


Marking Gauge is used for marking on steel/wooden plates etc. It has a stopper which starts from the zero graduation. It is provided with a knob arrangement which can be locked to precisely check a certain linear measurement.

Range: 0 to 300mm

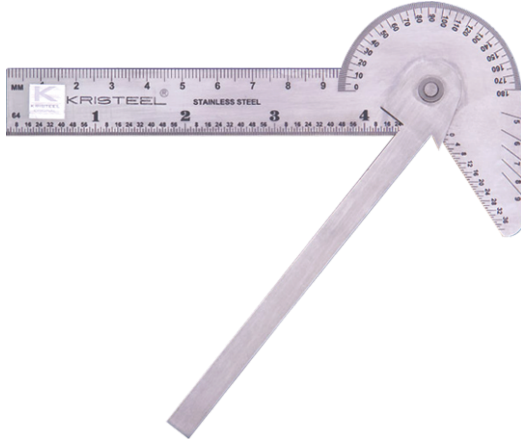
## MODEL CS

## CENTRE SQUARE



Centre Square: Made of special steel. Used for marking the centre of any round object.

## MODEL MURG



## MULTI USE RULE &amp; GAUGE

Made of long- wearing stainless steel.

This gauge is used for five distinct functions

1. Drill Point gauge is used for checking 59 degree angle of drill points.
2. Bevel Protractor is used for measuring and laying out angles.
3. Centre finder locates centres of shafts or circles.
4. Circle divider (upto nine equal parts) is used for dividing circle into sectors, regular polygon and polygrams.
5. Tap and drill table shows popular tap sizes with correct drill sizes for National form of thread.

Available Size: 4"

## MODEL GTPG



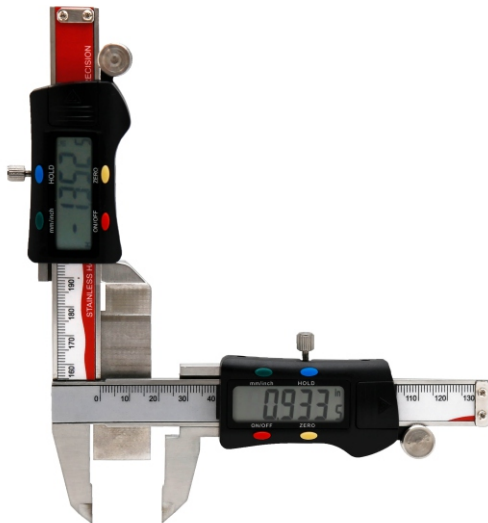
## GEAR TOOTH PITCH GAUGE

This gauge is made of hardened & tempered stainless steel material 0.5 mm thickness. This is a very handy tool used to measure the Gear Diametral Pitch and metric module pitch for 14.5° & 20° pressure angle. This gauge is duly fine edge profiled. Numbered pitch sizes are mentioned on each blade. It is very useful gauge for all gear manufacturers for inspection purpose. It is packed in a plastic box with gear data sheet (DP, CP, Tooth Thickness Data) provided for instant reference.

Available in: 1) Diametral Pitch  
2) Metric Module Pitch

| Model     | Description                          | Range        |
|-----------|--------------------------------------|--------------|
| GTPG 2722 | Gear Tooth Pitch Gauge - (DP 14.5°)  | 6 - 80 DP    |
| GTPG 2813 | Gear Tooth Pitch Gauge - (DP 20°)    | 6 - 80 DP    |
| GTPG 3115 | Gear Tooth Pitch Gauge - (MMP 14.5°) | 0.35 - 4.5mm |
| GTPG 2666 | Gear Tooth Pitch Gauge - (MMP 20°)   | 0.35 - 4.5mm |
| GTPG 3121 | Gear Tooth Pitch Gauge - (DP 14.5°)  | 2 - 5 DP     |
| GTPG 3122 | Gear Tooth Pitch Gauge - (DP 20°)    | 2 - 5 DP     |
| GTPG 3123 | Gear Tooth Pitch Gauge - (MMP 14.5°) | 5 - 12mm     |
| GTPG 3124 | Gear Tooth Pitch Gauge - (MMP 20°)   | 5 - 12mm     |

## MODEL 3951



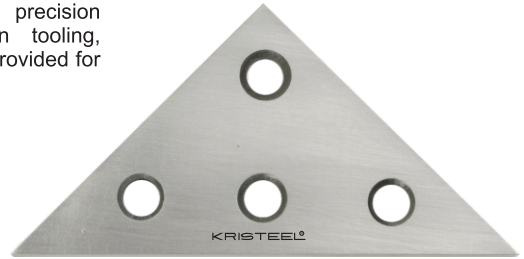
## DIGITAL GEAR TOOTH VERNIER

The Digital Gear Tooth Vernier is made of stainless steel and has a polished finish. The least-count is 0.01mm. It is useful to check the gear teeth thickness upto 40mm and the height of gear teeth. It is available in range upto 40mm teeth thickness.

## FEATURES :-

1. Gear teeth thickness measuring jaws
2. METRIC/INCH change over
3. Locking Screw
4. Hold Button
5. LCD display
6. Power On / Off button
7. Zero Setting
8. Battery Cover
9. Teeth depth measuring jaw



**MODEL SS-A  
SS-B****30°-60°-90° SET SQUARE****45°-45°-90° SET SQUARE**

These set squares are available in two sizes i.e 30-60-90 degrees and 45-45-90 degrees. They have precision ground angles for convenient set-ups in tooling, production and inspection, holes can also be provided for easy mounting

**MODEL STTG-29°****29° SCREW THREAD TOOL GAUGE**

This Hard Chrome Plated Gauge is used to measure the ACME Threads for setting of cutting tool. This gauge is used to set the quick change gearbox to required number of threads per inch & also to set Compound rest 14.5° to the right. (half the included thread angle.)

Range: 1 to 10 TPI. (14 sizes)

**MODEL AGCG****60-120 DEGREE COUNTERSINK ANGLE GAUGE**

The Gauge is made of hardened & tempered stainless steel material 1 mm thick. These high accurate angles are useful to check Counter Holes Angle. Each gauge is packed in PVC pouch.

Range: 60°, 82°, 90°, 100°, 110°, 120°

Accuracy is within 15 minutes

**MODEL HAG****HAIR GAUGE**

This gauge is used for measuring the precise amount of hair needed tying a given hank. Made of stainless steel with slit and a graduation scale, upon which individual settings can be marked.

**MODEL PSIZER****PIPE SIZER**

Tool that instantly determines the exact size of various types of pipes. It can be used on ABS, PVC, & STEEL PIPES. The pipe sizer has seven blades each measuring a specific pipe size. This ergonomically designed gauge can be used as drilling template. A handy and user friendly tool for Plumbing Contractors, Electrical Contractors, Building Inspectors, Plant Maintenance, etc.

