

Stainless Steel Rulers



Engineering Gauges



Woodworking Tools



Marking Tools



Jewellery Tools



Kits



*Decades of Engineering Excellence*



CORPORATE OFFICE



REGIONAL OFFICE (WEST)



WORKS (SILVASSA)

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

Also, mention-worthy is the certification we have received for our precision measuring rules from the European Economic Community (EEC) for accuracy as per Class- and standards. We are also certified as ISO 9001-2015 company by TUV, Sudddeutschland 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. 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 every single member of the **Kristeel** family. This 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 9001-2015 certification, EEC-norm certification from **Ministry of Belgium, Metrology Department**.

Now, we are working with renewed vision, die-hard determination, and incessant inspiration to do better than before, offering the customer unmatched precision, accuracy and reliability. We, at Kristeel, have always believed in investing in the latest technology 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.

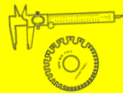
## Stainless Steel Rulers



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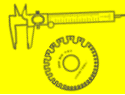
## Engineering Gauges



12-30

|  |              |  |              |
|--|--------------|--|--------------|
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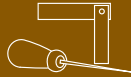
## Engineering Gauges



30-46

|   |       |  |       |
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## Wood Working Tools



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### WELDER KIT 2

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### WELDER KIT 3

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### FABRICATOR KIT

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### AUTOMOBILE KIT

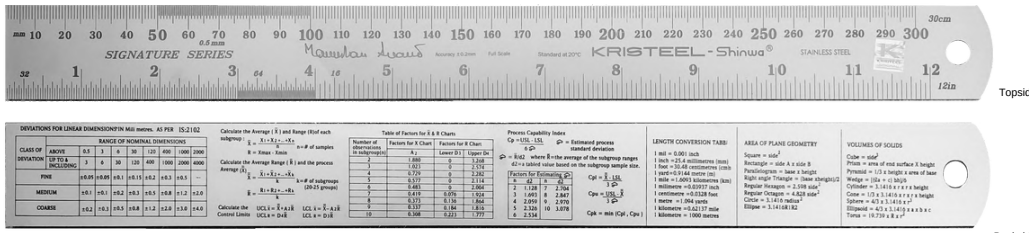
61-61

### ENGINEERS KIT

61-61

# STAINLESS STEEL RULERS

Stainless Steel Rule



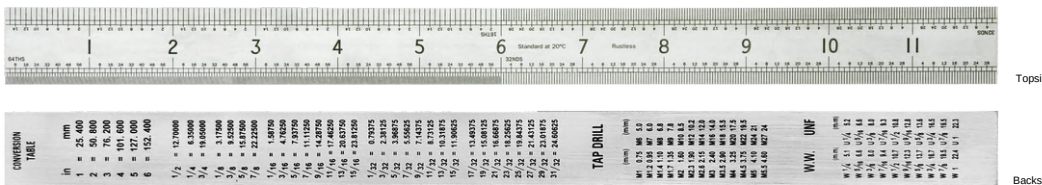
**Material:** Stainless Steel  
**Standard:** EEC - I  
**Least Count:** 0.5mm / 1/64"  
**Finish:** Satin Chrome  
**Graduation:** TOP SIDE; 0.5, 1 mm & 1/32, 1/64".  
**BACK SIDE:** Conversion Table

## SIGNATURE SERIES RULES- WITH CALIBRATION CERTIFICATE

**Model:SSC**

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 for 1000mm rule. Calibration Certificate confirming accuracy to EEC-1 International Standard (Euro Norm). Signature of Guarantee. Least count Measurement Chart. The important formula of Statistics with Charts. Area and volume charts. Length conversion table. Edges are Zero ground, hence users can easily measure from the zero graduation.

| Model No.  | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy ( $\pm\text{mm}$ ) |
|------------|-------------|------------|----------------|-------|-----------------------------|
| SSC - 12 A | 300/ 12in   | 30         | 1.0            | Rigid | 0.2                         |
| SSC - 24 B | 600/ 24in   | 30         | 1.0            | Rigid | 0.2                         |
| SSC - 36 B | 1000/ 36in  | 35         | 1.5            | Rigid | 0.2                         |



**Material:** Stainless Steel, Hardened & Tempered  
**Standard:** EEC - I  
**Least Count:** 0.5mm / 1/64"  
**Finish:** Satin Chrome  
**Graduation:** Deeply etched  
 Top Side: 1/10,1/20,1/50" & 1/16,1/32,1/64"  
 Bottom Side: Decimal Equivalent Table

## ENGLISH ONLY

**Model: 503**

FRONT SIDE: Top edge 1/10ths, 1/20ths, 1/50ths.  
 Bottom edge 1/16th, 1/32nds, 1/64ths,  
 REVERSE SIDE: Decimal Equivalents Table  
 Edges are Zero ground, hence users can easily measure from the zero graduation.

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy ( $\pm\text{mm}$ ) |
|-----------|-------------|------------|----------------|----------|-----------------------------|
| 503 A     | 300/ 12in   | 30         | 1.0            | Flexible | 0.2                         |
| 503 C     | 600/ 24in   | 30         | 1.0            | Rigid    | 0.2                         |
| 503 C     | 1000/ 36in  | 35         | 1.5            | Rigid    | 0.2                         |



## METRIC AND ENGLISH WITH CHROME FINISH AND RED MARKING

**Model: 101**

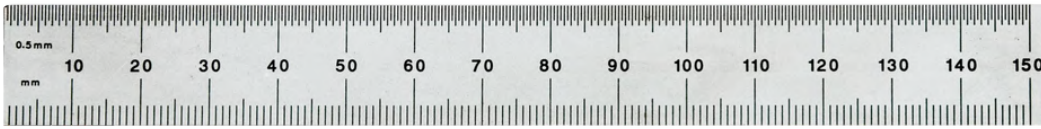
**Material:** Stainless Steel  
**Standard:** EEC-I  
**Least Count:** 0.5mm/1/64"  
**Finish:** Satin Chrome  
**Graduation:** Deeply etched TOP SIDE: 1/2 & 1 mm. BACK SIDE: 1/64,1/32/1/16" & 1/50.1/20.1/10"

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 of reading. The graduated length accuracy is EEC-1. Edges are Zero ground, hence users can easily measure from the zero graduation. The rulers are nicely packed in PVC pouches.

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy ( $\pm\text{mm}$ ) |
|-----------|-------------|------------|----------------|----------|-----------------------------|
| 101 A     | 150/6 in    | 15         | 0.5            | Flexible | 0.2                         |
| 101 C     | 300/12 in   | 25         | 1.0            | Rigid    | 0.2                         |
| 101 E     | 600/24 in   | 25         | 1.0            | Rigid    | 0.2                         |
| 101 F     | 1000/39 in  | 25         | 1.0            | Rigid    | 0.2                         |

# STAINLESS STEEL RULERS

Stainless Steel Rule



## SQUARE ENDED/METRIC OR ENGLISH\*

Model: 901

METRIC: Top edge 1/2mm, bottom edge mm

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

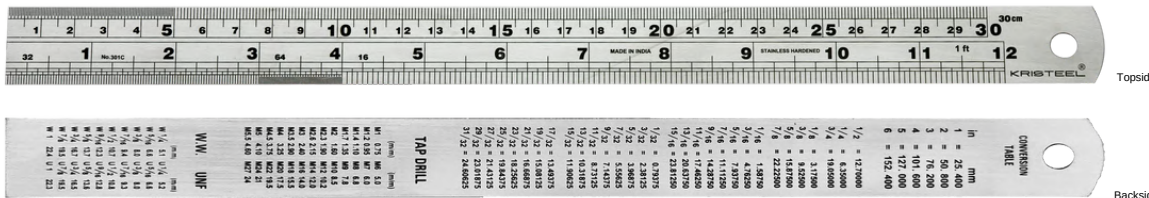
Bottom edge 1/16ths, 1/32nds, 1/64ths.

Edges are Zero ground, hence users can easily measure from the zero graduation.

**Material:** Stainless Steel  
**Standard:** EEC-I  
**Least Count:** 0.5mm/1/64"  
**Finish:** Satin Chrome  
**Graduation:** Deeply etched TOP SIDE: 1/2 & 1 mm. BACK SIDE: 1/64,1/32/1/16" & 1/50.1/20.1/10".

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------|----------------|
| 901 A     | 150/6in     | 15         | 0.5            | Flexible | 0.2            |
| 901 A     | 150/6in     | 15         | 1.0            | Flexible | 0.2            |
| 901 C     | 300/12in    | 25         | 0.8            | Rigid    | 0.2            |
| 901 C     | 300/12in    | 25         | 1.0            | Rigid    | 0.2            |

\*Please specify when ordering



## METRIC AND ENGLISH

Model: 301

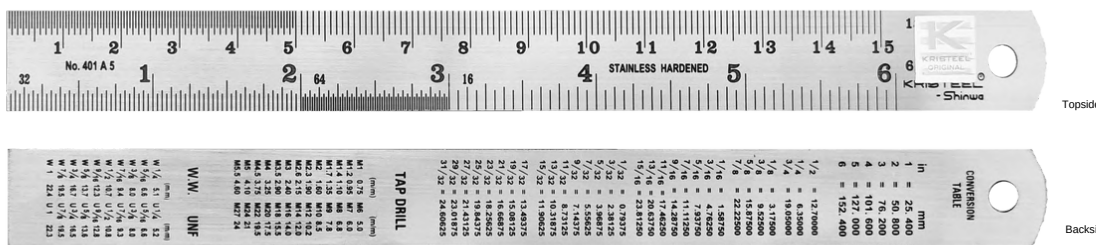
FRONT SIDE: Top edge 1/2 mm, mm. Bottom edge 1/16ths, 1/32nds, 1/64ths.

REVERSE SIDE: Conversion Table inches to mm

Edges are Zero ground, hence users can easily measure from the zero graduation.

**Material:** Stainless Steel  
**Standard:** EEC-II  
**Least Count:** 0.5mm/1/64"  
**Finish:** Polish  
**Graduation:** Deeply etched TOP SIDE: 1/2 , 1 mm & 1/64,1/32,1/16" BACK SIDE: Conversion Table

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------|----------------|
| 301 A     | 150/6 in    | 15         | 0.5            | Flexible | 0.5            |
| 301 C     | 300/12 in   | 25         | 0.5            | Flexible | 0.5            |
| 301 C     | 300/12 in   | 25         | 1.0            | Flexible | 0.5            |
| 301 E     | 600/24 in   | 30         | 1.0            | Flexible | 0.5            |
| 301 E     | 600/24 in   | 30         | 1.2            | Flexible | 0.5            |



## METRIC AND ENGLISH

Model: 401

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

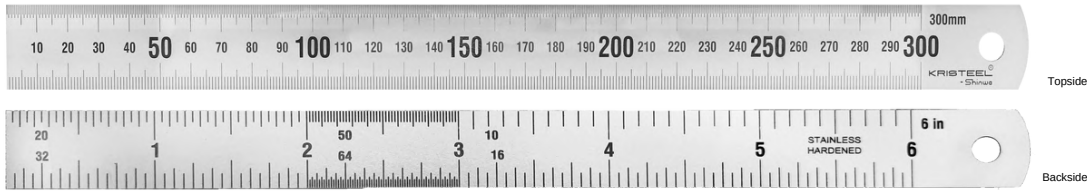
Bottom edge 1/16ths, 1/32nds, 1/64ths.

REVERSE SIDE: Conversion Table inches to mm

Edges are Zero ground, hence users can easily measure from the zero graduation.

**Material:** Stainless Steel  
**Standard:** EEC-II  
**Least Count:** 0.5mm/1/64"  
**Finish:** Polish  
**Graduation:** Deeply etched TOP SIDE: 1/2 , 1 mm & 1/64,1/32,1/16" BACK SIDE: Conversion Table

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------|----------------|
| 401 A     | 150/6 in    | 15         | 0.5            | Flexible | 0.5            |
| 401 C     | 300/12 in   | 25         | 1.0            | Rigid    | 0.5            |
| 401 E     | 600/24 in   | 25         | 1.0            | Rigid    | 0.5            |
| 401 F     | 1000/36 in  | 30         | 1.2            | Rigid    | 0.5            |
| 401 G     | 1200/48 in  | 35         | 1.2            | Rigid    | 0.7            |
| 401 J     | 2000/79 in  | 35         | 2.0            | Rigid    | 0.7            |
| 401 K     | 3000/118 in | 40         | 2.0            | Rigid    | 1.8            |



**Material:** Stainless Steel  
**Standard:** EEC-II  
**Least Count:** 0.5mm/1/64"  
**Finish:** Polish  
**Graduation:** Deeply etched TOP SIDE: 1/2 & 1 mm. BACK SIDE: 1/64, 1/32/1/16" & 1/50.1/20.1/10".

## METRIC AND ENGLISH

**Model: 801**

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

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

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

Edges are Zero ground, hence users can easily measure from the zero graduation.

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------|----------------|
| 801 A     | 150/6 in    | 15         | 0.5            | Flexible | 0.5            |
| 801 C     | 300/12 in   | 25         | 0.8            | Rigid    | 0.5            |
| 801 C     | 300/12 in   | 25         | 1.0            | Rigid    | 0.5            |



**Material:** Stainless Steel  
**Standard:** EEC-II  
**Least Count:** 0.5mm  
**Finish:** Polish  
**Graduation:** Deeply etched TOP SIDE: 1/2 & 1 mm. BACK SIDE: 1/2 & 1 mm

## NARROW FLEXIBLE RULES

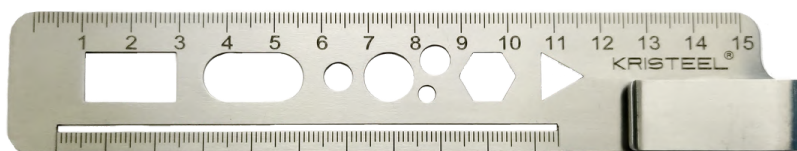
**Model: 701**

METRIC ONLY

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

Edges are Zero ground, hence users can easily measure from the zero graduation.

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------|----------------|
| 701 A     | 150         | 13         | 0.5            | Flexible | 0.5            |
| 701 B     | 200         | 15         | 0.5            | Flexible | 0.5            |
| 701 C     | 300         | 15         | 0.5            | Flexible | 0.5            |
| 701 D     | 600         | 20         | 0.5            | Flexible | 0.5            |
| 701 E     | 1000        | 25         | 0.5            | Flexible | 0.5            |



**Material:** Stainless Steel  
**Range:** 0 - 150mm  
**Standard:** EEC-I  
**Least Count:** 1.0mm  
**Finish:** Polished

## CLIP RULE WITH GEOMETRIC SHAPES

**Model: CRGS06**

To check linear distances up to 150mm can draw the different shapes in flow charts. The inbuilt clip can easily fit in the pocket.

| Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-------------|------------|----------------|-------|----------------|
| 170         | 30         | 1              | Rigid | 0.5            |



# STAINLESS STEEL RULERS

Stainless Steel Rule



## POCKET CLIP RULE- DEPTH GAUGE COMBINATION

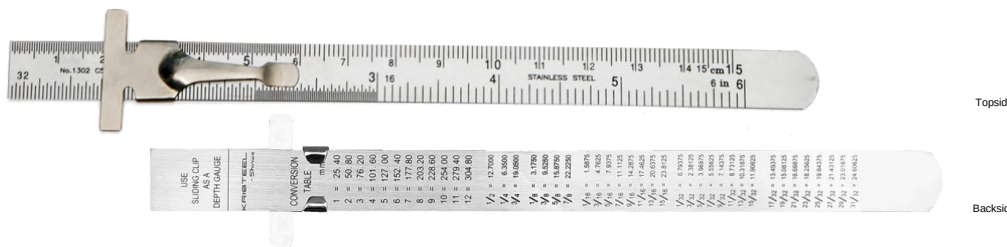
Model: 1202

METRIC AND ENGLISH

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

**Material:** Stainless Steel  
**Standard:** EEC-II  
**Least Count:** 0.5mm/1/32"  
**Finish:** Polish  
**Graduation:** Deeply etched  
TOP SIDE: 0.5,1 mm & 1/32".  
BACK SIDE: Blank.

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------|----------------|
| 1202      | 150/6 in    | 6          | 0.5            | Flexible | 0.5            |



## POCKET CLIP RULE- DEPTH GAUGE COMBINATION

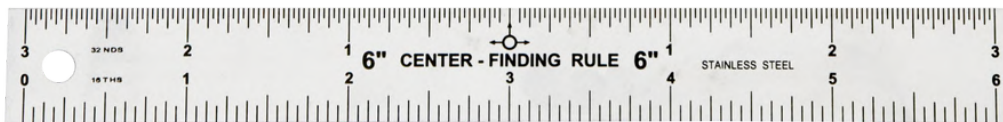
Model: 1302

METRIC AND ENGLISH

FRONT SIDE: Top edge 1/2mm, mm,  
Bottom edge 1/16th, 1/32nds, 1/64ths,  
REVERSE SIDE: Conversion Table inches to mm

**Material:** Stainless Steel  
**Standard:** EEC-II  
**Least Count:** 0.5mm/1/64"  
**Finish:** Polish / Chrome  
**Graduation:** Deeply Etched TOP  
SIDE: 1/2, 1 mm & 1/64,1/32,1/16".  
BACK SIDE: Conversion Table

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------|----------------|
| 1302      | 150/6 in    | 12         | 0.5            | Flexible | 0.5            |



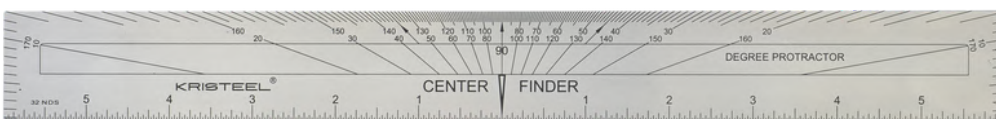
## CENTRE FINDING RULE

Model: CFR

**Material:** Stainless Steel  
**Standard:** EEC-II  
**Least Count:** 1/32"  
**Finish:** Polish / Chrome  
**Graduation:** 1/32" & 1/16"

The Centre finding rule is a 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 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 No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| CFR 6     | 150         | 18         | 1.0            | Rigid | 0.2            |
| CFR 12    | 300         | 25         | 1.0            | Rigid | 0.2            |
| CFR 24    | 600         | 25         | 1.0            | Rigid | 0.2            |
| CFR 36    | 1000        | 25         | 1.0            | Rigid | 0.2            |



## CENTRE FINDER CUM PROTRACTOR SCALE

Model: CSPS-12

**Material:** Stainless Steel  
**Standard:** EEC-II  
**Least Count:** 1mm & 1/32"  
**Finish:** Polish / Chrome  
**Graduation:** Top side: 1 mm & 1° & Backside: 1/32" & 1°  
**Range:** 0-300mm/12", 0-180 degree

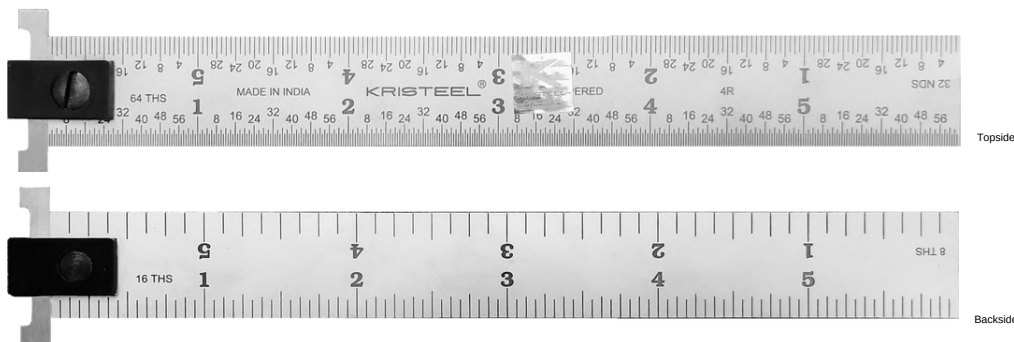
This scale is a very precise stainless steel polished rule having metric & English graduations. This scale also has Angle Protractor Marking up to 180. This scale is useful in fabrication to mark angles for cutting the sheet to make a different joint. A major application in the woodworking industry for marking and also useful in pipe fabrication to mark on sheets.

Scale Width-35mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| CSPS-12   | 300         | 35         | 1.0            | Rigid | 0.5            |

# STAINLESS STEEL RULERS

Stainless Steel Rule



**Material:** Stainless Steel  
**Standard:** EEC - I  
**Least Count:** 1/64"  
**Finish:** Satin Chrome  
**Graduation:** TOP SIDE: 1/8", 1/16".  
 BACK SIDE: 1/32", 1/64".

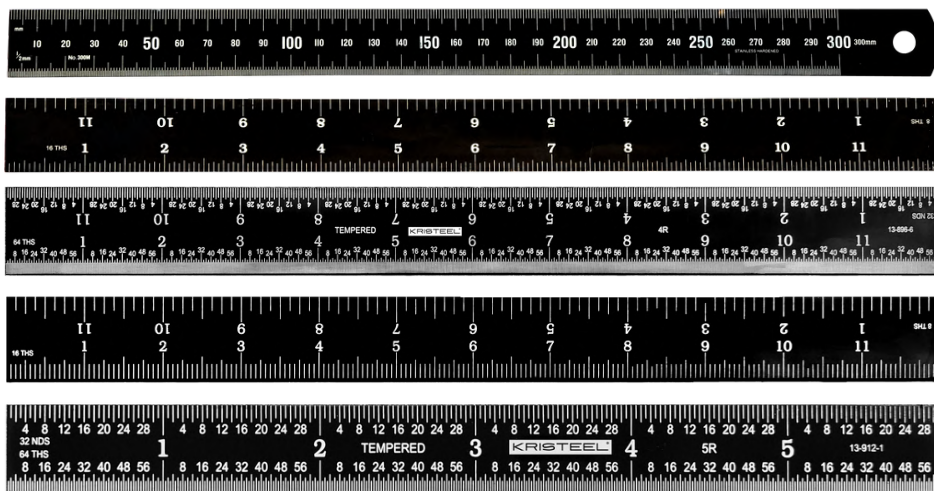
Available in sizes 150mm & 300mm

## HOOK RULE

**Model:** HR-6, HR-12

An easy tool for carpenters provided with a hook for ease of operation on the workpiece. This scale is known as the 4R rule, each of which has four different scales. One face has 1/8" & 1/16" division, the other 1/32" & 1/64" divisions. The scale has adjustable hooks, meaning that you can slide the hook fully to one side so that it clears the opposite edge.

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| HR 6      | 150         | 18         | 1.0            | Rigid | 0.2            |
| HR 12     | 300         | 25         | 1.0            | Rigid | 0.2            |



**Material:** Stainless Steel  
**Standard:** EEC - I  
**Least Count:** 1/64"  
**Finish:** Black Chrome  
**Graduation:** TOP SIDE: 1/8", 1/16".  
 BOTTOM SIDE: 1/32", 1/64".

## BLACK CHROME RULE/ EASY LOOK RULE

**Model:** BCR

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

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| BCR       | 300         | 25         | 1.0            | Rigid | 0.2            |



## BRASS RULES

**Model:** BR C  
 BR E  
 BR F

**Material:** Brass  
**Standard:** EEC-II  
**Least Count:** 1mm  
**Finish:** Polish  
**Graduation:** 1 mm / 1 cm & Back Side: Blank

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

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| BR C      | 300         | 19         | 1.2            | Rigid | 0.5            |
| BR E      | 600         | 19         | 1.2            | Rigid | 0.5            |
| BR F      | 1000        | 19         | 1.2            | Rigid | 0.5            |

# STAINLESS STEEL RULERS

Stainless Steel Rule



## FOLDING RULE

**Model: 1204, 1205, 1206, 1207, 1208, 1209, 1210**

### METRIC ONLY

Top edge 1/2mm, mm; Bottom edge 1/2mm, mm: 6 Fold

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Fold | Type     | Accuracy (±mm) |
|-----------|-------------|------------|----------------|------|----------|----------------|
| 1204      | 1000        | 15         | 0.5            | 6    | Flexible | 0.5            |

### METRIC AND ENGLISH SIX MODELS

Top edge 1/2mm, mm; Bottom edge 1/16ths, 1/32nds, 1/64ths

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Fold | Type     | Accuracy (±mm) |
|-----------|-------------|------------|----------------|------|----------|----------------|
| 1205      | 1000 / 36in | 15         | 0.5            | 6    | Flexible | 0.5            |
| 1206      | 1000 / 36in | 15         | 0.5            | 4    | Flexible | 0.5            |
| 1207      | 600 / 24in  | 22         | 0.5            | 2    | Flexible | 0.5            |
| 1208      | 600 / 24in  | 12         | 0.5            | 6    | Flexible | 0.5            |
| 1209      | 600 / 24in  | 15         | 0.5            | 4    | Flexible | 0.5            |
| 1210      | 300 / 12in  | 12         | 0.5            | 3    | Flexible | 0.5            |



**Material:** Stainless Steel  
**Standard:** EEC - II  
**Least Count:** 0.5mm  
**Finish:** Polish  
**Graduation:** 0.5, 1 mm

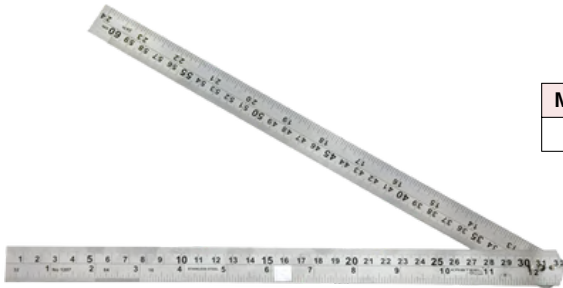
## LINE OF CHORD RULE

600MM 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 centre dots are provided, one on each blade 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 a 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 a PVC pouch with an instruction leaflet.

**Model: 1211**

**Material:** Stainless Steel  
**Standard:** EEC - II  
**Least Count:** 1 mm & 1°  
**Finish:** Polish  
**Graduation:** 1 mm Both side



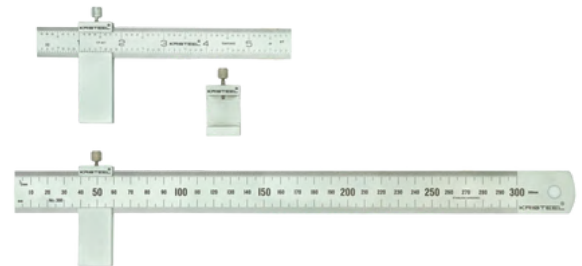
| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| 1211      | 600         | 19         | 1.0            | Rigid | 0.5            |

## RULE STOPPERS

The stainless steel rule stoppers are designed to fit comfortably between the thumb and forefinger with raised ridges for a better grip. It can fit rulers from 22.2mm to 28.5mm wide & up to 1.2mm thick with a length ranging from 150mm to 600mm slide the stop over the ruler & tighten it at the desired position. The notched part of the brass adjustment screw ensures even the thinnest rulers are clamped securely. This ruler stop has precise application as it provides a solid reference point.

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

**Model: RST**



**Material:** Stainless Steel  
**Standard:** EEC-II  
**Range:** 6" to 39"

| Model No. | For Length (mm) | Stopper Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-----------------|---------------------|------------|----------------|-------|----------------|
| 3606      | 150/6inch       | 30                  | 20         | 6.0            | Rigid | 0.2            |
| 3607      | 300/12inch      | 30                  | 20         | 6.0            | Rigid | 0.2            |
| 3608      | 600/24inch      | 30                  | 20         | 6.0            | Rigid | 0.2            |
| 3609      | 1000/39inch     | 40                  | 25         | 6.0            | Rigid | 0.2            |



**Material:** Stainless Steel  
**Standard:** EEC-II  
**Least Count:** 0.5mm / 1/16"  
**Finish:** Polish  
**Graduation:** TOP SIDE: 0.5 , 1 mm / 1/8 , 1/16".  
 BACK SIDE: Cork Pasted.

## NON-SKID RULE

**Model: NSR-6, NSR-12, NSR-18, NSR-24**

Made in 0.5mm thick stainless steel with a cork backing for antiskid. A very handy tool for draftsmen and artists

Available in sizes: 6",12",18" & 24".

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------|----------------|
| NSR 6     | 150         | 32         | 0.5            | Flexible | 0.5            |
| NSR 12    | 300         | 32         | 0.5            | Flexible | 0.5            |
| NSR 18    | 450         | 32         | 0.5            | Flexible | 0.5            |
| NSR 24    | 600         | 32         | 0.5            | Flexible | 0.5            |
| NSR 36    | 1000        | 32         | 0.5            | Flexible | 0.5            |

## KRISTEEL QUICK RULER 300MM WITH MARKING SLOT

**Model: KQR300**



The scale factor is a measure by which the size of any geometrical figure could be varied with respect to original shape

**Material:** Stainless Steel, Full Hard  
**Finish:** Polished  
**Standard:** EEC-I  
**Least Count:** 1°  
**Graduation:** Angular 0-180° deeply etched  
**Range:** 0° to 180°

| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| KQP - 180 | 304.8       | 38         | 0.25           |

## STRAIGHT EDGE

## STRAIGHT EDGE WITH BEVEL

**Model:** SE - 12 SEB - 12  
 SE - 24 SEB - 24  
 SE - 36 SEB - 36

**Material:** Tool Steel  
**Standard:** DIN 874 -II  
**Finish:** Satin Chrome  
**Range:** 12", 24", 36"

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

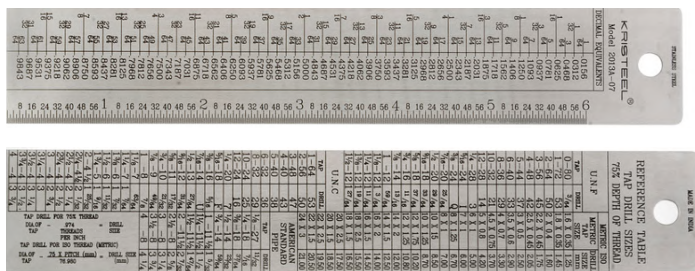
| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| SE-12     | 304.8       | 37.5       | 8.0            | Rigid | per. 0.021     |
| SE-24     | 609.6       | 37.5       | 8.0            | Rigid | per. 0.027     |
| SE-36     | 914.4       | 37.5       | 8.0            | Rigid | per. 0.033     |
| SEB-12    | 304.8       | 37.5       | 8.0            | Rigid | per. 0.021     |
| SEB-24    | 609.6       | 37.5       | 8.0            | Rigid | per. 0.027     |
| SEB-36    | 914.4       | 37.5       | 8.0            | Rigid | per. 0.033     |



## REFERENCE TABLE WITH RULE

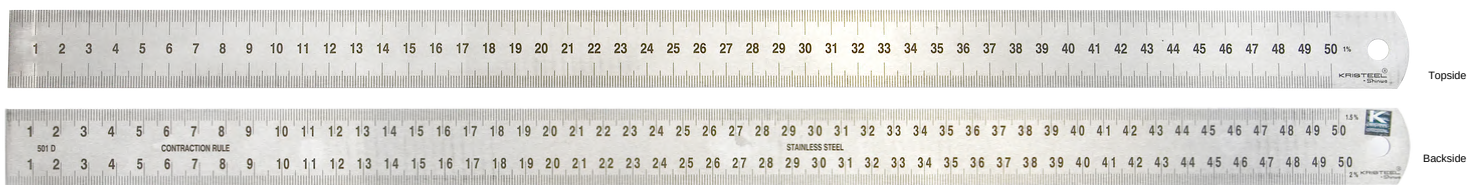
**MODEL: RTR**

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.



**Material:** Stainless Steel  
**Finish:** Polished  
**Standard:** EEC-I  
**Least Count:** 1/64"  
**Graduation:** Top Side: Inch 1/64 , 1/32", BackSide: Drill & Tap Sizes Table

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| RTR       | 180         | 32         | 1              | RIGID | 0.2mm          |



## CONTRACTION (SHRINKAGE) 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 used as a guide only. Each user must judge for himself.

**Material:** Stainless Steel  
**Standard:** EEC-II  
**Least Count:** 1mm  
**Finish:** Polish  
**Graduation:** Topside: Metric 1 mm & Backside: Contraction 1% to 2%

| Model No. | Length & Contraction                          | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|---|------------|----------------|-------|----------------|
| 501D      | 500mm - 3 - Contraction 1%, 1.5%, 2%          | 30         | 1.0            | Rigid | 0.5            |
| 501F      | 1000mm - 3 - Contraction 1%, 1.5%, 2%         | 30         | 1.0            | Rigid | 0.5            |
| 502D      | 500mm - 4 - Contraction 1.2%, 1.5%, 1.8%, 2%  | 30         | 1.0            | Rigid | 0.5            |
| 502F      | 1000mm - 4 - Contraction 1.2%, 1.5%, 1.8%, 2% | 30         | 1.0            | Rigid | 0.5            |
| 503D      | 500mm - Single Contraction 2.5%               | 30         | 1.0            | Rigid | 0.5            |
| 601D      | 500mm - Single Contraction 1%                 | 30         | 1.0            | Rigid | 0.5            |
| 601F      | 1000mm - Single Contraction 1%                | 30         | 1.0            | Rigid | 0.5            |
| 602D      | 500mm - Single Contraction 1.5%               | 30         | 1.0            | Rigid | 0.5            |
| 602F      | 1000mm - Single Contraction 1.5%              | 30         | 1.0            | Rigid | 0.5            |
| 603D      | 500mm - Single Contraction 1.8%               | 30         | 1.0            | Rigid | 0.5            |
| 603F      | 1000mm - Single Contraction 1.8%              | 30         | 1.0            | Rigid | 0.5            |
| 604D      | 500mm - Single Contraction 2%                 | 30         | 1.0            | Rigid | 0.5            |
| 604F      | 1000mm - Single Contraction 2%                | 30         | 1.0            | Rigid | 0.5            |

## SPECIAL PURPOSE RULER (Customised 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 specially hardened and tempered stainless steel.
- Each Rule is "0" grounded hence the end user
- Improves the aesthetics of the graduated part on your machine, as the operator/ user always looks at the graduated part of the 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 profiles can be etched viz., cylindrical, semicircular, radial & linear.
- Main Scale & Vernier mounting scale available. Also various lengths of scales like 4000mm, 5000mm, 6000mm etc.. can also be manufactured.
- Rulers can be offered in polish or chrome finish.
- Rulers can be supplied along with a calibration certificate on request.