For additional models of circumference / diameter gauges please turn to page 2/6.

Range : - 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2"

**MODEL CTSG****CNC TOOL SETTING GAUGE**

This gauge is made of aluminum material. It Accurately sets Turning, Boring & Facing Tools on the Centerline of the work piece. All edges of the Tool Setting Gauge V-body are accurately machined and may be used for vial calibration to suit your intended use. The Vial body may be positioned on either side of the V-body for easier use in different applications. This tool is also used to set up grinding wheel on centerline of tooth rest for cutter grinding. It is also used to Set table stops on horizontal mills.

**MODEL DCTSG****DELUXE CNC TOOL SETTING GAUGE WITH ANGLE SCALE**

This gauge is made of aluminum material. It Accurately sets Turning, Boring & Facing Tools on the Centerline of the work piece. All edges of the Tools Setting Gauge V-body are accurately machined and may be used for vial calibration to suit your intended use. The Vial body may be positioned on either side of the V-body for easier use in different applications. This tool is also used to set up grinding wheel on centerline of tooth rest for cutter grinding. It is also used to set table stops on horizontal mills. The gauges can be used to set the bed at different angles. (0° to 60° in increments of 15°)

**MODEL HRDPG****HOOK RULE CUM DRILL POINT GAUGE ASSEMBLY**

This chrome plated 6" ruler is made of 1 mm thick hardened and Tempered Stainless Steel material and provided with Hook Rule Attachment and drill point angle attachment. This scale is useful to check any external outer dimension 0" to 6" like a caliper. It can be separately used as a hook rule and also to check drill point angle of 118°. Drill Cutting length upto 5" can also be checked. it can be used as a fixed snap gauge for checking outer dimensions. if required hook rule attachment can be removed by loosening the eccentric screw. Metric graduated rule can also be made available.

### MODEL 3459 3967



### DIGITAL TYRE DEPTH GAUGE DIGITAL TYRE DEPTH GAUGE WITH ROD

Digital Tyre Tread Depth Gauge used to measure accurate depth of tread or any depth upto 30mm

Reads in inches & metric.  
Spring-loaded and zero setting button for ease-of-use.  
Large LCD display

Range: Upto 20 mm

Resolution: .0005"/.01mm

### MODEL TDG - S TDG - B TDG - L



### TYRE DEPTH GAUGE

This new model is made of hardened and tempered stainless steel material in polish finish. It measures thread depth of tyres. The plastic sliding knob holds the vernier scale at any point. It is enough tight to avoid self sliding. Each gauge is packed in PVC pouch.

**Range :**  
TDG - S (0- 50 mm)  
TDG - B (0- 100 mm)  
TDG - L (0-150mm)  
Least Count: 0.1 mm.

### MODEL TDG-BRASS



### TYRE DEPTH GAUGE - BRASS

Made of Brass.  
Available Size: 30mm

### MODEL 3954



### STAIR GAUGE

This gauge is a pair of Brass Stops, which simply clamp to a rafter square for fast, repetitive setting out of angles on stair stringers. It can also be used for setting out repeat angles on sheet material.

## MODEL CFA

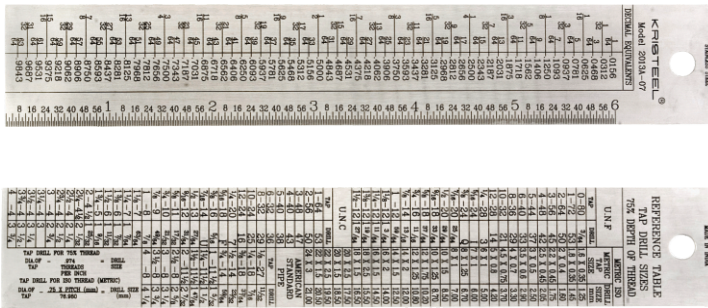


## CENTER FINDER ASSEMBLY

This Hard Chrome Plated Setting gauge is useful in Workshop for Drilling on round bar or pipe exactly at the Center of the work piece. The shank of 9.5mm dia & the flexible bracket makes the gauge more user friendly & easy to use.

Range: upto 6" Dia Shaft.

## MODEL RTR



## REFERENCE TABLE WITH RULE

This is a Handy Reference Table cum 6" English Graduation Scale in which you can get quick Reference (size 32x180x1.0mm) for United Nation Coarse & fine threads Drill sizes. You can also measure Drill sizes for ISO metric threads or American pipe threads. This is also useful for quick reference from fraction to decimal conversions.

Least Count: 1/64".

## MODEL 1512-26L



## RADIUS GAUGE 26 PC SET (0.5MM TO 13 MM)

This set is mainly used to check the radius of concave and convex portion of any radial part. This gauge is useful in workshops, general purpose, tool and die makers, woodworking industries, quality department etc. The gauge is packed in PVC pouch with brass handle to hold the leaf while checking. The accuracy of the product is equivalent to international standards.

For additional models of radius gauge please turn to page 2/6.

Range: 0.5 mm to 13 mm- 26 leaves. (Incremental of 0.5 mm)



**MODEL WFTG-3126****WET FILM THICKNESS GAUGE**

It is designed to quickly & easily measure thickness of coatings immediately after they have been applied to substrate. This gauge is also known as Comb, MIL Gauge, Step Gauge & Notched Gauge. The Gauge incorporates a series of notches cut into their sides much like the teeth on a comb. The wet film thickness of most organic coatings including paints, resins, lacquers, varnishes, gel coat etc may be measured. The thickness of powder type coating may be measured before curing.

Range: 1 to 80 Mil

**MODEL AG-18 PC****ANGLE GAUGE - 5° TO 90° (18 PC SET)**

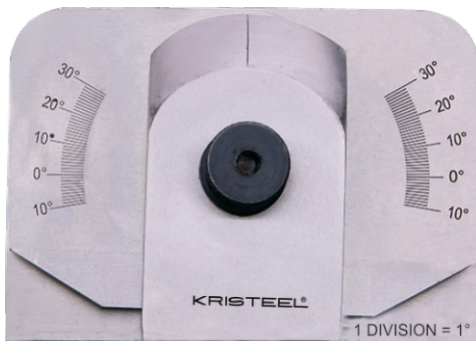
This gauge is made of hardened and tempered stainless steel material having a range of 5° to 90° incremental of 5° (total 18 leaves). This gauge can be used to check internal & external angles of any machined part to check dovetail angle of shafts. It is one of the most useful gauges for general purpose fabrication workshop. Tool & Die makers, wood working industry and the quality assurance department to compare angle of any part. All 18 leaves are packed in PVC Pouch.