# STAINLESS STEEL RULERS

Stainless  
Steel Rule



**Material:** Stainless Steel

**Accuracy:** EEC-I  $\pm 0.2\text{mm}$   
EEC-II  $\pm 0.5\text{mm}$   
EEC-III  $\pm 1\text{mm}$

**Least Count:** 0.5mm / 1/64"

**Finish:** Satin Chrome, Polish,  
Black Chrome Easy Look.

**Graduation:** TOP SIDE: 0.5 , 1 mm.  
BACK SIDE: 1/32" , 1/64".

## RULERS WITH DIFFERENT GRADUATION STYLES

Kristeel Shinwa has over 5 decades of experience in manufacturing international quality steel rules with etched graduations for easy reading thereby making the most reliable, precise, and accurate rulers. We manufacture rulers with the Accuracy standards of EEC Class I, II & III. Each ruler is '0' ground hence the user can measure from the zero graduation.

| Model Type  | Overall Rulers Size (mm) | Graduation Type    | FRONT SIDE  | REVERSE SIDE        | ENDS          |
|-------------|--------------------------|--------------------|-------------|---------------------|---------------|
| 6" Flexible | 152.4 x 12.7 x 0.5       | 3R                 | 32NDS, 64TH | 10THS, 50THS        | Square Ends   |
|             |                          |                    | 4R          | 32NDS, 64TH         | 8THS, 16THS   |
|             |                          | 5R                 | 32NDS, 64TH | 10THS, 100THS       | Square Ends   |
|             |                          |                    | 6R          | 10THS, 50THS        | NO GRADUATION |
|             |                          | 10R                | 32NDS, 64TH | NO GRADUATION       | Square Ends   |
|             |                          |                    | 12R         | 50THS, 100THS       | NO GRADUATION |
|             |                          | 16R                | 32NDS, 64TH | 50THS, 100THS       | Square Ends   |
|             |                          |                    | ENG/METRIC  | 32NDS, 64TH         | MM, 1/2MM     |
|             |                          | METRIC             | MM, 1/2MM   | NO GRADUATION       | Square Ends   |
|             |                          |                    | 6" Rigid    | 152.4 x 19.05 x 1.0 | 3R            |
| 4R          | 32NDS, 64TH              | 8THS, 16THS        |             |                     |               |
| 5R          | 32NDS, 64TH              | 10THS, 100THS      |             |                     | Square Ends   |
|             | 6R                       | 10THS, 50THS       |             |                     | NO GRADUATION |
| 10R         | 32NDS, 64TH              | NO GRADUATION      |             |                     | Square Ends   |
|             | 12R                      | 50THS, 100THS      |             |                     | NO GRADUATION |
| 16R         | 32NDS, 64TH              | 50THS, 100THS      |             |                     | Square Ends   |
|             | ENG/METRIC               | 32NDS, 64TH        |             |                     | MM, 1/2MM     |
| METRIC      | MM, 1/2MM                | NO GRADUATION      |             |                     | Square Ends   |
|             | 12" Flexible             | 304.8 x 12.7 x 0.5 |             |                     | 3R            |
| 4R          |                          |                    | 32NDS, 64TH | 8THS, 16THS         |               |
| 5R          |                          |                    | 32NDS, 64TH | 10THS, 100THS       | Square Ends   |
|             |                          |                    | 6R          | 10THS, 50THS        | NO GRADUATION |
| 10R         |                          |                    | 32NDS, 64TH | NO GRADUATION       | Square Ends   |
|             |                          |                    | 12R         | 50THS, 100THS       | NO GRADUATION |
| 16R         |                          |                    | 32NDS, 64TH | 50THS, 100THS       | Square Ends   |
|             |                          |                    | ENG/METRIC  | 32NDS, 64TH         | MM, 1/2MM     |
| METRIC      |                          |                    | MM, 1/2MM   | NO GRADUATION       | Square Ends   |
|             |                          |                    | 12" Rigid   | 304.8 x 25.4 x 1.0  | 3R            |
| 4R          | 32NDS, 64TH              | 8THS, 16THS        |             |                     |               |
| 5R          | 32NDS, 64TH              | 10THS, 100THS      |             |                     | Square Ends   |
|             | 6R                       | 10THS, 50THS       |             |                     | NO GRADUATION |
| 10R         | 32NDS, 64TH              | NO GRADUATION      |             |                     | Square Ends   |
|             | 12R                      | 50THS, 100THS      |             |                     | NO GRADUATION |
| 16R         | 32NDS, 64TH              | 50THS, 100THS      |             |                     | Square Ends   |
|             | ENG/METRIC               | 32NDS, 64TH        |             |                     | MM, 1/2MM     |
| METRIC      | MM, 1/2MM                | NO GRADUATION      |             |                     | Square Ends   |

# STAINLESS STEEL RULERS

Stainless  
Steel Rule



| Model Type          | Overall Rulers Size (mm)      | Graduation Type  | FRONT SIDE                  | REVERSE SIDE  | ENDS        |
|---------------------|-------------------------------|------------------|-----------------------------|---------------|-------------|
| <b>18" Flexible</b> | <b>457.2 x 19.05 x 0.5</b>    | 3R               | 32NDS, 64TH                 | 10THS, 50THS  | Square Ends |
|                     |                               | 4R               | 32NDS, 64TH                 | 8THS, 16THS   | Square Ends |
|                     |                               | 5R               | 32NDS, 64TH                 | 10THS, 100THS | Square Ends |
|                     |                               | 6R               | 10THS, 50THS                | NO GRADUATION | Square Ends |
|                     |                               | 10R              | 32NDS, 64TH                 | NO GRADUATION | Square Ends |
|                     |                               | 12R              | 50THS, 100THS               | NO GRADUATION | Square Ends |
|                     |                               | 16R              | 32NDS, 64TH                 | 50THS, 100THS | Square Ends |
|                     |                               | ENG/METRIC       | 32NDS, 64TH                 | MM, 1/2MM     | Square Ends |
|                     |                               | METRIC           | MM, 1/2MM                   | NO GRADUATION | Square Ends |
|                     |                               | <b>18" Rigid</b> | <b>457.2 x 28.575 x 1.0</b> | 3R            | 32NDS, 64TH |
| 4R                  | 32NDS, 64TH                   |                  |                             | 8THS, 16THS   | Square Ends |
| 5R                  | 32NDS, 64TH                   |                  |                             | 10THS, 100THS | Square Ends |
| 6R                  | 10THS, 50THS                  |                  |                             | NO GRADUATION | Square Ends |
| 10R                 | 32NDS, 64TH                   |                  |                             | NO GRADUATION | Square Ends |
| 12R                 | 50THS, 100THS                 |                  |                             | NO GRADUATION | Square Ends |
| 16R                 | 32NDS, 64TH                   |                  |                             | 50THS, 100THS | Square Ends |
| ENG/METRIC          | 32NDS, 64TH                   |                  |                             | MM, 1/2MM     | Square Ends |
| METRIC              | MM, 1/2MM                     |                  |                             | NO GRADUATION | Square Ends |
| <b>24" Flexible</b> | <b>609.6 x 19.05 x 0.5</b>    |                  |                             | 3R            | 32NDS, 64TH |
|                     |                               | 4R               | 32NDS, 64TH                 | 8THS, 16THS   | Square Ends |
|                     |                               | 5R               | 32NDS, 64TH                 | 10THS, 100THS | Square Ends |
|                     |                               | 6R               | 10THS, 50THS                | NO GRADUATION | Square Ends |
|                     |                               | 10R              | 32NDS, 64TH                 | NO GRADUATION | Square Ends |
|                     |                               | 12R              | 50THS, 100THS               | NO GRADUATION | Square Ends |
|                     |                               | 16R              | 32NDS, 64TH                 | 50THS, 100THS | Square Ends |
|                     |                               | ENG/METRIC       | 32NDS, 64TH                 | MM, 1/2MM     | Square Ends |
|                     |                               | METRIC           | MM, 1/2MM                   | NO GRADUATION | Square Ends |
|                     |                               | <b>24" Rigid</b> | <b>609.5 x 28.575 x 1.0</b> | 3R            | 32NDS, 64TH |
| 4R                  | 32NDS, 64TH                   |                  |                             | 8THS, 16THS   | Square Ends |
| 5R                  | 32NDS, 64TH                   |                  |                             | 10THS, 100THS | Square Ends |
| 6R                  | 10THS, 50THS                  |                  |                             | NO GRADUATION | Square Ends |
| 10R                 | 32NDS, 64TH                   |                  |                             | NO GRADUATION | Square Ends |
| 12R                 | 50THS, 100THS                 |                  |                             | NO GRADUATION | Square Ends |
| 16R                 | 32NDS, 64TH                   |                  |                             | 50THS, 100THS | Square Ends |
| ENG/METRIC          | 32NDS, 64TH                   |                  |                             | MM, 1/2MM     | Square Ends |
| METRIC              | MM, 1/2MM                     |                  |                             | NO GRADUATION | Square Ends |
| <b>36" Flexible</b> | <b>914.4 x 19.05 x 0.5 mm</b> |                  |                             | 3R            | 32NDS, 64TH |
|                     |                               | 4R               | 32NDS, 64TH                 | 8THS, 16THS   | Square Ends |
|                     |                               | 5R               | 32NDS, 64TH                 | 10THS, 100THS | Square Ends |
|                     |                               | 6R               | 10THS, 50THS                | NO GRADUATION | Square Ends |
|                     |                               | 10R              | 32NDS, 64TH                 | NO GRADUATION | Square Ends |
|                     |                               | 12R              | 50THS, 100THS               | NO GRADUATION | Square Ends |
|                     |                               | 16R              | 32NDS, 64TH                 | 50THS, 100THS | Square Ends |
|                     |                               | ENG/METRIC       | 32NDS, 64TH                 | MM, 1/2MM     | Square Ends |
|                     |                               | METRIC           | MM, 1/2MM                   | NO GRADUATION | Square Ends |
|                     |                               | <b>36" Rigid</b> | <b>914.4 x 31.75 x 1 mm</b> | 3R            | 32NDS, 64TH |
| 4R                  | 32NDS, 64TH                   |                  |                             | 8THS, 16THS   | Square Ends |
| 5R                  | 32NDS, 64TH                   |                  |                             | 10THS, 100THS | Square Ends |
| 6R                  | 10THS, 50THS                  |                  |                             | NO GRADUATION | Square Ends |
| 10R                 | 32NDS, 64TH                   |                  |                             | NO GRADUATION | Square Ends |
| 12R                 | 50THS, 100THS                 |                  |                             | NO GRADUATION | Square Ends |
| 16R                 | 32NDS, 64TH                   |                  |                             | 50THS, 100THS | Square Ends |
| ENG/METRIC          | 32NDS, 64TH                   |                  |                             | MM, 1/2MM     | Square Ends |
| METRIC              | MM, 1/2MM                     |                  |                             | NO GRADUATION | Square Ends |

# STAINLESS STEEL RULERS

Stainless  
Steel Rule



| Model Type          | Overall Rulers Size (mm)        | Graduation Type  | FRONT SIDE                    | REVERSE SIDE  | ENDS        |
|---------------------|---------------------------------|------------------|-------------------------------|---------------|-------------|
| <b>48" Flexible</b> | <b>1219.02 x 19.05 x 0.5 mm</b> | 3R               | 32NDS, 64TH                   | 10THS, 50THS  | Square Ends |
|                     |                                 | 4R               | 32NDS, 64TH                   | 8THS, 16THS   | Square Ends |
|                     |                                 | 5R               | 32NDS, 64TH                   | 10THS, 100THS | Square Ends |
|                     |                                 | 6R               | 10THS, 50THS                  | NO GRADUATION | Square Ends |
|                     |                                 | 10R              | 32NDS, 64TH                   | NO GRADUATION | Square Ends |
|                     |                                 | 12R              | 50THS, 100THS                 | NO GRADUATION | Square Ends |
|                     |                                 | 16R              | 32NDS, 64TH                   | 50THS, 100THS | Square Ends |
|                     |                                 | ENG/METRIC       | 32NDS, 64TH                   | MM, 1/2MM     | Square Ends |
|                     |                                 | METRIC           | MM, 1/2MM                     | NO GRADUATION | Square Ends |
|                     |                                 | <b>48" Rigid</b> | <b>1219.02 x 31.75 x 1 mm</b> | 3R            | 32NDS, 64TH |
| 4R                  | 32NDS, 64TH                     |                  |                               | 8THS, 16THS   | Square Ends |
| 5R                  | 32NDS, 64TH                     |                  |                               | 10THS, 100THS | Square Ends |
| 6R                  | 10THS, 50THS                    |                  |                               | NO GRADUATION | Square Ends |
| 10R                 | 32NDS, 64TH                     |                  |                               | NO GRADUATION | Square Ends |
| 12R                 | 50THS, 100THS                   |                  |                               | NO GRADUATION | Square Ends |
| 16R                 | 32NDS, 64TH                     |                  |                               | 50THS, 100THS | Square Ends |
| ENG/METRIC          | 32NDS, 64TH                     |                  |                               | MM, 1/2MM     | Square Ends |
| METRIC              | MM, 1/2MM                       |                  |                               | NO GRADUATION | Square Ends |
| <b>72" Flexible</b> | <b>1828.8 x 19.05 x 0.5 mm</b>  |                  |                               | 3R            | 32NDS, 64TH |
|                     |                                 | 4R               | 32NDS, 64TH                   | 8THS, 16THS   | Square Ends |
|                     |                                 | 5R               | 32NDS, 64TH                   | 10THS, 100THS | Square Ends |
|                     |                                 | 6R               | 10THS, 50THS                  | NO GRADUATION | Square Ends |
|                     |                                 | 10R              | 32NDS, 64TH                   | NO GRADUATION | Square Ends |
|                     |                                 | 12R              | 50THS, 100THS                 | NO GRADUATION | Square Ends |
|                     |                                 | 16R              | 32NDS, 64TH                   | 50THS, 100THS | Square Ends |
|                     |                                 | ENG/METRIC       | 32NDS, 64TH                   | MM, 1/2MM     | Square Ends |
|                     |                                 | METRIC           | MM, 1/2MM                     | NO GRADUATION | Square Ends |
|                     |                                 | <b>72" Rigid</b> | <b>1828.8 x 31.75 x 1 mm</b>  | 3R            | 32NDS, 64TH |
| 4R                  | 32NDS, 64TH                     |                  |                               | 8THS, 16THS   | Square Ends |
| 5R                  | 32NDS, 64TH                     |                  |                               | 10THS, 100THS | Square Ends |
| 6R                  | 10THS, 50THS                    |                  |                               | NO GRADUATION | Square Ends |
| 10R                 | 32NDS, 64TH                     |                  |                               | NO GRADUATION | Square Ends |
| 12R                 | 50THS, 100THS                   |                  |                               | NO GRADUATION | Square Ends |
| 16R                 | 32NDS, 64TH                     |                  |                               | 50THS, 100THS | Square Ends |
| ENG/METRIC          | 32NDS, 64TH                     |                  |                               | MM, 1/2MM     | Square Ends |
| METRIC              | MM, 1/2MM                       |                  |                               | NO GRADUATION | Square Ends |





# ENGINEERING GAUGES

## SINGLE PC TRY SQUARE



**Material:** Tool Steel

**Finish:** Polished

**Standard:** Grade II

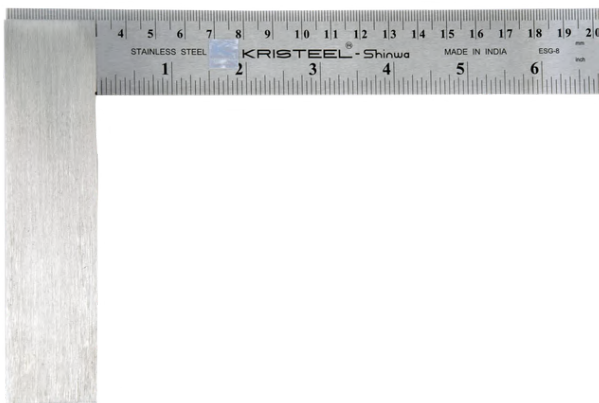
**Range:** 2", 3", 4", 6", 8", 9", 10 & 12"

### MODEL: SPTS

- Used for checking Squareness & straightness. Made from single-piece high-quality tool steel.
- The Inner & outer edges of the blade are bevelled at a 60° angle.
- The bevelled edge provides 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 No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm)        |
|-----------|-------------|------------|----------------|-------|-----------------------|
| SPTS      | 150         | 100        | 6              | Rigid | Perpendicularity 0.03 |

## ENGINEER'S SQUARE GRADUATED



**Material:** Blade: Stainless Steel

Stock: Tool Steel

**Finish:** Polished

**Standard:** DIN875, GRADE II

**Least Count:** 1mm

**Graduation:** 1mm/1mm on both side

**Range:** 2", 3", 4", 6", 8", 9", 10 & 12"

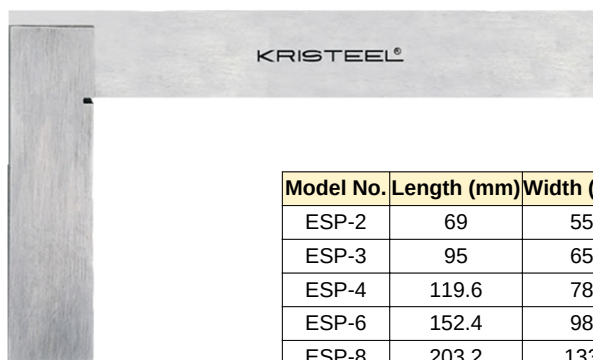
**Accuracy:** EEC-I (+/- 0.2mm)

### MODEL: ESG

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

| Model No. | Length (mm) | Width (mm) | Thickness (mm)          | Type  | Accuracy (±mm)         | Range  |
|-----------|-------------|------------|-------------------------|-------|------------------------|--------|
| ESG-2     | 69          | 55         | Blade 1.0 & Stock-8.5   | Rigid | Perpendicularity 0.025 | 50 mm  |
| ESG-3     | 95          | 65         | Blade 1.0 & Stock-8.5   | Rigid | Perpendicularity 0.028 | 75 mm  |
| ESG-4     | 119.6       | 78         | Blade 1.0 & Stock-8.5   | Rigid | Perpendicularity 0.03  | 100 mm |
| ESG-6     | 177.4       | 98         | Blade 1.0 & Stock-8.5   | Rigid | Perpendicularity 0.035 | 150 mm |
| ESG-8     | 232.2       | 133        | Blade 1.5 & Stock-12.25 | Rigid | Perpendicularity 0.04  | 200 mm |
| ESG-9     | 258         | 135        | Blade 1.5 & Stock-12.25 | Rigid | Perpendicularity 0.042 | 225 mm |
| ESG-10    | 283         | 150        | Blade 1.5 & Stock-15    | Rigid | Perpendicularity 0.045 | 300 mm |
| ESG-12    | 339.8       | 168        | Blade 1.5 & Stock-15    | Rigid | Perpendicularity 0.051 | 300 mm |