Range: 5° to 90° - Incremental of 5° (18 Leaves)

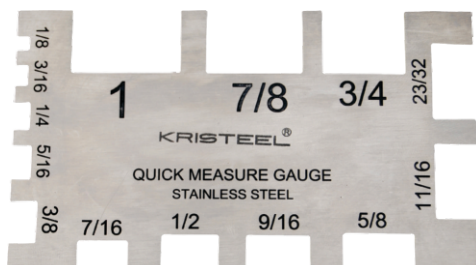
Available Models

5° to 90° (18 Individual Leaves)

1° to 45° (20 Individual Leaves)

**MODEL RAG****RAKE ANGLE GAUGE**

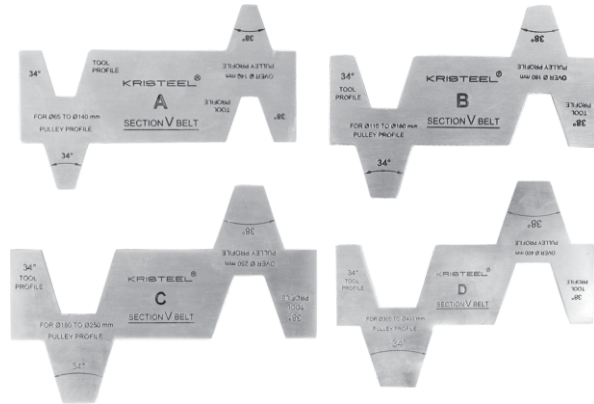
Rake angle gauge is used to check up the rake angle for broaches and also to set the shearing machine blade angle. It is used by all tool room operators, fabricators and to some extent by the welders for checking angles for plates having butt weld

**MODEL STG****SPINDLE TURNER'S GAUGE**

This Polish Finish rugged gauge is made of stainless steel material 0.8mm thick- This gauge is useful to spindle turner & Wood workers for turning a workpiece to the desired diameter, from 1/8" to 1". Wood workers will find many uses for the gauge such as measuring the thickness of wood and plywood, checking the size of a Tenon and Dadocut or sizing commercial Dowels. Each gauge is packed with printed card in Blister.

Range: 1/8" to 1"

## MODEL PG



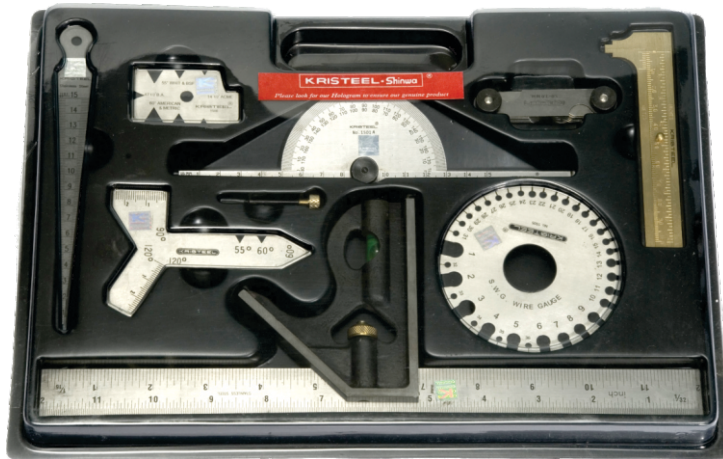
## V-PULLEY GAUGE SET OF ABCD

This gauge is made up of Stainless steel in set of 4 sizes. It is used to check the size and type of Belts. It can also check pulley groove as well as tool angle & size. It is useful for Pulley manufacturers, Maintenance department, Quality department, Tool Room, etc.

Range: Profile Type – A, B, C, & D with 34 & 38 degree

|        | 34°            | 38°           |
|--------|----------------|---------------|
| Type A | Ø 65 – 140 mm  | Over Ø 140 mm |
| Type B | Ø 110 – 180 mm | Over Ø 180 mm |
| Type C | Ø 180 – 250 mm | Over Ø 250 mm |
| Type D | Ø 300 – 400 mm | Over Ø 400 mm |

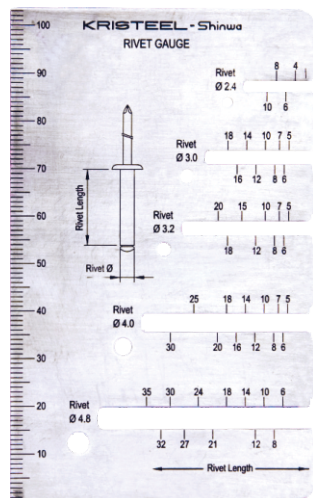
## MODEL EK 1



## PRECISION ENGINEER'S KIT

The Precision kit includes handsomely packed 8 precision gauges namely - 2pc combination try & meter square, bore gauge, universal gauge, degree protractor-cum depth gauge, screw cutting gauge, radius gauge, round wire gauge and caliper gauge. The kit serves every purpose of tool room / workshop operations, right from measuring/markings thickness, angles, depth, radius, length, bore, level, diameters etc.

## MODEL RG



## RIVET GAUGE

A very handy tool to measure length and diameter of rivet. It is made of stainless steel with polish finish. The rivet gauge is a very handy tool for an operator and a good inspection gauge for the rivet manufacturer. The gauge is available for diameter upto 5mm and length upto 35 mm.

**MODEL 3947  
3948  
3949**



**0-25mm**



**25-50mm**

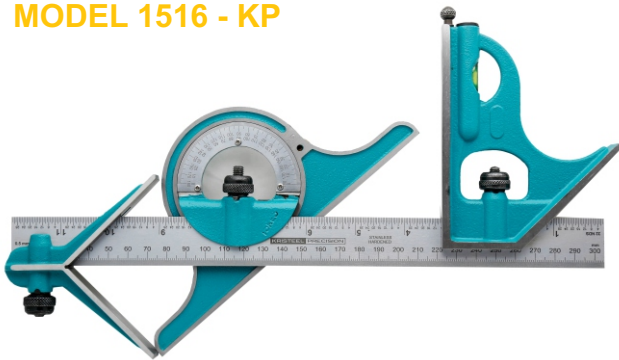


**50-75mm**

Kristeel proudly launches outside micrometer made of cast steel with chrome plated head assembly. The least-count is 0.01mm. The External Micrometer is used to check the thickness of any part. It is very useful in workshops, tool-rooms and inspection labs.

Each micrometer is packed in plastic case with master gauge and adjustment spanner. Each Micrometer comes with a Calibration Certificate.

**MODEL 1516 - KP**



**KRISTEEL PRECISION 4PC CAST COMBINATION  
TRY & METER SQUARE**

Its is made from Steel Precision Investment Casting with smooth finish of casting heads all over. All measuring scales are fine machined. All casting heads are fine powder coated.

Accuracy maintained within 3 minutes in angles.  
Chrome plated hardened engraved blade 12" length.  
Graduation Types:- Metric and Inches.  
Linear Leastcount - 0.5mm and angular - 1 degree.

Rule of 150mm, 300mm, 600mm can be manufactured on request

**MODEL 3953**



**DIGITAL TEXTILE CALIPER WITH PRISM JAW**

The Digital Textile Caliper with Prism Jaw is made of stainless steel and has a polished finish. Its least-count is 0.01mm. It is useful to check the external dimension upto 150mm and to check the center to center distance between two pins of maximum 20mm diameter. It is widely used in the textile industry.

**FEATURES**

- |   |                            |
|---|----------------------------|
| 1. Center to center distance C.T.C measuring jaws | 2. METRIC/INCH change over |
| 3. Locking Screw                                  | 4. Hold Button             |
| 5. LCD display                                    | 6. External Measuring jaws |
| 7. Power On/Off Button                            | 8. Zero setting            |
| 9. Battery cover                                  |                            |

**MODEL 3952**



**DIGITAL VERNIER - INSIDE TYPE  
WITH LONG KNIFE EDGED JAW**

The Digital Vernier - inside type with Long Knife Edge Jaw is made of Stainless Steel and has polished finish. It has a least count of 0.01mm.

The Digital Vernier - inside type with Long Knife Edge Jaw is useful for checking the internal dimension upto 150mm upto a length of 70 mm.

Range:- 150mm, 200mm.

**FEATURES**

- |                                     |                            |
|-------------------------------------|----------------------------|
| 1. Internal dimension measuring jaw | 2. METRIC/INCH change over |
| 3. Locking Screw                    | 4. Hold Button             |
| 5. LCD display                      | 6. Power On / Off button   |
| 7. Zero Setting                     | 8. Battery Cover           |



## MODEL VWWG



## V WAC WELD GAUGE

This rugged gauge is fabricated in Stainless steel, with measuring range 0-6 mm. The pointer is easy to set & lock screw holds the gauge in position for later reference. All four required measurements are made with a single gauge. It is useful for welding, maintenance & quality department.

- A. To check butt weld crown or reinforcement height  
Range: 0-6mm with least count of 0.5mm
- B. To check undercut depth near welding area.  
Range: 0-6mm with least count of 0.5mm

## MODEL STFVG



## SKEW T FILLET WELD GAUGE

This rugged gauge is fabricate in stainless steel , to check fillet weld leg length of skewed members or members at 90 degrees.

Also , check members angles 30 degree to 90 degree. Pointer is adjustable in length to set as per welded geometry. All markings are permanent etched and in black color for easy looking.

Range: Fillet leg length 0-50mm and angles 30 degrees to 90 degrees.  
Least Count: - 2mm and 2.5mm

## MODEL PTFWG



## POCKET FILLET WELD GAUGE – 2 KEY

This rugged gauge, fabricated in stainless steel, is made of sets of 2 blades with permanent markings. Gauge leaf can check welding actual throat size and fillet weld leg sizes. It is useful for welding, maintenance & Quality Department. Both the leaves are assembled in handy chain & packed in PVC Pouch.

Range:- Throat Size (mm) = 4.0, 5.0, 6.4, 7.0, 8.0, 9.0, 10.25.  
Leg Size (mm) = 4.0, 6.0, 8.5, 10.0, 12.0, 14.0, 18.0.

## MODEL 3955



## PLUMB BOB

The plum bob or plumb line employs the law of gravity to establish what is "Plumb"

The plumb consists of a specially designed weight and coarse string made of twisted cotton or nylon threads. (Masons prefer nylon because it stands up better over time to the dampness that comes with the trade.) At one end of the string the weight is affixed. Precisely machined and balanced bobs have pointed tips, and can be made of brass, steel

Materials:- Brass.  
Finish:- Lacquer Coated



**MODEL 3639  
3239****SHEAVE GAUGE (8 LEAVES)  
& SHEAVE GAUGE (SINGLE PIECE)**

This Gauge made in stainless steel, extremely useful tool for measuring wire rope & sheave wear, sheave maintenance by measuring sheave contour wear at the root, measuring the amount of wear at the groove wall & measuring the diameter of the wire rope.

Range of leaf Gauge:- 1/2", 9/16", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4" (8 Blades)

Range of Star Gauge:- 1/4", 3/16", 7/32", 3/8", 7/16", 5/16".

A. Sheave Groove Root Wear: - Wire rope will wear bottom of the sheave groove to a radius smaller than the radius of the sheave. To determine the amount of wear, place the proper size gauge in the sheave and shine a light behind the gauge. Light should not be detected between the gauge and the root of the groove. If wear is evident, the sheave should be re-machined or replaced.

B. Measuring Wire rope and Sheave Wear:- A properly machined sheave groove allows a wire rope to pass through unhindered by friction or obstructions. Sheaves should be checked periodically for wear in the grooves which may cause abrasion, pinching, and bird caging of the rope. If the groove shows signs of rope imprints the sheave must be replaced or re-machined and re-hardened.

The correct size sheave is required to minimize wear and tear on rope or wire. When grooved become overly worn or are too large, they may allow excessive movement, which stresses the rope and reduces its longevity. Likewise, too small of a groove compresses the rope and reduces its useful life because the rope will roll into the sheave groove introducing torque and twist which may cause high stranding and bird-cages.

**MODEL 3850****BORE GAUGE 1-15MM  
WITH POCKET CLIP RULE 150MM**

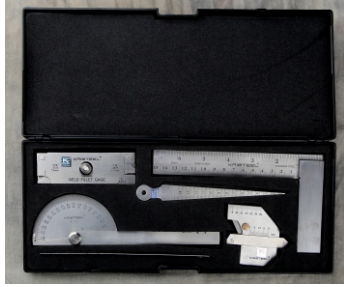
Made from Stainless Steel it has a polished finish. The least-count on the clip rule is 0.5mm and bore gauge is 0.1mm. The Clip Rule is a useful tool for weldors to check plate/angle sizes and the bore gauge is useful for measuring but welding plate gaps. It is very useful tool in workshops. Each assembly is packed in a PVC pouch

Range:- Clip Rule:- 150mm/6" & Bore Gauge:- 1 to 15mm

Least Count:- 0.1mm

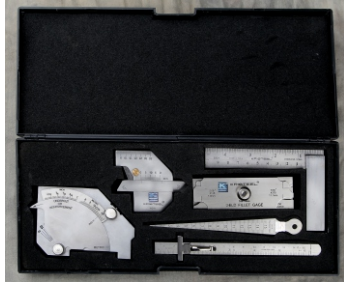
**MODEL 3969  
3928****GRADUATED TRI SQUARE – BLACK COLOUR  
WITH WHITE GRADUATIONS**

| Model No. | Size        |
|-----------|-------------|
| 3969      | 250 x 300mm |
| 3928      | 325 x 600mm |