## ENGINEERS SQUARE PLAIN



**Material:** Blade: Stainless Steel

Stock: Tool Steel

**Finish:** Polished

**Standard:** DIN875-II

**Range:** 2", 3", 4", 6", 8", 9", 10 & 12"

### MODEL: ESP

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

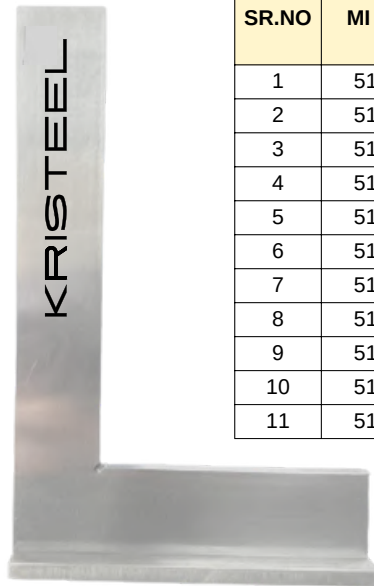
| Model No. | Length (mm) | Width (mm) | Thickness (mm)          | Type  | Accuracy (±mm)         | Range  |
|-----------|-------------|------------|-------------------------|-------|------------------------|--------|
| ESP-2     | 69          | 55         | Blade 1.0 & Stock-8.5   | Rigid | Perpendicularity 0.025 | 50 mm  |
| ESP-3     | 95          | 65         | Blade 1.0 & Stock-8.5   | Rigid | Perpendicularity 0.028 | 75 mm  |
| ESP-4     | 119.6       | 78         | Blade 1.0 & Stock-8.5   | Rigid | Perpendicularity 0.03  | 100 mm |
| ESP-6     | 152.4       | 98         | Blade 1.0 & Stock-8.5   | Rigid | Perpendicularity 0.035 | 150 mm |
| ESP-8     | 203.2       | 133        | Blade 1.5 & Stock-12.25 | Rigid | Perpendicularity 0.04  | 200 mm |
| ESP-9     | 258         | 135        | Blade 1.5 & Stock-12.25 | Rigid | Perpendicularity 0.042 | 225 mm |
| ESP-10    | 289         | 161        | Blade 1.5 & Stock-15    | Rigid | Perpendicularity 0.045 | 300 mm |
| ESP-12    | 304.8       | 168        | Blade 1.5 & Stock-15    | Rigid | Perpendicularity 0.051 | 300 mm |

# ENGINEERING GAUGES

MODEL: 5174 - 5184

## ENGINEER STOCK SQUARE

Engineers squares are used to accurately check and mark angles, or to verify the squareness of straight edges and lines

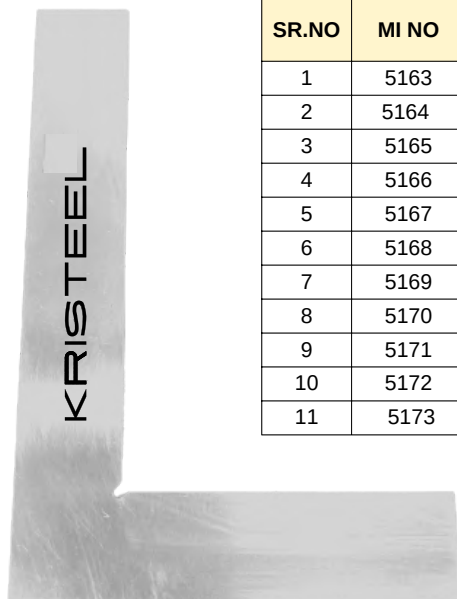


| SR.NO | MI NO | SQUARE SIZE | L1   | L2  | WIDTH (W) | THICK (T) | ANG. TOLL. PERPENDICULARITY |
|-------|-------|-------------|------|-----|-----------|-----------|-----------------------------|
| 1     | 5174  | 75 x 50     | 75   | 50  | 15        | 5         | 0.028                       |
| 2     | 5175  | 100 x 70    | 100  | 70  | 20        | 5         | 0.030                       |
| 3     | 5176  | 150 x 100   | 150  | 100 | 25        | 5         | 0.035                       |
| 4     | 5177  | 200 x 130   | 200  | 130 | 30        | 6         | 0.040                       |
| 5     | 5178  | 250 x 165   | 250  | 165 | 30        | 7         | 0.045                       |
| 6     | 5179  | 300 x 175   | 300  | 175 | 35        | 7         | 0.050                       |
| 7     | 5180  | 400 x 200   | 400  | 200 | 35        | 7         | 0.060                       |
| 8     | 5181  | 500 x 250   | 500  | 250 | 40        | 8         | 0.070                       |
| 9     | 5182  | 600 x 300   | 600  | 300 | 40        | 8         | 0.080                       |
| 10    | 5183  | 750 x 375   | 750  | 375 | 45        | 10        | 0.095                       |
| 11    | 5184  | 1000 x 500  | 1000 | 500 | 50        | 10        | 0.120                       |

## ENGINEER TRY SQUARE

MODEL: 5163 - 5173

Try square is a checking tool that is used to check the flatness of the job and the right angle (angle of 90 °) between two surfaces.



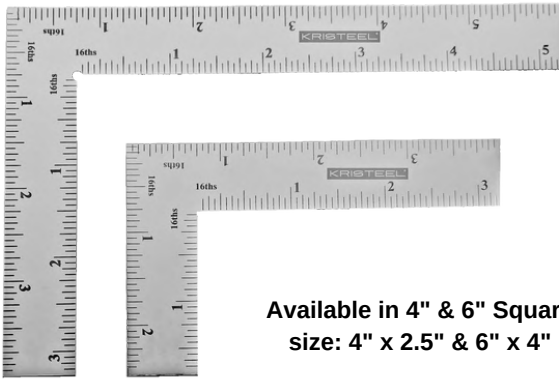
| SR.NO | MI NO | SQUARE SIZE | L1   | L2  | WIDTH (W) | THICK (T) | ANG. TOLL. PERPENDICULARITY |
|-------|-------|-------------|------|-----|-----------|-----------|-----------------------------|
| 1     | 5163  | 75 x 50     | 75   | 50  | 15        | 5         | 0.028                       |
| 2     | 5164  | 100 x 70    | 100  | 70  | 20        | 5         | 0.030                       |
| 3     | 5165  | 150 x 100   | 150  | 100 | 25        | 5         | 0.035                       |
| 4     | 5166  | 200 x 130   | 200  | 130 | 30        | 6         | 0.040                       |
| 5     | 5167  | 250 x 165   | 250  | 165 | 30        | 7         | 0.045                       |
| 6     | 5168  | 300 x 175   | 300  | 175 | 35        | 7         | 0.050                       |
| 7     | 5169  | 400 x 200   | 400  | 200 | 35        | 7         | 0.060                       |
| 8     | 5170  | 500 x 250   | 500  | 250 | 40        | 8         | 0.070                       |
| 9     | 5171  | 600 x 300   | 600  | 300 | 40        | 8         | 0.080                       |
| 10    | 5172  | 750 x 375   | 750  | 375 | 45        | 10        | 0.095                       |
| 11    | 5173  | 1000 x 500  | 1000 | 500 | 50        | 10        | 0.120                       |



# ENGINEERING GAUGES

## SINGLE PC FLAT SQUARE

**MODEL: 5056 4"**  
**5056 6"**



**Material:** Stainless Steel, Hardened & Tempered  
**Finish:** Satin Chrome Plated  
**Standard-** EEC-I  
**Least Count:** 1/16"  
**Graduations:** Both sides 1/16".  
**Range:** 0-4" & 0-6"

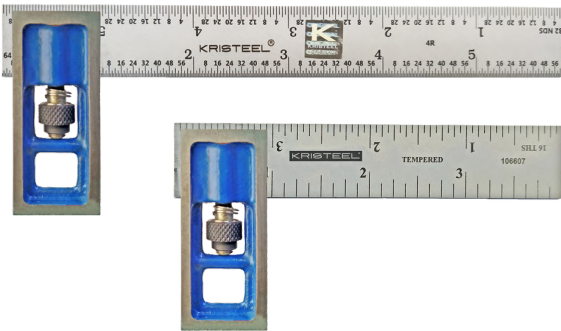
Available in 4" & 6" Square size: 4" x 2.5" & 6" x 4"

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm)          |
|-----------|-------------|------------|----------------|-------|-------------------------|
| 5056 4"   | 101.6       | 63.5       | 1              | Rigid | GRAD. 0.2 & ANGLE 0.038 |
| 5056 6"   | 152.4       | 101.6      | 1              | Rigid | GRAD. 0.2 & ANGLE 0.038 |

These precision ground and hardened all Steel Flat Squares are ideal for setting up tools, aligning blades and ensuring parts are set up properly.  
All Edges are ground to ensure they are straight and parallel.

## DOUBLE SQUARE

**MODEL: DS04 - 4"**  
**DS06 - 6"**



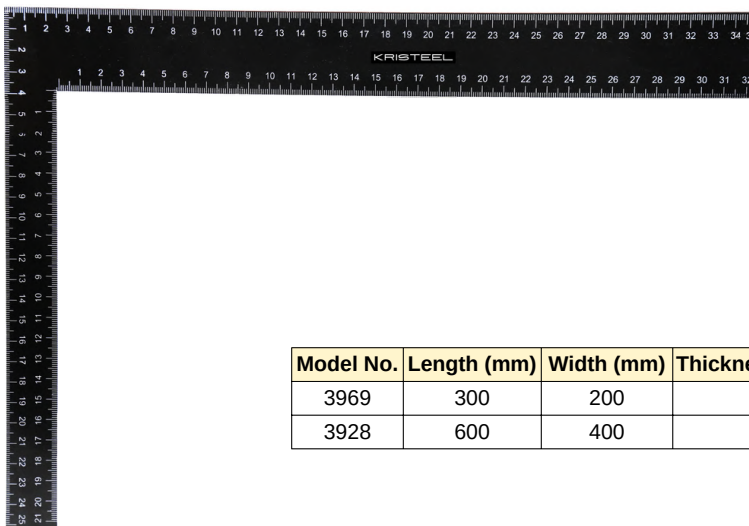
**Material:** Blade in Stainless Steel / Base in CI Casting.  
**Finish:** Satin Chrome Plated / Base Painted.  
**Standard-** EEC-I  
**Least Count:** 1/64"  
**Graduations:** Top side 1/32" & 1/64"  
Bottom side 1/8" & 1/16".  
**Angular-** Linear- EEC-Class-1.  
Squareness as per federal Std. 0.038mm.  
**Range:** 0-4"

These precision ground and hardened all-steel Flat squares are ideal for setting up tools, aligning blades, and ensuring parts are set up properly. All Edges are ground to ensure they are straight and parallel.

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm)          |
|-----------|-------------|------------|----------------|-------|-------------------------|
| DS04 - 4" | 101         | 19         | 2              | Rigid | GRAD. 0.2 & ANGLE 0.025 |
| DS06 - 6" | 153         | 19         | 2              | Rigid | GRAD. 0.2 & ANGLE 0.038 |

## GRADUATED TRY SQUARE-BLACK COLOUR WITH WHITE GRADUATIONS

**MODEL: 3969**  
**3928**



**Material:** CRCA  
**Finish:** Black Coated  
**Standard:** EEC-III  
**Leastcount:** 1mm  
**Graduation:** Printed Metric

Optional Graduation in Inches

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) | Range |
|-----------|-------------|------------|----------------|-------|----------------|-------|
| 3969      | 300         | 200        | 2              | RIGID | 1              | 0-12" |
| 3928      | 600         | 400        | 2              | RIGID | 1              | 0-24" |

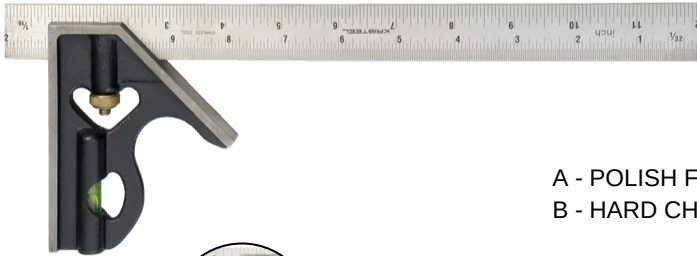


# ENGINEERING GAUGES

## COMBINATION TRY & METER SQUARE - 2PC

**MODEL: 1516 A  
1516 B**

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 high-quality enamel. Available in 300 mm/12-inch length only.



A - POLISH FINISH  
B - HARD CHROME FINISHED

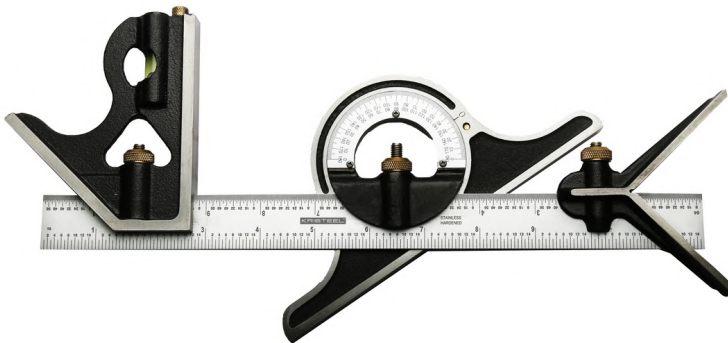
**Blade:** Hardened Steel  
**Base:** CI Casting Base Painted  
**Standard-** EEC-I  
**Least Count:** 1mm & 1/32"  
**Graduation:** Top Side: 1mm & 1/8"  
Back Side: 1/16" & 1/32"  
**Range:** 0 - 12"

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm)                     |
|-----------|-------------|------------|----------------|-------|------------------------------------|
| 1516 A    | 304.8       | 25         | 2              | Rigid | LINEAR 0.2mm & ANGULAR - 5 MINUTES |
| 1516 B    | 304.8       | 25         | 2              | Rigid | LINEAR 0.2mm & ANGULAR - 5 MINUTES |

## 4-PC COMBINATION TRY METER SQUARE

**MODEL: 1516-C**

Includes Ruler 90° Head, centre Square, Pro head, Scriber, & level. A very precisely ground product with good aesthetic appeal. This world-class product comes to you in handsome attractive packing.



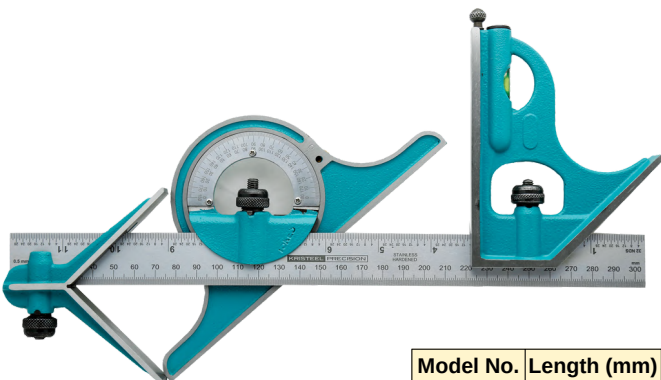
**Material:** Stainless Steel Hardened Tempered & Cast Iron casting  
**Base:** Casting Base Painted  
**Standard-** EEC-I  
**Least Count:** 1mm & 1/64"  
**Graduation:** Top Side: 1mm & 1/64"  
Back Side: 0.5mm / 1/32"  
**Range:** 0 - 12"

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm)                                 |
|-----------|-------------|------------|----------------|-------|--|
| 1516 C    | 304.8       | 25         | 2              | Rigid | Linear 0.2mm & Angular - 5 min Pro Head 15 Min |

## PRECISION 4 PC CAST COMBINATION TRY & METER SQUARE

**MODEL: 1516-KP**

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



**Material:** Stainless Steel Hardened Tempered & Steel casting  
**Finish:** Satin Chrome  
**Least Count:** 0.2 mm & Angular 1°  
**Range:** 0-12" & 0-180°  
**Standard:** EEC-I  
**Graduation:** Top side: 0.5mm & 1/32",  
Backside: 1mm & 1/64"  
**Graduation Types:-** Metric and Inches.