**MODEL 3488****WELDERS KIT 1**

This Kit Comprises of

1. Leaf Type Weld Fillet Gauge (7 Leaves)
2. Engineer Square 6" / 150mm
3. Bore Gauge 1 - 15mm
4. Degree Protractor
5. Weld Fillet Gauge- Multi Purpose
6. Stainless Steel Rule 6" / 150mm

**MODEL 3559****WELDERS KIT 2**

This Kit Comprises of

1. Bridge Cam Weld Gauge
2. Weld Filler Gauge - Multi Purpose
3. Leaf Type Weld Filler Gauge ( 7 Leaves)
4. Bore Gauge 1-15mm
5. Engineer Square 4" / 150mm
6. Pocket Clip Rule 6" / 150mm

**MODEL 3592****WELDERS KIT 3**

This Kit Comprises of

1. Digital Vernier Caliper 150mm
2. V Wac Welding Gauge
3. Leaf Type Weld Fillet Gauge (7 Leaves)
4. Pocket Clip Rule 150mm
5. Automatic Weld Gauge
6. Magnifying Glass

**MODEL 3487****FABRICATOR KIT**

This Kit Comprises of

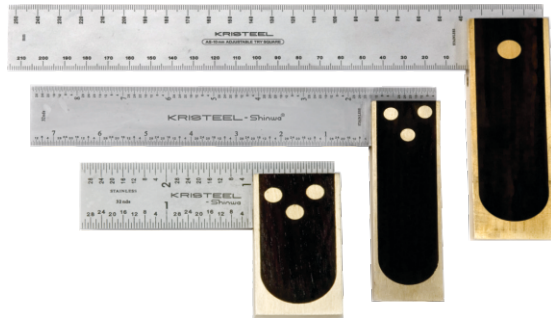
1. Digital Vernier Caliper 6"/150mm
2. Pen Shaped Scriber
3. Radius Gauge 1mm - 7mm
4. Radius Gauge 7.5mm- 15mm
5. Stainless Steel Rule 6"/150mm
6. 2pc Combination Trye & Meter Square

**MODEL 3490****AUTOMOBILE KIT**

This Kit Comprises of

1. Bore Gauge 1- 15mm
2. Stainless Steel Rule 150mm
3. Tyre Depth Gauge 0-50mm
4. Feeler Gauge 27 Blades
5. Radius Gauge 1mm-7mm
6. Radius Gauge 7.5mm-15mm
7. Screw Pitch Gauge
8. Stainless Steel Rule 300mm

## ROSE WOOD SQUARES



The Rose Wood Tri-Square is the most important Tool in cabinet making. It is very sensitive tool. This Tool is available in 4 sizes i.e. 3", 6", 9" and 12". The stock is made of special Rose Wood along with Brass Fittings. These squares can be used to set up machinery, check squareness of the cabinet and marking stock for joining. The permanently etched markings in 1/32 inch graduation on chrome finish are very easy to read and appear on both ends.

Also available in Teakwood

## BRASS CALIPER GAUGE



This caliper is used by Wood Workers for checking bit & dowel sizes, material thickness etc. Made of Brass. Comes well packed in plastic pouch.

## HOOK RULE



Used by Wood Workers and is available in any kind of graduations and in chrome finish. Use of the Hook at the end of these Rules facilitates measuring dimensions from the edge of the board. These rules have 4 different measurement i.e. 1 / 8", 1 / 16", 1 / 32" & 1 / 64". The length of the Hook is adjustable for easy measurement

## MITER SQUARE



This handsome miter square comes with a stainless steel blade, and rosewood-brass base. This tool is used for setting or checking 45 degree angles in projects such as picture frames.

### MINI TORPEDO LEVEL



The Mini Torpedo Level comes to you in a specially designed Rose Wood Base with Brass Fittings. Used extensively by Wood Workers and also as Hobby Tools. Its size measures 105 mm Length, 18 mm Width and 27 mm Height.

### MINI SLIDING BEVEL



Mini Sliding Bevel is made with select Rose Wood, Solid Brass and Stainless Steel. This product is also provided with quick release lock mechanism and is available in different sizes. The Blade is rust proof with dull chrome finish.

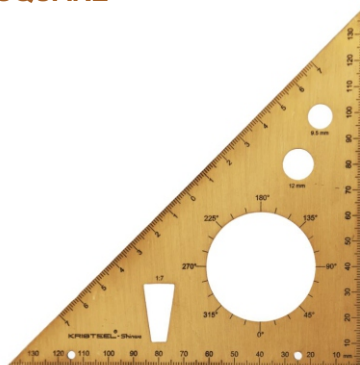
Also available in Teakwood

### DOVETAIL SQUARE



These Dovetail Squares are made of Steel (Chrome Plated) and have a stock made of Rose Wood. They can be provided to customer in various ratios as per their requirement. Ideal Dovetail Ratios are 1:6 & 1:8. They are basically used for marking Dovetails and 90 degree angles.

### BRASS SET SQUARE



This is made of Brass Raw Material.

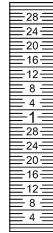
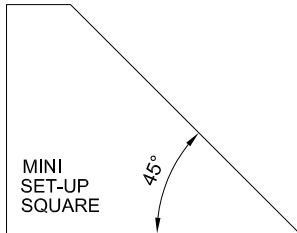
Brass Set Square Usages.

1. Linear Measurement upto 130mm in metric with L.C of 1.0mm.
2. Angular Marking on 1.5" round wooden block
3. Dove tail marking of 1:7.
4. Set the rafter in 90 degree.
5. To check drill bit dia of 9.5 & 12mm
6. To mark 45 degree cutting line on rafter joints.

This 45-45-90 degree set square is made of Brass Material with permanent etched graduations & markings of Linear Scale on all sides can be used for measurement upto 130mm in Metric & has a L.C 1mm. It can also be used for dovetail marking of 1:7, to set the rafter in 90 degree, for angular marking on 1.5" round wooden block, to check drill bit dia of 9.5 & 12mm & also to mark 45degree cutting line on rafter joints.



## MINI SETUP SQUARE



This rugged gauge, made from rustless steel, it will check the squareness of cutting tools such as tablesaws, scrollsaws etc. and projects as well as any 45 degrees angles. Graduations (2" in 1/32") on the vertical edge of the tool. You will able to set the height of your router bits or tablesaws blades accurately.

Range:- Upto 2 inch (45 Degrees to 90 Degrees)  
Least Count:- 0.1/32"

## MINI ROSEWOOD PLANES



These miniature planes are ideal for small scale work. They consist of Rosewood, brass sides and carbon steel blades. Knurled brass adjustment screw are also provided for blade adjustments. The planes can be supplied in three different designs namely,

- 1) Block Plane
- 2) Bullnose Rabbet Plane
- 3) Scraping Plane

## ADJUSTABLE PARALLELS



This is made of Stainless Steel, It provides a wide range of use in layout, gaging, inspection work and for setups on various machine tools.

These parallels are useful as gauges in checking the size of work on setups of milling and grinding machines, shapers, planers and drill presses. Its adjustable size of feature makes it possible to adjust it to exact size by micrometer measurement and also permits use in place of several solid type parallels.

Parallel slide smoothly and can be easily adjusted.  
All parallel are 9/32" (7mm) thick

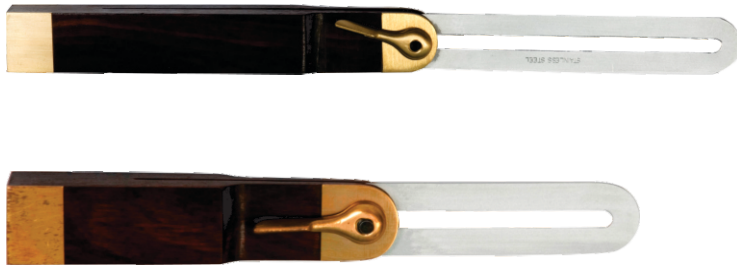
Range :- 11/16" (17.5mm) to 15/16" (24mm)

## WOODEN SCRATCH AWL



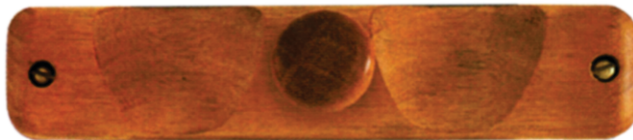
The scratch awl is used to make any kind of marking & layout on wood. It has a 3" long rose wood handle with two flats. The high carbon steel blade dose not dull quickly & is hardened to very high RC.

## SLIDING BEVEL



The sliding bevel have a stainless still blade & is used to measure angles. It is available in two different sizes i.e. with 6" & 8" blade.

## WOODEN SCRAPER HOLDER



It is an ideal tool used for scraping the wood by putting the blade in the scraper holder. A centrally threaded nob is provided for fastening the blade.

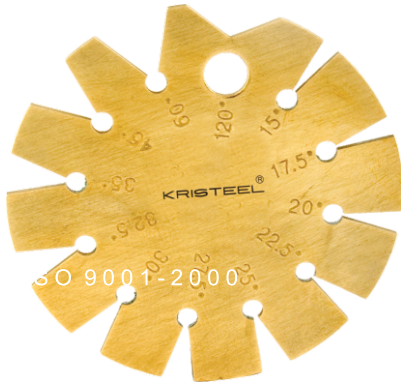
## WOODEN SCRAPERS BLADE SET



This set of blades are sharpened properly so that they are capable of removing the finest shavings & thus leave a smoother surface finish.

Available in 4 piece sets : square 150 x 150 mm, convex/ concave 150 x 50mm, barrel shaped 140 x 70 mm, gooseneck 130 x 70 mm.

## BEVEL GAUGE



The Bevel Gauge is an indispensable measuring tool for checking Bevel Gauges i.e. 12 Angles (15 degrees to 120 degrees). It can be used extensively by Wood workers.

## BRASS CENTRE FINDER



Every wood worker appreciate the value of this Tool. Simply place this tool at the end of round piece of wood and mark two different dimensions as shown in the photograph. The Brass Finder is 130 mm long and can be used for a maximum diameter of 220 mm.

## STAINLESS STEEL DOVETAIL MARKER



In cutting dovetails joints by hand, it is essential to mark the pins at the same angle throughout the length of the joint. This dovetail marker will enable you to mark dovetails at two slopes, 1:8 as well as 1:5. The steeper slope is used in hardwoods and the other in softwoods. Now you can mark all your dovetail joints quickly and accurately.

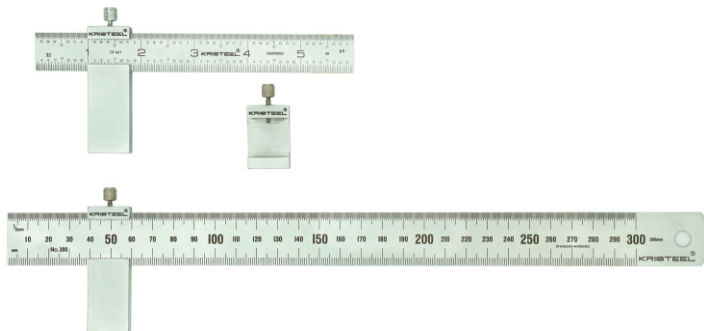
## DELUX BRASS DOVETAIL MARKER.



Material :- Brass  
 Model :- 1:7 & 1:9 (7" & 9")  
 Finish :- Polished (Lacquered)

There are two models of Dovetail Markers 1:7 & 1:9. These solid brass markers are used for marking both the dovetail angle and the 90 degree scoring for the "pins". 1:9 ratio with its steeper ratio is suitable for hardwoods. and 1:7 ratio is suitable for softwoods.  
 Packed in card paper box.

## RULE STOPPERS



The Stainless Steel Rule stoppers are designed to fit comfortably between thumb & fore finger with raised ridges for a better grip. It can fit rulers from 22.2 mm to 28.5 mm wide & upto 1.2 mm thick with the length ranging from 150mm to 600 mm slide the stop over the ruler & tight it at the desired position. The notched part of the brass adjustment screw ensures even the thinnest rulers to be champed securely. This ruler's stop has precise application as it provides a solid reference point.

Popularly used in the woodworking industry, general sheet metal fabrication industry.

## BRASS BARS.



There are two models of Dovetail Markers 1:7 & 1:9. These solid brass markers are used for marking both the dovetail angle and the 90 degree scoring for the "pins". 1:9 Ratio with its steeper ratio is suitable for hardwoods. And 1:7 Ratio is suitable for softwoods.

Range:- 1:7 & 1:9 (7° & 9°)

Finish: Polished (Lacquered)

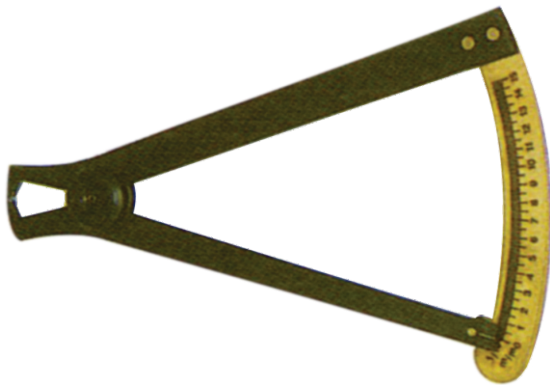


## POINTED TIP TWEEZER



It has a length of 110 mm. This high quality Tweezers is made of Stainless Steel for technical applications.

## DIAMOND GAUGE



This is a classic tool, which is used by Watch Makers and Jewellers for measuring small components quickly and accurately. Its fine points allow high precision measurements. Spring-loaded re-coil effect facilitates one-handed use. This Gauge comes with a Brass Scale.