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm)                  |
|-----------|-------------|------------|----------------|-------|---------------------------------|
| 1516 KP   | 304.8       | 25         | 2              | RIGID | 0.2mm & 3 min / Pro head 15 min |



# ENGINEERING GAUGES

## UNIVERSAL BEVEL PROTRACTOR

**MODEL: UBP**

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



**Material:** Stainless Steel, Hardened & Tempered  
**Finish:** Fine Polished  
**Standard-** EEC-I  
**Least Count:** Angular-5 minutes.  
**Graduations:** 0-360°  
**Range:** 0-360°

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| UBP       | 305         | 19         | 2              | Rigid | 5 minute       |

## HEIGHT GAUGE

**MODEL: HG-12**

**HG-18**

**HG-24**



**Material:** Stainless Steel, Hardened & Tempered  
**Finish:** Rulers are satin chrome and other parts fine polished.  
**Standard-** JB-5609-91  
**Least Count:** 0.02mm  
**Graduations:** Metric & Inch Marking

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

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| HG - 12   | 500         | 200        | 9              | RIGID | 0.03/200mm     |
| HG - 18   | 650         | 200        | 9              | RIGID | 0.03/200mm     |
| HG - 24   | 870         | 250        | 12             | RIGID | 0.03/200mm     |

## DIGITAL HEIGHT GAUGE

**MODEL: 3792**

**2918**

**2919**



**Material:** Stainless Steel, Hardened & Tempered  
**Finish:** Rulers are satin chrome and other parts fine polished.  
**Standard-** JB-5609-91  
**Least Count:** 0.01 / 0.001"  
**Graduations:** Metric & Inch Marking  
**Range:** 0-24"

### 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 damage.

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Range | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|-------|----------------|
| 3792      | 257         | 100        | 4              | Rigid | 0-6"  | 0.03/200mm     |
| 2918      | 480         | 185        | 6              | Rigid | 0-12" | 0.03/200mm     |
| 2919      | 806         | 250        | 11             | Rigid | 0-24" | 0.03/200mm     |

# ENGINEERING GAUGES

## DIGITAL VERNIER CALIPER

**MODEL: 2916 - 150mm**  
**2917 - 200mm**  
**3747 - 300mm**

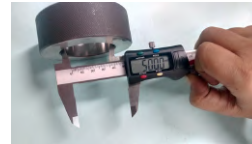


Resolution: -0.01mm/0.0005" Power: SR 44, One 1.55v button cell

**Features:-**

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

**Material:** Stainless Steel, Hardened & Tempered  
**Finish:** Polish  
**Standard:** DIN862  
**Least Count:** 0.01mm / 0.001"  
**Graduations:** Metric & Inch Graduation



ID



OD



Depth

| Model No. | Length (mm) | Width (mm) | Thickness (mm)    | Type  | Accuracy (±mm) | Range   |
|-----------|-------------|------------|-------------------|-------|----------------|---------|
| 2916      | 200         | 76.68      | JAW-6.4 BEAM- 3.4 | RIGID | 0.03           | 0-150MM |
| 2917      | 295         | 76.68      | JAW-6.4 BEAM- 3.4 | RIGID | 0.03           | 0-200MM |
| 3747      | 390         | 102        | JAW-7.8 BEAM- 4.5 | RIGID | 0.04           | 0-300MM |

## VERNIER CALIPER WITH FINE ADJUSTMENT MONOBLOCK

**MODEL: 2914 - 150mm**  
**2915 - 200mm**  
**3746 - 300mm**



**Material:** Stainless Steel, Hardened & Tempered  
**Finish:** Polish  
**Standard:** DIN862  
**Least Count:** 0.02mm / 0.001"  
**Graduations:** Metric & Inch Graduation

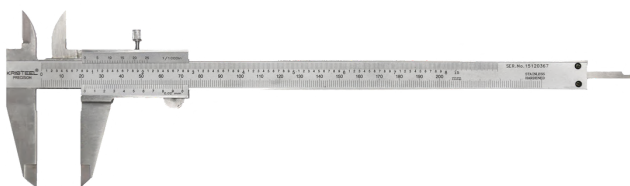
**Features:-**

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
6. Raw Material: Stainless Steel

| Model No. | Length (mm) | Width (mm) | Thickness (mm)   | Type  | Accuracy (±mm) | Range   |
|-----------|-------------|------------|------------------|-------|----------------|---------|
| 2914      | 235         | 77         | JAW-6.9, BEAM- 3 | RIGID | 0.03           | 0-150MM |
| 2915      | 290         | 90         | JAW-6.9, BEAM- 3 | RIGID | 0.03           | 0-200MM |
| 3746      | 405         | 106        | JAW-6.9, BEAM- 3 | RIGID | 0.04           | 0-300MM |

## VERNIER CALIPER WITHOUT FINE ADJUSTMENT MONOBLOCK

**MODEL: 3805 - 150mm**  
**3806 - 200mm**  
**3807 - 300mm**



**Material:** Stainless Steel, Hardened & Tempered  
**Finish:** Polish  
**Standard:** DIN862  
**Least Count:** 0.02mm / 0.001"  
**Graduations:** Metric & Inch Graduation

**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 No. | Length (mm) | Width (mm) | Thickness (mm)   | Type  | Accuracy (±mm) | Range   |
|-----------|-------------|------------|------------------|-------|----------------|---------|
| 3805      | 235         | 77         | JAW-6.9, BEAM- 3 | RIGID | 0.03           | 0-150MM |
| 3806      | 290         | 90         | JAW-6.9, BEAM- 3 | RIGID | 0.03           | 0-200MM |
| 3807      | 405         | 106        | JAW-6.9, BEAM- 3 | RIGID | 0.04           | 0-300MM |



# ENGINEERING GAUGES

## VERNIER CALIPER COLUMBUS

**MODEL: VCC**

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.



**Material:** CRCA Steel  
**Finish:** Polish  
**Standard:** EEC-II  
**Least Count:** 0.1 & 1/128"  
**Graduations:** Metric 1mm & Inch 1/16"  
**Range:** 0-140 mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| VCC       | 196         | 70         | 2              | RIGID | 0.2            |

## BRASS CALIPER GAUGE

**MODEL: 1504-CG 3  
1504-CG 4**

A caliper gauge with Metric and English graduations. Available in brass. Individually packed in PVC covers.



**Material:** Brass  
**Finish:** Polish  
**Standard:** EEC-II  
**Least Count:** 0.1 & 1/128"  
**Graduations:** Metric 1mm & Inch 1/16"

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) | Range |
|-----------|-------------|------------|----------------|-------|----------------|-------|
| 1504 CG 3 | 95          | 35         | 3              | RIGID | 0.2            | 0-3"  |
| 1504 CG 4 | 116         | 35         | 3              | RIGID | 0.2            | 0-4"  |

## DIGITAL TEXTILE CALIPER WITH PRISM JAW

**MODEL: 3953**

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



**Material:** Stainless Steel  
**Finish:** Polished  
**Least Count:** 0.01 & 0.001"  
**Range:** 0-150mm  
**Certificate:** Supplied with Calibration Certificate  
**Standard:** DIN862  
**Graduation:** Metric Scale

### Features:

- Centre-to-centre distance C.T.C. measuring jaws.
- Locking Screw
- LCD display
- Power On/Off Button
- Metric/Inch change over
- Hold button
- External measuring jaws
- Zero setting
- Battery cover
- Supplied with Calibration Certificate

| Model No. | Length (mm) | Width (mm) | Thickness (mm)    | Type  | Accuracy (±mm) |
|-----------|-------------|------------|-------------------|-------|----------------|
| 3953      | 237         | 83.36      | JAW-6.4 BEAM- 3.4 | RIGID | 0.03/200mm     |

# ENGINEERING GAUGES

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

**MODEL: 3952**

The Digital Vernier - inside type with Long Knife Edge Jaw is made of Stainless Steel & has a polished finish. Kristeel Provides this Gauge with a Calibration certificate. It has the 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.



**Material:** Stainless Steel  
**Finish:** Polish  
**Leastcount:** 0.01 & 0.001"  
**Range:** upto 150mm  
**Certificate:** Supplied with Calibration Certificate  
**Standard:** DIN862  
**Graduation:** Metric Scale

**Features:**

- Internal dimension measuring jaw.
- Locking Screw
- LCD display
- Power On/Off Button
- Metric/Inch change over
- Hold button
- External measuring jaws
- Zero setting
- Battery cover
- Supplied with Calibration Certificate

| Model No. | Length (mm) | Width (mm) | Thickness (mm)    | Type  | Accuracy (±mm) |
|-----------|-------------|------------|-------------------|-------|----------------|
| 3952      | 237         | 95         | JAW-6.4 BEAM- 3.4 | RIGID | 0.03/200mm     |

## MICROMETER - OUTSIDE

**MODEL: 3947**



**Material:** Stainless Steel Hard & Cast Iron Casting  
**Finish:** Satin Chrome  
**Least Count:** 0.01mm  
**Graduation:** Top Side: 0-25 mm Marked  
**Standard:** IS:2967

**3948**  
**3949**  
**4169**  
**4170**

Kristeel proudly launches an outside micrometre made of cast steel with a 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 micrometre is packed in a plastic case with a master gauge and adjustment spanner. Each Micrometer comes with a Calibration Certificate.

| Model No. | Range      | Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm) |
|-----------|------------|-------------|------------|----------------|----------------|
| 3947      | 0-25 mm    | 150         | 55         | 25             | 0.004          |
| 3948      | 25-50 mm   | 175         | 75         | 25             | 0.004          |
| 3949      | 50-75 mm   | 200         | 100        | 25             | 0.005          |
| 4169      | 75-100 mm  | 225         | 125        | 25             | 0.005          |
| 4170      | 100-125 mm | 250         | 150        | 25             | 0.006          |

## DIGITAL DEPTH GAUGE

**MODEL: 3971**

Range upto 150mm  
 Supplied with Calibration Certificate



**Material:** Stainless Steel  
**Finish:** Polish  
**Standard:** DIN862  
**Least Count:** 0.01mm / 0.001"  
**Graduation:** Printed scale Metric 1 mm  
**Range:** upto 150mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| 3971      | 150         | 100        | 4              | Rigid | 0.02           |





# ENGINEERING GAUGES

## DIGITAL TYRE DEPTH GAUGE

**MODEL: 3459**

**3967 WITH ROD**

**3970 150MM**



Digital Tyre Tread Depth Gauge used to measure the accurate depth of tread or any depth up to 20mm, up to 150 mm.

Reads in inches & metric.

Spring-loaded and zero-setting button for ease of use. Large LCD display.

Supplied with a Calibration certificate.

**Material:** Stainless Steel, Hardened & Tempered

**Finish:** Polish

**Standard:** DIN862

**Least Count:** 0.01mm / 0.001"

**Graduation:** Metric Scale 1mm

**Range:** Max 0 to 150 mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm)     | Type  | Accuracy (±mm) |
|-----------|-------------|------------|--------------------|-------|----------------|
| 3459      | 118.5       | 45.2       | BASE- 6.3 BEAM-3.4 | RIGID | 0.03           |
| 3967      | 97          | 45.2       | BASE- 6.3 BEAM-3.4 | RIGID | 0.03           |
| 3970      | 260         | 45.2       | BASE- 6.3 BEAM-3.4 | RIGID | 0.03           |

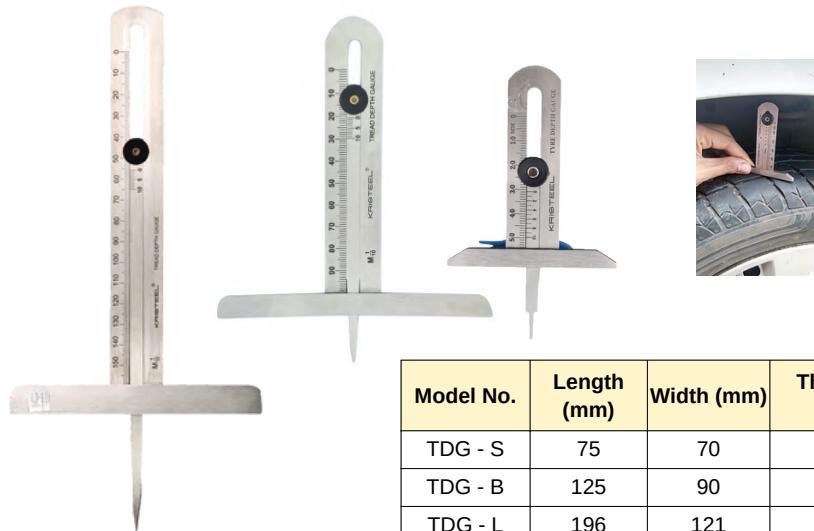
## TYRE DEPTH GAUGE

**MODEL: TDG - S**

**TDG - B**

**TDG - L**

This new model is made of hardened and tempered stainless steel material in a polished finish. It measures the 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 a PVC pouch.



**Material:** Stainless Steel

**Finish:** Polish

**Standard:** EEC-I

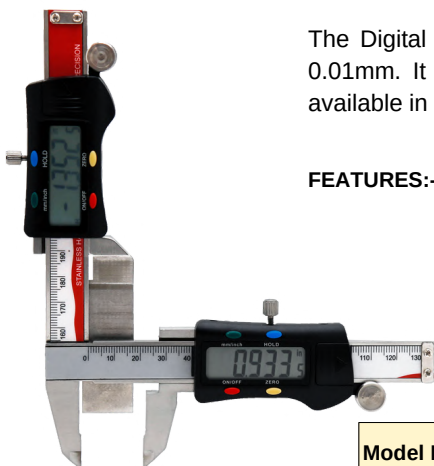
**Least Count:** 0.1 mm.

**Graduation:** .Metric Scale 1mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) | Range    |
|-----------|-------------|------------|----------------|-------|----------------|----------|
| TDG - S   | 75          | 70         | 1              | RIGID | 0.2            | 0-50 mm  |
| TDG - B   | 125         | 90         | 1.2            | RIGID | 0.2            | 0-100 mm |
| TDG - L   | 196         | 121        | 1.2            | RIGID | 0.2            | 0-150 mm |

## DIGITAL GEAR TOOTH VERNIER

**MODEL: 3951**



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 up to 40mm and the height of gear teeth. It is available in ranges of up to 40mm teeth thickness.

**FEATURES:-**

- Gear teeth thickness measuring jaws
- Locking Screw
- LCD display
- Zero Setting
- METRIC/INCH change over
- Hold Button
- Power On/Off button
- Battery Cover
- Teeth depth measuring jaw
- Supplied with Calibration certificate

**Material:** Stainless Steel

**Finish:** Polish

**Standard:** DIN862

**Least Count:** 0.01mm / 0.001"

**Calibration:** Calibration Certificate provided

**Resolution:** -0.01mm/0.0005"

**Power:** SR 44, One 1.55v button cell

**Graduation:** Metric & Inch Marked

**Range:** 0-40mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| 3951      | 175         | 175        | 4              | RIGID | 0.03/200mm     |



# ENGINEERING GAUGES

## GEAR TOOTH PITCH GAUGE

**MODEL: GTPG**

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



**Material:** Stainless Steel  
**Finish:** Polish  
**Standard:** EEC-II  
**Graduation:** Top Side:Size Marked  
**Least Count:** 1 TPI

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

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| GTPG      | 50          | 20         | 0.8            | RIGID | 0.2            |

| Model No. | 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     |

## SCREW PITCH GAUGE

**MODEL: SPG**

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. The narrow-leaf design allows checking both external and internal threads even in small holes not accessible with wide-leaf type gauges.

No. of leaves:- 52.



**Material:** CRCA  
**Finish:** Polish  
**Standard-** EEC-II  
**Least Count:** 0.5 & 4 TPI  
**Graduations:** Size Marked  
**Range:** 4-62 TPI & 0.25 to 6 mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------|----------------|
| SPG       | 70          | 13         | 0.8            | Flexible | 0.5            |

## ACME SCREW PITCH GAUGE / TRAPEZOIDAL METRIC SCREW PITCH GAUGE

**MODEL: APG TSPG**

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



**Material:** CRCA  
**Finish:** Polish  
**Standard:** EEC-I  
**Least Count:** 0.5 & 4 TPI  
**Graduations:** Size Marked

| Model No. | Range                   | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------------------|-------------|------------|----------------|-------|----------------|
| APG       | 4-62 TPI & 0.25 to 6 mm | 119.5       | 38         | 0.8            | Rigid | 0.2            |
| TSPG      | Metric 4 to 12mm        | 119.5       | 38         | 0.8            | Rigid | 0.2            |

# ENGINEERING GAUGES

## CHAIN PITCH GAUGE

**MODEL: CPG**

To Check / Identify Chain Pitch. All roller chain pitches can check. All 6 blades are assembled in screw/nut and can be slide requiring gauge leaf easily.



**Material:** Stainless Steel  
**Range:** 12.7 - 38.1mm (6 Blades)  
**Finish:** Polish  
**Leastcount:** 1/2" or 12.7mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| 5061      | 121         | 40         | 1              | RIGID | 0.2            |

## CHAMFER GAUGE

**MODEL: 3125**

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



**Material:** Stainless Steel  
**Finish:** Polish  
**Standard:** EEC-I  
**Least Count:** 0.5mm  
**Graduations:** Each Leaf Size Marked  
**Range:** 0.5 to 5mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------|----------------|
| 3125      | 71.5        | 15         | 0.5            | Flexible | 0.1            |

## BORE GAUGE

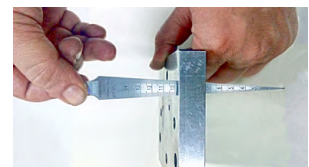
**MODEL: 1511 A / 1511 B / 1511 C / 1511 ACF**

For the measuring of cylindrical bores.  
 Reading: 0.1mm



**Material:** Stainless Steel, Hardened & Tempered  
**Finish:** Polish  
**Standard:** EEC-I  
**Least Count:** 0.1 mm  
**Range:** 1-15, 15-30, 30-45, 45-60 mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Finish       | Accuracy (±mm) | Graduation |
|-----------|-------------|------------|----------------|-------|--------------|----------------|------------|
| 1511A     | 152         | 17         | 1              | Rigid | Polish       | 0.1 mm         | 1-15 mm    |
| 1511B     | 161         | 32         | 1              | Rigid | Polish       | 0.1 mm         | 15-30 mm   |
| 1511C     | 181         | 47         | 1              | Rigid | Polish       | 0.1 mm         | 30-45 mm   |
| 1511ACF   | 152         | 17         | 1              | Rigid | Satin Chrome | 0.1 mm         | 1-15 mm    |



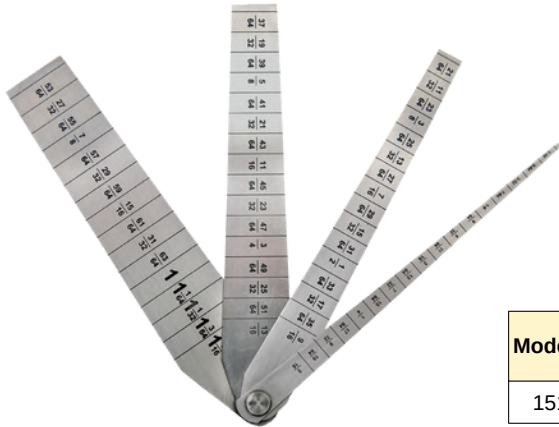


# ENGINEERING GAUGES

## BORE GAUGE (4 LEAF)

**MODEL: 1511 D**

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



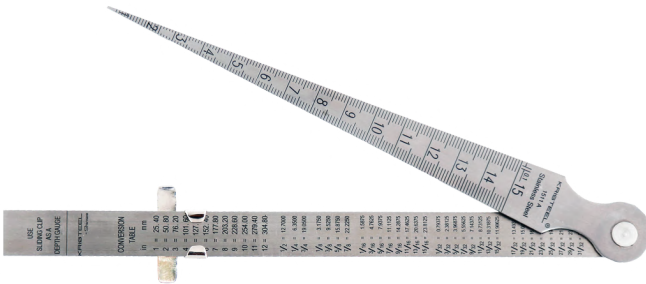
**Material:** Stainless Steel, Hardened & Tempered  
**Finish:** Polished  
**Standard:** EEC-II  
**Least Count:** 1/64"  
**Graduation:** 1/16" to 1-1/16"  
**Range:** 1/16" to 1-1/16",

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Finish | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|--------|----------------|
| 1511D     | 130         | 30         | 0.8            | Rigid | Polish | 1/64"          |

## BORE GAUGE 1-15MM WITH POCKET CLIP RULE 150MM

**MODEL: 3850**

Made from Stainless Steel it has a polished finish. The least count on the clip rule is 0.5mm and the 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 a very useful tool in workshops. Each assembly is packed in a PVC pouch.



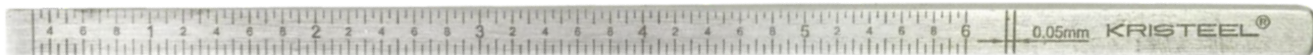
**Material:** Stainless Steel  
**Finish:** Polished  
**Least Count:** 0.1mm  
**Range:** Clip Rule:- 150mm/6" & Bore Gauge:- 1 to 15mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| 3850      | 170         | 30         | 1              | Rigid | 0.1 mm         |

## TAPER GAUGE

**MODEL: 1514**

Also available in CHROME FINISH (Model: 1514-ACF)



| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| 1514      | 160         | 6          | 6.5            | Rigid | 0.05           |

**Material:** Tool Steel  
**Finish:** Polished  
**Standard:** EEC-I  
**Least Count:** 0.05 mm  
**Graduation:** 0.3 to 6.0 mm

# ENGINEERING GAUGES

## TAPER GAUGE - A

**MODEL: 1514 A**



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

**Material:** Stainless Steel

**Finish:** Polished

**Standard:** EEC-I

**Least Count:** 0.05 mm/ 0.001"

**Graduation:** Top Side- 0.4 - 4 mm marking, Back Side-0.01" - 0.15"

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy ( $\pm$ mm) |
|-----------|-------------|------------|----------------|-------|----------------------|
| 1514A     | 160         | 11         | 5.5            | Rigid | 0.05                 |

## FEELER GAUGE-13 BLADES

**MODEL: FG-13**

This gauge is used to check the 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)



**Material:** Spring Steel

**Finish:** Fine Polished

**Standard-** T2

**Least Count:** 0.038

**Graduations:** Size Marked

**Range:** 0.038 - 5.08 mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy ( $\pm$ mm) |
|-----------|-------------|------------|----------------|----------|----------------------|
| FG13      | 114.3       | 12.7       | 0.038 to 5.08  | Flexible | T2                   |

## FEELER GAUGE-27 BLADES

**MODEL: FG-27**

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

(0.025, 0.038, 0.050, 0.063, 0.076, 0.101, 0.127, 0.152, 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)



**Material:** Spring Steel

**Finish:** Fine Polished

**Standard-** T2

**Least Count:** 0.038

**Graduations:** Size Marked

**Range:** 0.038 - 0.635 mm

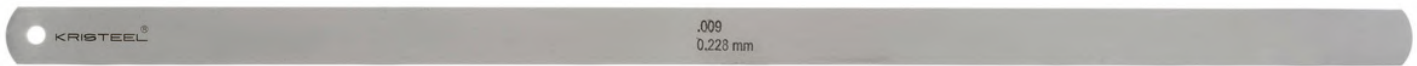
| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy ( $\pm$ mm) |
|-----------|-------------|------------|----------------|----------|----------------------|
| FG27      | 76.2        | 12.7       | 0.038 to 0.635 | Flexible | T2                   |

Models Available in Round End & Tapered End

# ENGINEERING GAUGES

## FEELER STRIP OF LENGTH 300 MM

MODEL: FS



This gauge is 300 mm long and is used to check the flatness & gap between the two mating parts.

The gauge is available in thicknesses 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 No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------|----------------|
| FS        | 305         | 12.7       | 0.038 to 0.635 | Flexible | T2             |

**Material:** Spring Steel  
**Finish:** Fine Polished  
**Standard-** T2  
**Least Count:** 0.025mm / 0.01"  
**Graduations:** Size Marked  
**Range:** 0.025 to 1 mm

## SINGLE END/DOUBLE END FEELER GAUGE HOLDER

MODEL: SEFGH  
DEFGH

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. A double-end model can also be made available which can be used to hold GO & NOGO thickness gauges.



| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  |
|-----------|-------------|------------|----------------|-------|
| SEFGH     | 133.5       | 26.4       | 0.65           | RIGID |
| DEFGH     | 133.5       | 26.4       | 0.65           | RIGID |

**Material:** CRCA  
**Finish:** Nickel Plated  
**Standard-** EEC-II  
**Least Count:** 0.025mm  
**Graduations:** Model Marked  
**Range:** 0.025 to 1 mm

## SET SQUARE

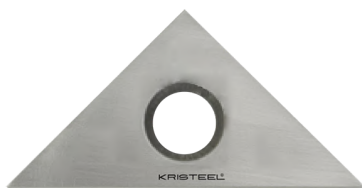
MODEL: SS-A 30°-60°-90°  
SS-B 45°-45°-90°



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

**Uses:** This gauge can be used as a master gauge to setting angles 30, 60, & 90 degrees and 45 & 90 degrees. This gauge is useful in Tool Room, Die Makers, Mould Makers, Woodworking Industry and Quality Control.

**Material:** Made in Tool Steel with Hardened & Tempered



**Material:** Tool Steel  
**Finish:** Polish  
**Graduation:** Angle Size Marked

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| SSA       | 88.25       | 51         | 6.2            | RIGID | 15 MIN         |
| SSB       | 76          | 76         | 6.2            | RIGID | 15 MIN         |



# ENGINEERING GAUGES

## SET SQUARE - WITH BASE

**MODEL: SSAB** 30°-60°-90°  
**SSBB** 45°-45°-90°



**Uses:** This gauge can be used as a master gauge to setting angles 30, 60, & 90 degrees and 45 & 90 degrees. This gauge is useful in Tool Room, Die Makers, Mould Makers, Woodworking Industry and Quality Control.

**Material:** Made in Tool Steel with Hardened & Tempered

**Material:** Tool Steel

**Finish:** Polish

**Graduation:** Top Side: Angle  
Size Marked

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| SSAB      | 94.25       | 51         | 6              | RIGID | 15 MIN         |
| SSBB      | 82          | 76         | 6              | RIGID | 15 MIN         |

## KRISTEEL QUICK PROTECTOR 180° WITH MARKING SLOTS

**MODEL: KQP180**



A protractor is a semicircular geometry tool divided into 180 equal parts, each measuring 1°. It is used for drawing angles of known measures and finding angles

**Material:** Stainless Steel, Full Hard

**Finish:** Polished

**Standard:** EEC-I

**Least Count:** 1°

**Graduation:** Angular 0-180° deeply etched

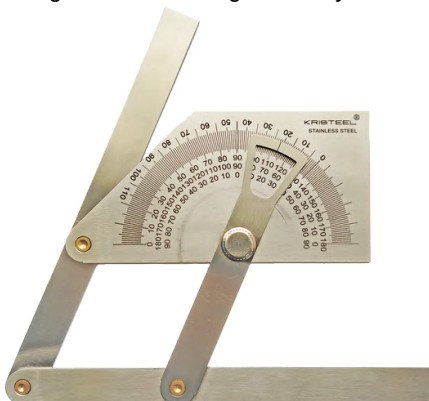
**Range:** 0° to 180°

| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| KQP - 180 | 150         | 84.5       | 0.25           |

## ANGLE FINDER PROTRACTOR

**MODEL: ANFDR**

To Check / Inspect Internal and External Angles. Industries widely used by Tool room, Welding, Woodworking and Inspection lab. All Three rotating arms can be Tightened by a middle knob. All markings are permanently etched in black coloured marking.



**Material:** Stainless Steel, Full Hard

**Finish:** Polished

**Standard:** EEC-I

**Least Count:** 1°

**Graduation:** Angular 0-180° deeply etched

**Range:** 0° to 180°

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| 5070      | 200         | 52         | 1.2            | Rigid | 0.5°           |



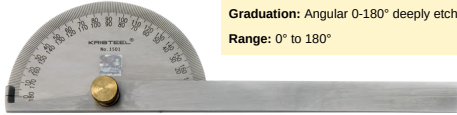
# ENGINEERING GAUGES

## STAINLESS STEEL PROTRACTOR

For Machinists, Draughtsman, Layout men & other mechanics. The protractor has easily etched reading graduations from 0° to 180° in opposite directions. The arm has graduations with a range of 0 to 140mm.

### STAINLESS STEEL DEGREE PROTRACTOR (D HEAD)

**Material:** Stainless Steel, Full Hard  
**Finish:** Polished or Chrome  
**Standard:** EEC-I  
**Least Count:** 1°  
**Graduation:** Angular 0-180° deeply etched  
**Range:** 0° to 180°



**MODEL: 1501**  
**1501 - CF (Chrome Finish)**

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| 1501      | 195         | 52         | 1.2            | Rigid | 0.5°           |
| 1501 CF   | 195         | 52         | 1.2            | Rigid | 0.5°           |
| 1502      | 195         | 52         | 1.2            | Rigid | 0.5°           |

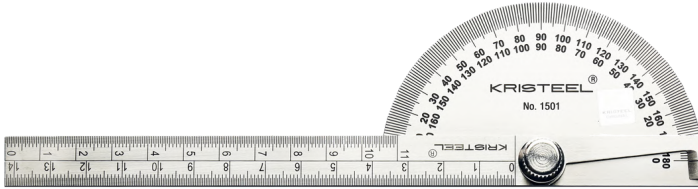
### STAINLESS STEEL DEGREE PROTRACTOR (SQUARE HEAD)

**MODEL: 1502**



### DEGREE PROTRACTOR(D HEAD) WITH GRADUATED ARM (POLISH FINISH)

**MODEL: 1501 - GA**



**Material:** Stainless Steel, Full Hard  
**Finish:** Polish  
**Standard:** EEC-I  
**Least Count:** 1° /1mm  
**Graduation:** Angular 0-180° & Metric Scale on arm deeply etched  
**Range:** 0° to 180°

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| 1501 GA   | 195         | 52         | 1.2            | Rigid | 0.5° & 0.2mm   |

### PROTRACTOR CUM DEPTH GAUGE (D HEAD)

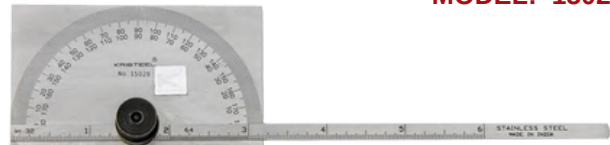
**MODEL: 1501 - A**



| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| 1501 - A  | 190         | 47         | 2              | Rigid | 0.5°           |
| 1502 - B  | 190         | 47         | 2              | Rigid | 0.5°           |

### PROTRACTOR CUM DEPTH GAUGE (SQUARE HEAD)

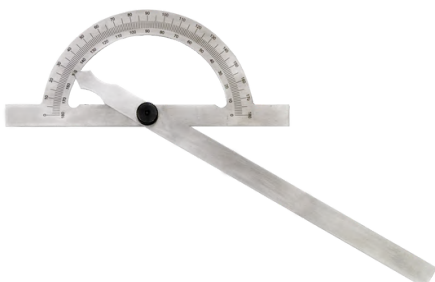
**MODEL: 1502 - B**



**Material:** Stainless Steel  
**Finish:** Polish or Chrome  
**Standard:** EEC-I  
**Least Count:** 1°  
**Graduation:** Angular 0-180° deeply etched  
**Range:** 0° to 180°

### STAINLESS STEEL DEGREE PROTRACTOR GAUGE- HEAVY DUTY

**MODEL: DP HD**



**Material:** Stainless Steel  
**Finish:** Polish or Chrome  
**Standard:** EEC-I  
**Least Count:** 1°  
**Graduation:** Angular 0-180° deeply etched  
**Range:** 0° to 180°

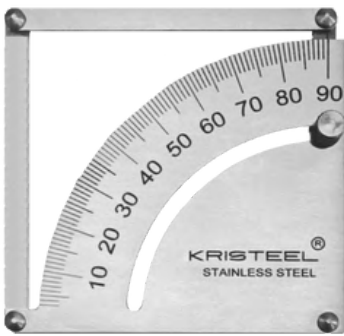
| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| DP HD6    | 175         | 150        | 2              | Rigid | 0.5°           |
| DP HD8    | 225         | 200        | 2              | Rigid | 0.5°           |



# ENGINEERING GAUGES

## INSIDE PROTRACTOR

**MODEL: INPRO**



To Check / Inspect Internal Angles. Industries widely used by Tool room, Welding, Woodworking and Inspection lab. All Three rotating arms can be Tightened by a middle knob. All markings are permanently etched in black coloured marking.

Each gauge is packed PVC pouch with card paper paper box.

**Material:** Stainless Steel, Full Hard  
**Finish:** Polished  
**Standard:** EEC-I  
**Least Count:** 1°  
**Graduation:** Angular 10-90° deeply etched  
**Range:** 10° to 90°

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| INPRO     | 70          | 70         | 1.2            | Rigid | 0.5°           |

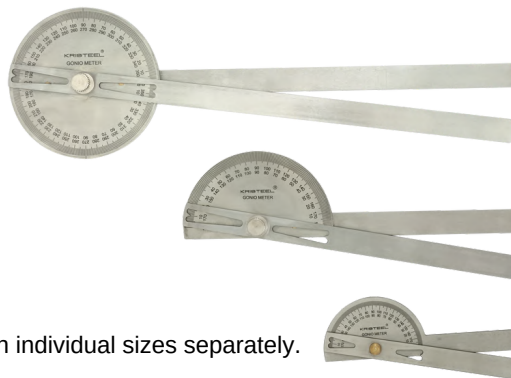
## GONIOMETER

A goniometer is used in the medical field to measure a joint's 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 a range of motion-measuring an angle.

Three types of Goniometers 4.5" & 8" have a 180° protractor scale half round. 10" has a full round 360° protractor scale.

Packed in a PVC pouch separately or as a set  
 Range: 4.5", 8" & 10" as a set.

**MODEL: 3278-A**  
**3278-B**  
**3278-C**



Available in individual sizes separately.

**Material:** Stainless Steel, Full Hard  
**Finish:** Polish  
**Standard:** EEC-I  
**Least Count:** 1°

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) | Graduations    |
|-----------|-------------|------------|----------------|-------|----------------|----------------|
| 3278-A    | 115         | 37         | 0.8            | Rigid | 0.5°           | Angular 0-180° |
| 3278-B    | 200         | 52         | 1              | Rigid | 0.5°           | Angular 0-180° |
| 3278-C    | 250         | 90         | 1              | Rigid | 0.5°           | Angular 0-360° |

## 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 into the slot. The rules can be used separately if desired. Metric graduations in millimetres, English in 64ths. Also engraved are the 30°, 45° and 60° angles.

**MODEL: 1503 DG-1**

**MODEL: 1503 DG-2**



**Material:** Stainless Steel, Full Hard  
**Finish:** Polished  
**Standard:** EEC-I  
**Graduation: Top Side:** 0.5 & 1.0 mm  
**Back Side:** 1/32", 1/64"  
**Range:** 6" Ruler and 30, 45, 60° Angle

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) | Least Count             |
|-----------|-------------|------------|----------------|-------|----------------|-------------------------|
| 1503 DG1  | 150         | 60         | 1              | Rigid | 0.5° & 0.2mm   | 0.5mm / 1.64"           |
| 1503 DG2  | 150         | 60         | 1              | Rigid | 0.5° & 0.2mm   | 0.5mm / 1.64" / 15 DEG. |



# ENGINEERING GAUGES

## TYRE DEPTH GAUGE - BRASS

**MODEL: TDG-BRASS**

Made of Brass. Available Size: 30mm



**Material:** Brass  
**Finish:** Polish  
**Standard:** EEC-I  
**Least Count:** 0.1 mm  
**Graduation:** Top Side: 0 - 30 mm  
**Range:** 0-30mm

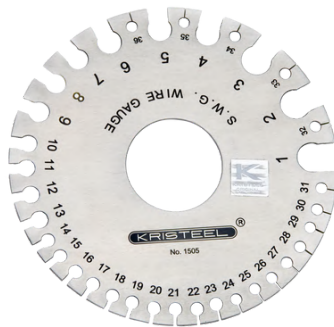
| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| TDG-BRASS | 100         | 20         | 2.75           | RIGID | 0.2            |

## S.W.G ROUND WIRE GAUGE

Made of Steel. Graduations in both British & Metric Systems.