## JEWELLER'S DRILL



This Drill comes within overall length of 190 mm and is used for making fine holes having diameter 0-1 mm, it also have four jaw chuck and a metal handle.

## ROUND TIP TWEEZER



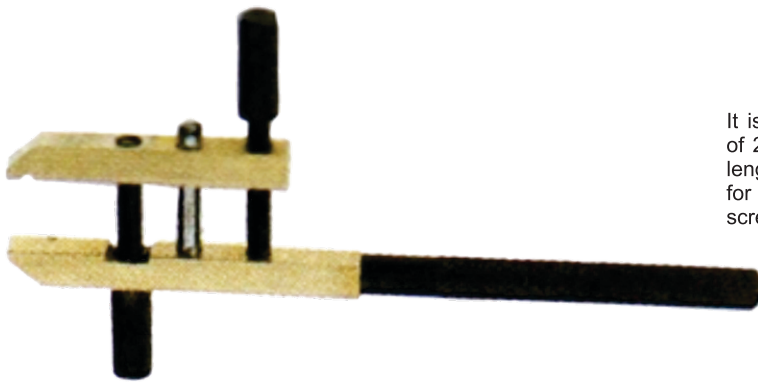
The Round Tip Tweezers has a length of 110 mm. It is high quality Tweezers made of Stainless Steel and used for technical applications. It has a curved design.

## ASSEMBLY TWEEZER



It has length of 160 mm. This is high quality Tweezers made of Stainless Steel for technical applications.

## HAND WISE WITH NARROW JAW



It is provided with double-guided rods and has jaw height of 20 mm. It has maximum opening of 15 mm and overall length of 140 mm and width of 7.5 mm. This product is used for holding small Brass parts textured faces, knurled screws and handles made of Steels.

## MINI CHISEL SET



The Mini Chisel Set made of Steel is used by all Jewellers for miniature Chiseling Operations.

## ADJUSTABLE GLASS SPIRIT LAMP



This Glass Spirit Lamp has a Wick adjusting attachment and a Glass container having 120 ccm capacity, burning time is 2-3 hours. This Lamp can be set upright or at an angle due its polygonal base.

## GLASS SPIRIT LAMP



This Glass Spirit Lamp does not have a Wick adjusting attachment. It has a Glass container having 120 ccm capacity, burning time is 2-3 hours. This Lamp can be set upright or at a angle due to polygonal base

## HOOK &amp; PICK SET



Hook and Pick Set is a set of 6 Tools available in length ranging from 130mm to 160mm. Stainless Steel dental Hook and Pick Set comes with fine needle point tips for picking up, adjusting, marking and cleaning objects.

## DIAMOND GAUGE



This hand held stainless steel gauge is easy to use and convenient. The holes in the gauge are used to measure stones, while the extensions are used to measure mountings. Makes comparing 2 similar sizes easy. One side shows, millimeters, the other side shows the corresponding carat measurements. Measures 2 mm- 11 mm in 5 mm increments.

Measures and compare round gemstones and mountings  
Measures 2-11 mm in 5 mm increments.  
19 sizes total  
Measures in carats and millimeters.

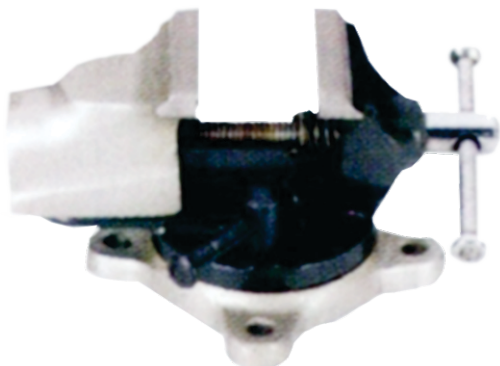
Range: - 2.0 to 11.0 mm (1/32 to 4 carats)  
Finish: - Polished

## MINIATURE ANVIL



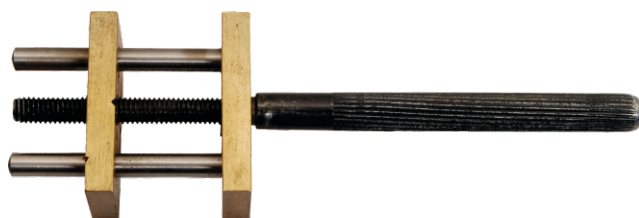
It has a length of 130 mm and weighs approx 550 gms. It has a round and flat horn and is ideal for jewellery manufacturing. It is made of forged Steel mounted on Solid Iron Base.

## MINIATURE WISE



It has a maximum opening of 30 mm and jaw width of 48 mm with approx weight of 950 gms. It has a parallel wise for clamping small objects. It can be rotated 360 degrees and locked into a position via its swivel base. It is made of Cast Iron with Polished Jaws.

## HAND WISE WITH WIDE JAWS



It is provided with double-guided rods and has jaw height of 15 mm. It has maximum opening of 40 mm and overall length of 130 mm and width of 38 mm. This product is used for holding small Brass parts textured faces, knurled screws and handles made of Steel.



## STRAIGHT END SCRIBER



This scriber made of chrome vanadium steel with knurled handle. Diameter 8 mm. Replaceable points individually packed. Available size : 175 mm

## L SHAPED BLACKODISED SCRIBER



This scriber made of chrome vanadium steel with knurled handle. Diameter 8 mm. Straight/angled end individually packed. Available size : 250 mm

## HEXAGONAL PEN SHAPE SCRIBER (CARBIDE TIP)



This scriber has a carbide tip with hexagonal handle. Diameter 6 mm. A pocket clip is provided & individually packed in PVC pouch. Available Size : 150 mm

## PEN SHAPED SCRIBER (HSS TIP)



This scriber has a HSS tip Diameter 6 mm, A pocket clip is provided & individually packed in PVC pouch.