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

**MODEL: 1505**

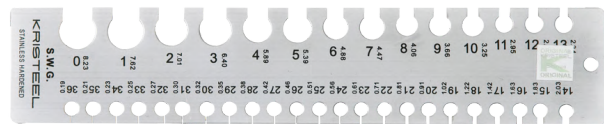


**Material:** Stainless Steel, Full Hard  
**Finish:** Polished  
**Standard:** EEC-I  
**Least Count:** 1 SWG  
**Graduation:** Top Side: SWG 1 TO 36 Marking  
 Back Side: SWG TO MM Conversion  
**Range:** 1 to 36 SWG, Incremental of 1 Gauge

Optional Satin Chrome Plated

## S.W.G RECTANGULAR WIRE GAUGE

**MODEL: 1506**



**Material:** Stainless Steel, Full Hard  
**Finish:** Polished  
**Standard:** EEC-I  
**Least Count:** 1 SWG  
**Graduation:** Top Side: SWG 0 TO 36 Marking  
 Back Side: SWG TO MM Conversion  
**Range:** 1 to 36 SWG, Incremental of 1 Gauge

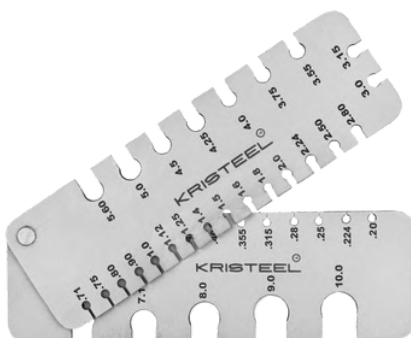
Optional Satin Chrome Plated

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm)  |
|-----------|-------------|------------|----------------|-------|-----------------|
| 1505      | 86          | 86         | 1              | Rigid | 0.025 & 0.05 mm |
| 1506      | 165         | 33         | 1              | Rigid | 0.025 & 0.05 mm |

## RECTANGULAR METRIC WIRE GAUGE

**MODEL: RMWG**

This gauge is made up of tool steel with a satin chrome finish. This pocket-size gauge measures wire or sheet gauges of sizes 0.2 to 10 mm. The respective millimetre & 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 beaders, wire wrappers etc.



**Material:** Stainless Steel, Hardened & Tempered  
**Finish:** Satin Chrome  
**Standard:** EEC-I  
**Least Count:** 0.25  
**Graduation:** Top side: 0.2 to 10 mm Marking  
 Back Side: 0.71 to 5.6 mm Marking  
**Range:** - 0.2-10.0 mm.

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| RMWG      | 120         | 38         | 2              | Rigid | 0.05mm         |



# ENGINEERING GAUGES

## AMERICAN WIRE GAUGE

American Wire Gauge (AWG) is the standard way to denote wire size in North America. In AWG, the larger the number, the smaller the wire diameter and thickness

**MODEL: AWG**



**Material:** CRCA Steel  
**Finish:** Satin Chrome  
**Standard:** EEC-I  
**Least Count:** 1 AWG  
**Graduation:** Topside: AWG 1 to 36 Size Marking, Backside: AWG to Inch Conversion  
**Range:-** 1 to 36 AWG( Ferrous )

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| AWG       | 85          | 85         | 2.5            | Rigid | 0.05mm         |

## WIRE GAUGE HEAVY DUTY FERROUS / NON FERROUS

American Wire Gauge (AWG) is the standard way to denote wire size in North America. In AWG, the larger the number, the smaller the wire diameter and thickness

**MODEL: SWF**



**Material:** CRCA Steel  
**Finish:** Satin Chrome  
**Standard:** EEC-I  
**Least Count:** 1 AWG  
**Graduation:** Topside: AWG 1 to 36 Size Marking, Backside: AWG to Inch Conversion  
**Range:-** 1 to 36 AWG( Ferrous )

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| SWF       | 85          | 85         | 2.5            | Rigid | 0.05mm         |

## ANGLE GAUGE

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

**MODEL: AG**



**Material:** Stainless Steel  
**Finish:** Nickel Plated  
**Standard-** EEC-II  
**Least Count:** 1°  
**Graduations:** Size Marked  
**Range:** 1 - 45°

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------|----------------|
| AG        | 44          | 20         | 0.5            | Flexible | 0.5 degree     |

## 60°-120° COUNTERSINK ANGLE GAUGE

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

**MODEL: AGCG**



**Material:** Stainless Steel  
**Finish:** Polished  
**Standard:** EEC-II  
**Least Count:** 1/32"  
**Graduation:** Size Marked  
**Range:** 60°-120°

| Model No. | Length (mm) | Thickness (mm) | Type  | Angular accuracy |
|-----------|-------------|----------------|-------|------------------|
| AGCG      | DIA 80      | 1              | RIGID | 0.5 mm           |

# ENGINEERING GAUGES

## ANGLE GAUGE - 5° TO 90° (18 PC SET)

MODEL: AG-18PC

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 the internal & external angles of any machined part to check the dovetail angle of shafts. It is one of the most useful gauges for general-purpose fabrication workshops. Tool & Die makers, the woodworking industry and the quality assurance department to compare the angle of any part. All 18 leaves are packed in PVC Pouch.

**Available Models:** 5° to 90° (18 Individual Leaves).  
1° to 45° (20 Individual Leaves)



**Material:** Stainless Steel Hardened & Tempered  
**Standard:** EEC-I  
**Finish:** Polished  
**Range:** 5° to 90° - Incremental of 5° (18 Leaves)  
**Leastcount:** 5°

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| AG-18PC   | 44.5        | 20         | 0.5            | RIGID | 0.5 degree     |

## RAKE ANGLE GAUGE

MODEL: RAG

A rake angle gauge is used to check 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.



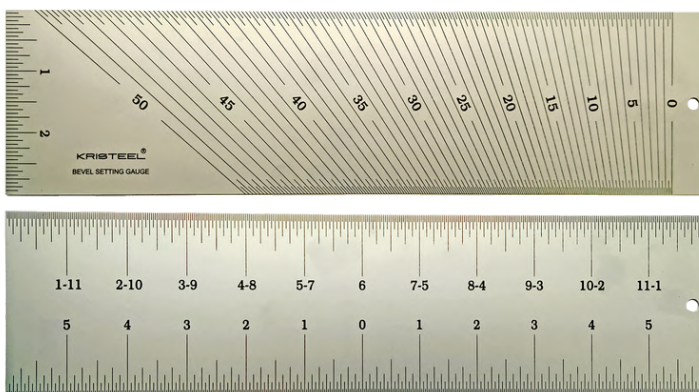
**Material:** Stainless Steel  
**Finish:** Polished (Hardened)  
**Standard:** EEC-I  
**Least Count:** 1°  
**Range:** +0°-30° Positive & Upto 10° Negative

| Model No. | Length (mm) | Width (mm) | Thickness (mm)         | Type  | Accuracy (±mm) |
|-----------|-------------|------------|------------------------|-------|----------------|
| RAG       | 85          | 60         | BASE-4 INDEX-6 KNIFE-4 | RIGID | 0.5°           |

## BEVEL SETTING GAUGE

MODEL: 5060

To check linear distance up to 12" set the sliding bevel angle and check any set angle of the sliding bevel center finding linear distance.



**Material:** Stainless Steel Hardened & Tempered  
**Finish:** Polish  
**Least Count:** 1/32" & 0.25°.  
**Range:** 0-12" & 0-50°.  
**Scale size:** 12" x 3"  
**Standard:** EEC-I  
**Graduation:** Top side: Angle Scale 0-50° Backside: 1/32" & 1/32"

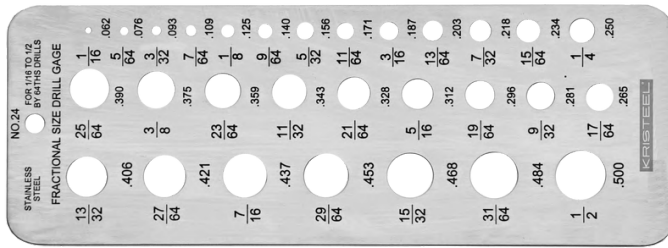
| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm)   |
|-----------|-------------|------------|----------------|-------|------------------|
| 5060      | 304.8       | 76.2       | 1              | RIGID | 0.2mm & 0.5 DEG. |

# ENGINEERING GAUGES

## DRILL GAUGE

**MODEL: 1513 A/B/C**

Hardened and finely ground. Drill Gauges. Drill Gages are used to quickly and conveniently identify drill bit sizes. Made of heat-treated heavy gauge steel, machined and ground to close tolerances. Hole sizes and decimal equivalents are permanently etched on the face.



**Material:** Stainless Steel  
**Finish:** Polish  
**Standard:** EEC-I  
**Graduations:** Size Marked  
**Range:** 6.45 - 39.72 mm

| Model No. | Range        | Holes | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) | Leastcount |
|-----------|--------------|-------|-------------|------------|----------------|-------|----------------|------------|
| 1513A     | 1/16" - 1/2" | 29    | 165         | 63         | 1              | RIGID | 0.2            | 1/16" HOLE |
| 1513B     | 1 to 60      | 60    | 165         | 63         | 1              | RIGID | 0.2            | 60 HOLE    |
| 1513C     | 1mm to 13mm  | 32    | 165         | 63         | 1              | RIGID | 0.2            | 1 mm HOLE  |

## DRILL STAND

**MODEL: DS 1513A  
DS 1513C**

This gauge is made up of steel used to keep drills in their specified size hole. This will help to identify quickly require dia drills. Handy Drills Stand to keep 29 drills. The top plate has permanently etched drill sizes in decimal/fractional. All drill size holes are exactly and require drill dia.



**Material:** Stainless Steel & CRCA  
**Finish:** Polish  
**Standard:** EEC-I

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) | Leastcount | Graduation                   | Range        |
|-----------|-------------|------------|----------------|-------|----------------|------------|------------------------------|--------------|
| DS 1513A  | 165         | 63         | 2              | RIGID | 0.2            | 1/16"      | SIZES MARKED 1/16" TO 13/32" | 1/16" - 1/2" |
| DS 1513C  | 165         | 63         | 2              | RIGID | 0.2            | 1 mm       | SIZES MARKED 1 TO 13 mm      | 1 - 13 mm    |

## TWIST DRILL GAUGE

**MODEL: 1510**

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



**Material:** Stainless Steel  
**Finish:** Polished  
**Standard:** EEC-II  
**Least Count:** 1 mm & 118°  
**Graduation:** 0-25mm Scale  
**Range:** 0-25 mm

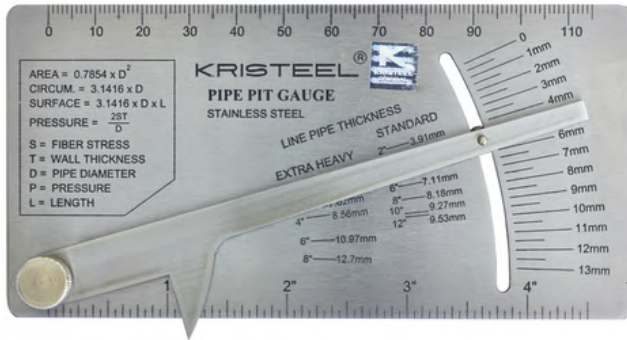
| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| 1510      | 112         | 55         | 1.2            | Rigid | 0.5mm & 0.5°   |

# ENGINEERING GAUGES

## PIPE PIT GAUGE

MODEL: PPG

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



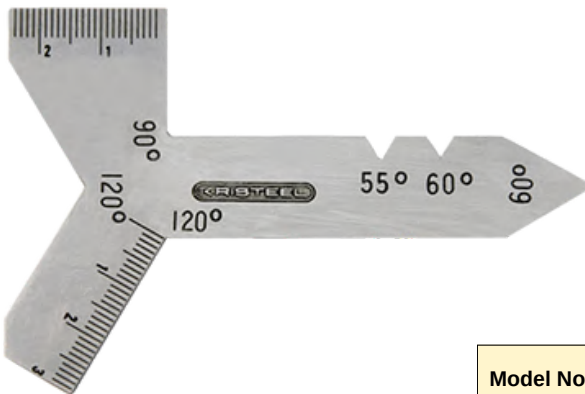
**Material:** Stainless Steel, Hardened & Tempered  
**Finish:** Polish  
**Standard:** EEC-I  
**Least Count:** 0.5mm  
**Graduations:** Top Side: Metric & Inch Angle Scale, Back Side: Conversion Table  
**Range:** 0-13mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| PPG       | 133         | 67         | 1.5            | RIGID | 0.2            |

## UNIVERSAL GAUGE

MODEL: 1509

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



**Material:** Stainless Steel  
**Finish:** Polished  
**Standard:** EEC-II  
**Least Count:** 1 mm  
**Graduation:** 1 mm scale & 55,60°  
**Range:** 0-25 mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| 1509      | 90          | 60         | 1.2            | Rigid | 0.5mm & 0.5°   |

## SLIDING T-BEVEL GAUGE

MODEL: SB-3341

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

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



**Material:** Stainless Steel & Tool Steel  
**Finish:** Polish  
**Standard:** EEC-II  
**Graduations:** Logo Model Marked  
**Range:** 0-6"

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Base Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|---------------------|-------|----------------|
| SB 3341   | 153         | 102        | 1              | 4                   | RIGID | 0.1 per 10mm   |

# ENGINEERING GAUGES

## SCREW CUTTING GAUGE

**MODEL: 1508**

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



**Material:** Stainless Steel  
**Finish:** Polished  
**Standard:** EEC-II  
**Least Count:** 14.5°  
**Graduations:** 14.5, 47.5, 55 & 60° Marking.  
**Range:** 14.5, 47.5, 55 & 60°  
 TPI= 14, 20, 24, 32 Optional 0.5mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| 1508      | 51          | 28         | 1              | Rigid | 0.5°           |

## CIRCUMFERENCE GAUGE

**MODEL: 1515**

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



**Material:** Stainless Steel  
**Finish:** Polished  
**Standard:** DIN-2768M  
**Least Count:** 0.1 mm  
**Graduation:** Circumference & diameter scale

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

|                         | I         | J           | K           | L           | M           | N           | O           | P           |
|-------------------------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Circumference mm</b> | 970-10990 | 10980-12250 | 12240-13510 | 13500-14760 | 14750-16020 | 16010-17280 | 17270-18540 | 18530-19790 |
| <b>Diameter mm</b>      | 3100-3500 | 3500-3900   | 3900-4300   | 4300-4700   | 4700-5100   | 5100-5500   | 5500-5900   | 5900-6300   |

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------|----------------|
| 1515A     | 1107        | 15         | 0.25           | Flexible | 1.57           |
| 1515B     | 2394        | 15         | 0.25           | Flexible | 2.5            |
| 1515C     | 3619        | 15         | 0.25           | Flexible | 3.77           |
| 1515D     | 4877        | 15         | 0.25           | Flexible | 3.77           |
| 1515E     | 6137        | 15         | 0.25           | Flexible | 3.77           |
| 1515F     | 7387        | 15         | 0.25           | Flexible | 6.28           |
| 1515G     | 8650        | 15         | 0.25           | Flexible | 6.28           |
| 1515H     | 9910        | 15         | 0.25           | Flexible | 6.28           |
| 1515I     | 11170       | 15         | 0.25           | Flexible | 6.28           |
| 1515J     | 12420       | 15         | 0.25           | Flexible | 6.28           |
| 1515K     | 13680       | 15         | 0.25           | Flexible | 6.28           |
| 1515L     | 14930       | 15         | 0.25           | Flexible | 8              |
| 1515M     | 16190       | 15         | 0.25           | Flexible | 8              |
| 1515N     | 17450       | 15         | 0.25           | Flexible | 8              |
| 1515O     | 18710       | 15         | 0.25           | Flexible | 10             |
| 1515P     | 19970       | 15         | 0.25           | Flexible | 10             |

# ENGINEERING GAUGES

## CIRCUMFERENCE GAUGE SINGLE PIECE

**MODEL: 1515 - ASP**  
**1515 - BSP**



**Material:** Stainless Steel  
**Finish:** Polished  
**Standard:** EEC-II  
**Least Count:** 0.1 mm  
**Graduation:** Circumference & diameter scale

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

This gauge is useful for pipe Manufacturers, Woodworking Industries, Heavy Fabricators, Round Tanks etc. Graduation in mm.

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

## DIAMETER GAUGE SINGLE PIECE

**MODEL: 1515 - DG-A**  
**1515 - DG-B**  
**1515 - DG-C**  
**1515 - DG-D**



**Material:** Stainless Steel  
**Finish:** Polished  
**Standard:** EEC-II  
**Least Count:** 0.1 mm  
**Graduation:** Circumference & diameter scale

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

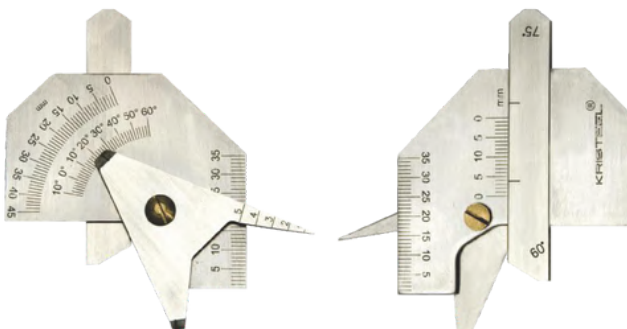
This gauge is useful for pipe Manufacturers, Woodworking Industries, Heavy Fabricators, Round Tanks etc. Graduation in mm.

| Model No. | Range (mm) | Length (mm) | Width (mm) | Thickness (mm) | Type     | L.C.mm | Accuracy ( $\pm$ mm) |
|-----------|------------|-------------|------------|----------------|----------|--------|----------------------|
| 1515 DG-A | 15-50      | 440         | 6.35       | 0.15           | Flexible | 0.1    | 0.5                  |
| 1515 DG-B | 20-200     | 935         | 6.35       | 0.25           | Flexible | 0.1    | 0.7                  |
| 1515 DG-C | 20-300     | 1250        | 6.35       | 0.25           | Flexible | 0.1    | 0.7                  |
| 1515 DG-D | 20-600     | 2180        | 6.35       | 0.25           | Flexible | 0.1    | 0.9                  |

## WELD FILLET GAUGE - MULTI PURPOSE

**MODEL: WG-A**

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



**Material:** Stainless Steel  
**Finish:** Polish  
**Standard:** EEC-II  
**Least Count:** 1mm & 1°  
**Graduations:** Top Side: Metric Scale 1mm  
Back Side: Angular & Metric Scale  
**Range:** 0-35mm & 0-60°

| Model No. | Length (mm) | Width (mm) | Thickness (mm)       | Type  | Accuracy ( $\pm$ mm) |
|-----------|-------------|------------|----------------------|-------|----------------------|
| WG - A    | 60          | 60         | BASE 2.0 & SCALE 1.0 | RIGID | 0.5mm & 0.5 DEG.     |



# ENGINEERING GAUGES

## LEAF TYPE WELD FILLET GAUGE (7LEAVES)

**MODEL: LTWFG**

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, 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.