## DIVIDERS

### DIVIDER



Made of special steel, rivet hinge with hardened points.

| Model No. | Length |
|-----------|--------|
| D-150     | 150 mm |
| D-200     | 200 mm |
| D-250     | 250 mm |
| D-300     | 300 mm |
| D-400     | 400 mm |
| D-500     | 500 mm |

### DIVIDERS WITH QUADRANT



Made of special steel, rivet hinge with hardened points.

| Model No. | Length |
|-----------|--------|
| DQ-150    | 150 mm |
| DQ-200    | 200 mm |
| DQ-250    | 250 mm |
| DQ-300    | 300 mm |
| DQ-400    | 400 mm |
| DQ-500    | 500 mm |

### DIVIDERS WITH PENCIL HOLDER



Made of special steel, hardened points with pencil holder.

| Model No. | Length |
|-----------|--------|
| DPH-150   | 150 mm |
| DPH-200   | 200 mm |
| DPH-300   | 300 mm |

## SPRING DIVIDER



These dividers are harden points with an arrangement of quick acting set screw. Each divider is individually packed.

| Model No. | Length |
|-----------|--------|
| SD-125    | 125 mm |
| SD-150    | 150 mm |
| SD-200    | 200 mm |
| SD-250    | 250 mm |
| SD-300    | 300 mm |

## INSIDE CALIPER

## CALIPERS



These calipers are harden points with an arrangement of quick acting set screw. Each caliper is individually packed.

| Model No. | Length |
|-----------|--------|
| IC-125    | 125 mm |
| IC-150    | 150 mm |
| IC-200    | 200 mm |
| IC-250    | 250 mm |
| IC-300    | 300 mm |

## OUTSIDE CALIPER



These calipers are harden points with an arrangement of quick acting set screw. Each caliper is individually packed.

| Model No. | Length |
|-----------|--------|
| OC-125    | 125 mm |
| OC-150    | 150 mm |
| OC-200    | 200 mm |
| OC-250    | 250 mm |
| OC-300    | 300 mm |

## INSIDE CALIPER WITH RIVET



These are made of special steel & are hinged with a rivet.

| Model No. | Length |
|-----------|--------|
| OCR-150   | 150 mm |
| OCR-200   | 200 mm |
| OCR-250   | 250 mm |
| OCR-300   | 300 mm |
| OCR-400   | 400 mm |
| OCR-500   | 500 mm |

## OUTSIDE CALIPER WITH RIVET



Made of special steel, rivet hinge & individually packed

| Model No. | Length |
|-----------|--------|
| ICR-150   | 150 mm |
| ICR-200   | 200 mm |
| ICR-250   | 250 mm |
| ICR-300   | 300 mm |
| ICR-400   | 400 mm |
| ICR-500   | 500 mm |

## FIRM JOINT JENNY CALIPER (HERMAPHRODITE CALIPERS)



This rugged gauge, fabricated in CRCA / Structural steel used in various industry, Like fabricating workshop, Tools Room and also in wood working industries. Packed in PVC pouch and cardpaper box.

Range : Type A – 4", Type B – 6" & Type C – 8"  
Finish : Polished.



## How to identify Genuine Kristeel Products

Beware! You may find Kristeel look alike in the market being sold at cheaper than market prices. A dealer may even fool you into believing that the cheap price is due to a discount offered by the company.

The next time you encounter such an offer, ascertain its genuinity.  
Here's how you can do it.

**To identify an original Kristeel product, check for the following:**

Seal / Sticker on the flap.

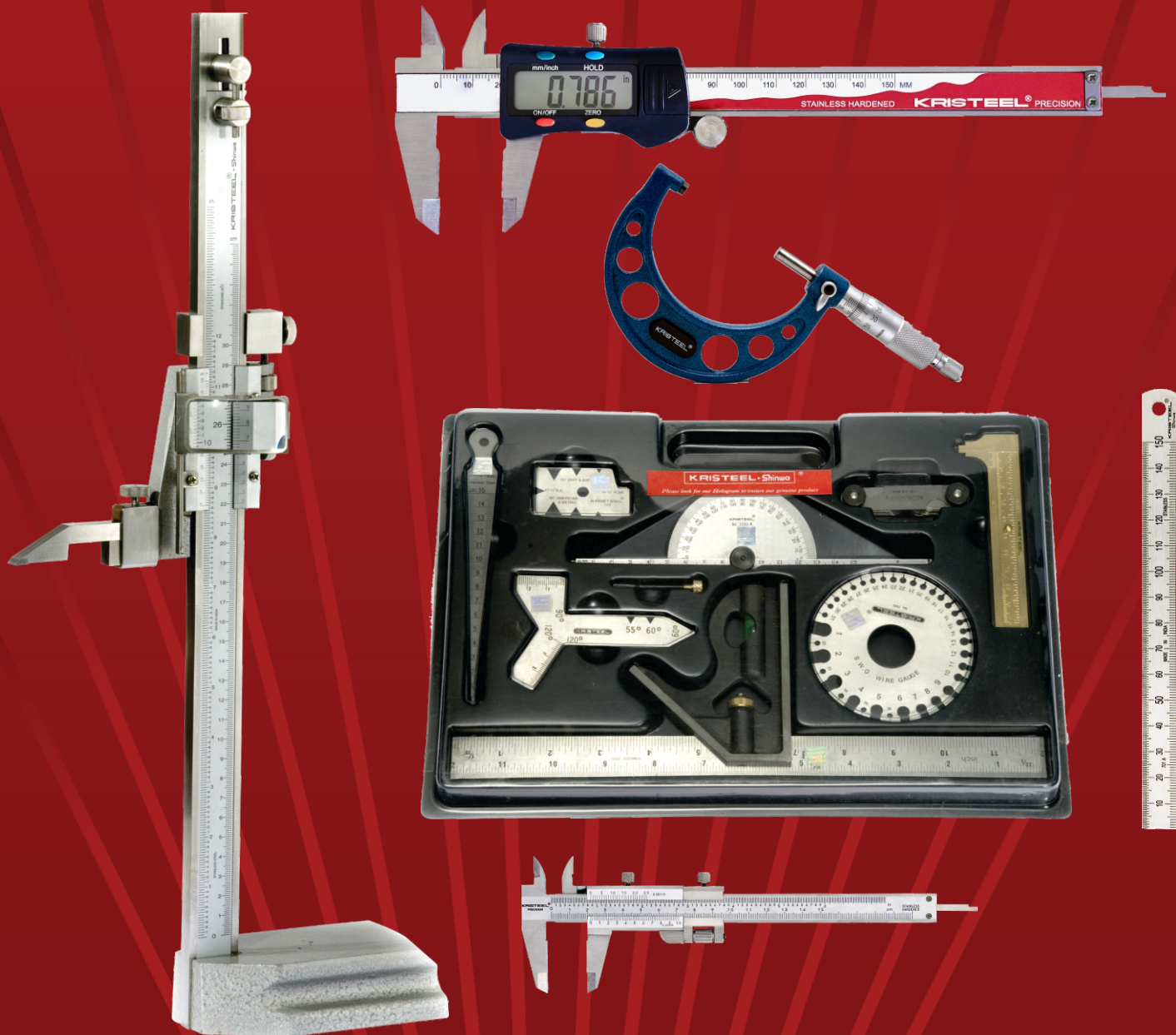
Permanent, non peeling D hologram on each product.

Smooth edges

Conversion table attached on the reverse

A little prudence will therefore enable you to identify an original Kristeel product from a poor quality duplicate. And ensure that in the lure of a bargain, you do not end up spending much much more. Think of what a cheaper, poor quality measuring tool can lead to. Frequent breakdowns, loss of vital man and machine hours, delay in production leading to delay in delivery, cancelled orders and lowering of Company image.

So be prudent, Be alert. And don't get fooled!



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