**Material:** Stainless Steel  
**Finish:** Polish  
**Standard:** EEC-I  
**Least Count:** 1/8"  
**Graduations:** Each Leaf Size Marked  
**Range:** 1/8"-1"

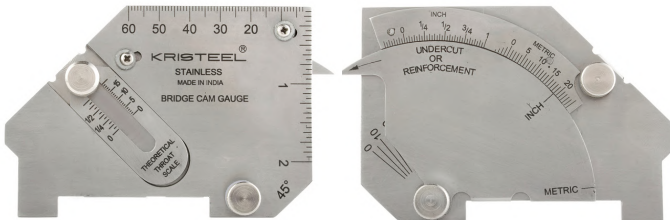
- The fillet weld gauge allows fast, accurate measurement of eleven(11) fillet weld sizes: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", 3/4", 7/8" and 1", and their metric equivalents, to determine weld sizes, either concave or convex.
- Each gauge blade is made of 1-1/4" x 4" stainless steel to resist rust and bending.
- Blades are deburred to remove rough edges.
- All sizes and numerals are engraved into the surface for easier reading.

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| LTWFG     | 101.6       | 31.75      | 0.8            | RIGID | 0.2            |

## BRIDGE CAM TYPE WELD GAUGE

**MODEL: BCWG**

This rugged gauge is fabricated in stainless steel and 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, and General Linear Measurement up to 60mm or 2 inches- Scales are graduated in metric units & supplied in a preventive case with instruction leaflet.



**Material:** Stainless Steel  
**Finish:** Polish  
**Standard:** EEC-I  
**Least Count:** 0.1 and 30min  
**Graduations:** Top Side: Metric Size Marked  
 Back Side: Angular Size Marked  
**Range:** 0 - 60 metric & 0 - 60°

- Angle of preparation, 0° to 60°.
- Excess weld metal (capping size).
- Depth of undercut.
- Depth of pitting.
- Fillet weld throat size.
- Fillet weld length.
- Misalignment (High-low).

| Model No. | Length (mm) | Width (mm) | Thickness (mm)       | Type  | Accuracy (±mm)   |
|-----------|-------------|------------|----------------------|-------|------------------|
| BCWG      | 100         | 69         | BASE 2.0 & SCALE 1.0 | RIGID | 0.5mm & 0.5 DEG. |

## AUTOMATIC WELD GAUGE

**MODEL: AUWG**

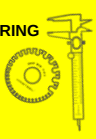
This rugged gauge fabricated in stainless steel will measure the important dimensions of weld preparations & of completed butt and fillet welds. It is intended for general fabrication work in the shop or on-site and rapidly measures weld features like tolerance of convexity, tolerance of reinforcement,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



**Material:** Stainless Steel  
**Finish:** Polish  
**Standard:** EEC-II  
**Least Count:** 1/8"  
**Graduations:** Size Marked  
**Range:** 0-3/4"

- Check reinforcement.
- Check the throat of the fillet weld.
- Determine the leg size of the fillet weld.

| Model No. | Length (mm) | Width (mm) | Thickness (mm)       | Type  | Accuracy (±mm)   |
|-----------|-------------|------------|----------------------|-------|------------------|
| AUWG      | 76.2        | 61         | BASE 2.0 & SCALE 1.0 | RIGID | 0.5mm & 0.5 DEG. |



# ENGINEERING GAUGES

## DIGITAL WELDING GAUGE

**MODEL: 3458**

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°. Fillet weld leg throat size, Butt weld reinforcement.

Supplied with a Calibration certificate.



**Material:** Stainless Steel  
**Finish:** Polish  
**Standard:** DIN862  
**Least Count:** 0.01mm / 0.001"  
**Graduations:** Metric Scale 1mm  
**Range:** 0-20mm

- Accurate readings instantly.
- Easy to read digital display.
- Zero setting at any position.
- Metric/Imperial system conversion any position.

| Model No. | Length (mm) | Width (mm) | Thickness (mm)     | Type  | Accuracy (±mm) |
|-----------|-------------|------------|--------------------|-------|----------------|
| 3458      | 120         | 59.8       | BASE- 6.3 BEAM-3.4 | RIGID | 0.03           |

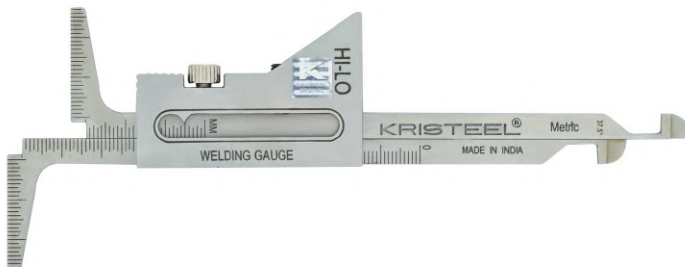
## HI-LO WELDING GAUGE

**MODEL: HLWG**

This Rugged Gauge is used to measure:-

- Internal Misalignment of 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.



**Material:** Stainless Steel  
**Finish:** Polish  
**Standard:** EEC-I  
**Least Count:** 1mm & 1/32"  
**Graduations:** Top Side: Metric Scale 1mm  
 Back Side: Inch Scale 1/32"  
**Range:** 0-45mm

- Slim design.
- Changes from standard to metric- simply remove the gauge body, turn scales over and replace the body.
- Measurements read in standard on one side & metric on the opposite side.
- Measures internal misalignment of pipe before and after tacking.
- Measures bevel on end preparation.
- This handy device even measures scribe lines, socket welds, the crown height of welds & fillet weld size.

| Model No. | Length (mm)          | Width (mm)          | Thickness (mm)      | Type  | Accuracy (±mm) |
|-----------|----------------------|---------------------|---------------------|-------|----------------|
| HLWG      | BASE-57<br>SCALE-157 | BASE-39<br>SCALE-64 | BASE-6.5<br>SCALE-2 | RIGID | 0.2            |

## V WAC WELD GAUGE

This rugged gauge is fabricated in Stainless steel, with a measuring range of 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.

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

**MODEL: VWWGM  
VWWGI**



- Check undercut.
- Check pit depth.
- Check porosity.

**Material:** Stainless Steel  
**Finish:** Polished  
**Standard:** EEC-II

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) | Leastcount | Range  |
|-----------|-------------|------------|----------------|-------|----------------|------------|--------|
| VWWGM     | 101.6       | 31.75      | 1              | RIGID | 0.25           | 0.5        | 0-6mm  |
| VWWGI     | 101.6       | 31.75      | 1              | RIGID | 1/64"          | 1/64"      | 0-1/4" |

Available Models: (I) Metric, (ii) Inches



# ENGINEERING GAUGES

## SKREW T FILLET WELD GAUGE

**MODEL: STFVG**

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

Also, check members' angles from 30 degrees to 90 degrees. The pointer is adjustable in length to set as per welded geometry. All markings are permanently etched and in black colour for easy looking.



**Material:** Stainless Steel  
**Finish:** Polished  
**Least Count:** 2mm and 2.5°  
**Range:** Fillet leg length 0-50mm & angles 30° to 90°

- For checking the angle of the vertical member.
- For checking the weld acute side.
- For checking weld obtuse side.

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm)               |
|-----------|-------------|------------|----------------|-------|------------------------------|
| STFG      | 130         | 65         | 1 & 2          | Rigid | EEC-I 0.2mm Angular 1 degree |

## POCKET FILLET WELD GAUGE-2 KEY

**MODEL: PTFWG**

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



**Material:** Stainless Steel  
**Finish:** Polished  
**Range:-** A- 4 to 12.5 & B- 4 to 18  
**Standard:** EEC-II  
**Leastcount:** 4mm  
 Marking weld sizes

| Model No. | Length (mm)    | Width (mm)     | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|----------------|----------------|----------------|-------|----------------|
| PTFWG     | A-43.45 B-45.8 | A-31.2 B-30.25 | 1              | RIGID | 0.5            |

## WELD ANGLE GAUGE

**MODEL: WAG**

Measurement of but joint gap angle. Sharpened tip enables measurement of root gap of 0mm or when sheet thickness is less than 15mm, with minimum reading of 0.5° and large scale for easy reading.

T-Joint gap angle can be measured avoiding weld buildup. Permanent black marking for easy reading.



**Material:** Stainless Steel, Full Hard  
**Finish:** Polished  
**Standard:** EEC-I  
**Least Count:** Bevel angle-0.5°  
 Cross Weld- 1°  
**Range:** Bevel angle-25-65°  
 Cross Weld- 70-110°

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| WAG       | 117.5       | 63         | 1.2            | Rigid | 0.5°           |



# ENGINEERING GAUGES

## FAN TYPE FILLET WELDING GAUGE

**MODEL: FTWFG**

To check fillet weld leg length & direct conversion of the throat. To check fillet weld throat height. The pointer is adjustable in length to set as per weld geometry. All markings are permanently etched and black-coloured. For easy looking all three scales glass window with zero marking.



**Material:** Stainless Steel

**Finish:** Polished

**Range:** 0 - 20mm

**Graduation:** Metric

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm) | Least count |
|-----------|-------------|------------|----------------|----------------|-------------|
| FTWFG     | 110         | 76         | 1.5            | 0.5            | 1.5         |

## 12 LEAVES WELD GAUGE CUM RADIUS GAUGE SET

**MODEL: WGRG-12L**

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...



**Material:** Stainless Steel

**Finish:** Polish

**Standard:** EEC-I

**Least Count:** 3mm

**Graduations:** Each Leaf Size Marked

**Range:** 3-12mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| WGRG 12L  | 80.6        | 43.4       | 0.5            | RIGID | 0.2            |

## RADIUS GAUGE

**MODEL: 1512 - A**

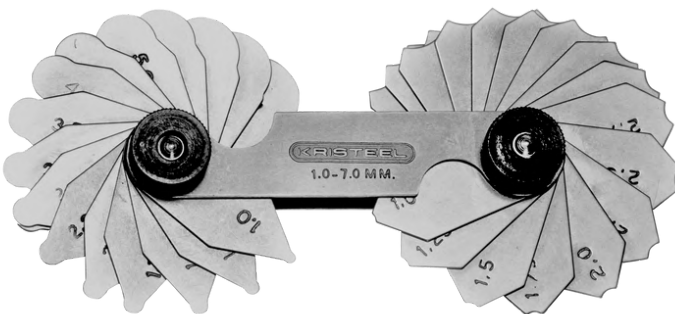
**1515 - B**

**1512 - C**

**1512 - D**

**1512 - ABC**

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



**Material:** Stainless Steel, Full Hard

**Finish:** Polished

**Standard:** EEC-I

**Least Count:** 0.5 mm.

**Graduation:** Gauge Size Marked On Each Leaf

**Range:** 1-7, 7.5-15, 15.5-25mm

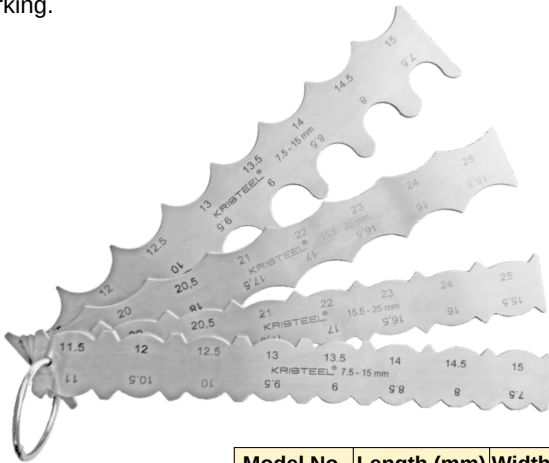
| Model No. | No. of blades | Radius (mm) | Leads (mm)            | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy (±mm) |
|-----------|---------------|-------------|-----------------------|-------------|------------|----------------|----------|----------------|
| 1512 A    | 17            | 1 - 7       | 1-3 = 0.25, 3-7 = 0.5 | 70          | 14         | 0.5            | Flexible | 0.1            |
| 1512 B    | 16            | 7.5 - 15    | 7.5 - 15 = 0.5        | 84          | 21         | 0.5            | Flexible | 0.1            |
| 1512 C    | 20            | 15.5 - 25   | 15.5 - 25 = 0.5       | 84          | 21         | 0.5            | Flexible | 0.1            |
| 1512 D    | 32            | 25- 40      | 25- 40 = 0.5          | 84          | 21         | 0.5            | Flexible | 0.1            |
| 1512 ABC  | 53            | 1 - 25      | 1-25 = 0.5            | 84          | 21         | 0.5            | Flexible | 0.1            |

# ENGINEERING GAUGES

## RADIUS GAUGE B & C LEAF TYPE

**MODEL: 5062**

To check Internal & External Radius. All sizes in one set of 4 leaves assembled in the hanging ring. Permanent size marking black marking.



**Material:** Stainless Steel

**Finish:** Polished

**Standard:** EEC-I

**Least Count:** 0.5 mm.

**Graduation:** Size marked

**Range:** 7.5 to 25mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy ( $\pm$ mm) |
|-----------|-------------|------------|----------------|----------|----------------------|
| 5062      | 200         | 40         | 0.5            | Flexible | 0.1 mm               |

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

**MODEL: 1512-26L**

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



**Material:** Stainless Steel

**Finish:** Polished

**Least Count:** Incremental of 0.5 mm

**Range:** 0.5 mm to 13 mm-26 leaves  
Incremental of 0.5mm

| Model No. | Length (mm)       | Width (mm)        | Thickness (mm)      | Type  | Accuracy ( $\pm$ mm) |
|-----------|-------------------|-------------------|---------------------|-------|----------------------|
| 1512 26L  | SMALL-34 BIG - 65 | SMALL-31 BIG - 62 | SMALL-0.5 BIG - 0.8 | RIGID | 0.1                  |

## CENTRE GAUGE

**MODEL: 1507 - A**  
**1507 - B**

A - 55° CENTRE GAUGE  
A - 60° CENTRE GAUGE

- Made of Steel
- Graduations in both British & Metric Systems.
- Also available in CHROME FINISH(Model no: 1507 - ACF & 1507 - BCF)



**Material:** Stainless Steel

**Finish:** Polished

**Standard:** EEC-II

**Least Count:** 0.5 mm

**Graduations:** Top Side:0.5 & 1.0 mm  
Back Side:Inch TPI Conversion

**Range:** 55 Degree

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy ( $\pm$ mm) |
|-----------|-------------|------------|----------------|-------|----------------------|
| 1507-A    | 57          | 19.5       | 1              | Rigid | 0.5 mm & 0.5°        |
| 1507-B    | 57          | 19.5       | 1              | Rigid | 0.5 mm & 0.5°        |

# ENGINEERING GAUGES

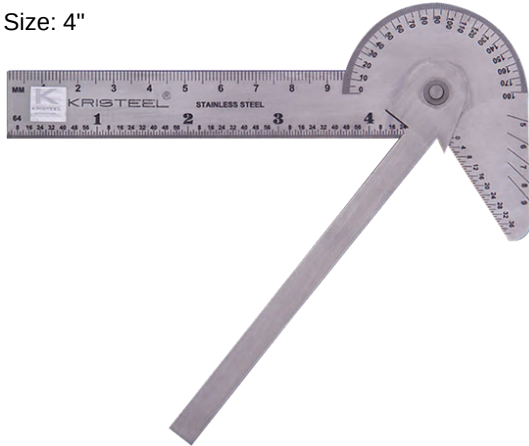
## MULTI USE RULE & GAUGE

MODEL: MURG

Made of long-wearing stainless steel. This gauge is used for five distinct functions

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

Available Size: 4"



**Material:** Stainless Steel  
**Finish:** Polish  
**Standard:** EEC-II  
**Least Count:** 1mm & 1/64" / 1°  
**Graduation:** Topside: Metric, Inch & Angle Scale, Backside: Conversion Table

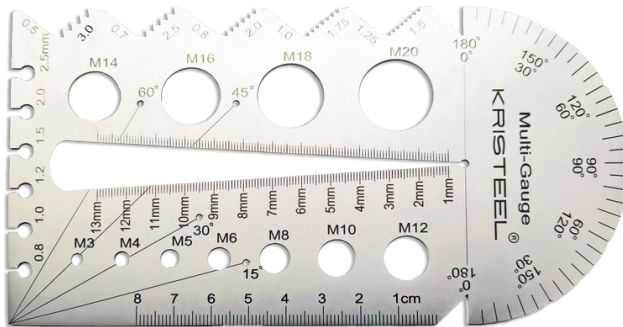
| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| MURG      | 146.5       | 68.25      | 0.8            | RIGID | 0.5            |

## MULTI GAUGE

MODEL: 5071

This multi-gauge is in metric size. Fine cutting of slots to get the exact reading. Permanently etched marking in black for easy reading. Direct conversion of Drill-Tap size. Packed in PVC pouch.

**Uses:** In Tool Room, Fabricator, Trader and Wood Working Industries.



**Material:** Stainless Steel  
**Finish:** Polish  
**Measuring range:**  
 Screw length Upto 80 mm.  
 Bolt length Upto 100 mm.  
 Sheet Thickness 0.8 To 2.5 mm (5 nos).  
 Thread Pitch 0.5 To 3.0 mm (10 nos).  
 Bolt sizes M3 to M20 (11 nos).  
 Drill diameter 1 to 13 mm.  
 Protractor 0 degree to 180 degree (Least count - 5 degree).  
 Direct angle marking 15, 30, 45 and 60 degree.  
**Standard:** EEC-I  
**Leastcount:** Linear -1mm, Angular- 5°

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| 5071      | 167         | 90         | 1              | RIGID | 0.2            |

## MARKING GAUGE

MODEL: MG

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



**Material:** Stainless Steel  
**Finish:** Polish  
**Standard:** EEC-II  
**Least Count:** 1mm  
**Graduations:** Metric 1mm  
**Range:** 0-300 mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| MG        | 335         | 35         | 1              | RIGID | 0.5            |

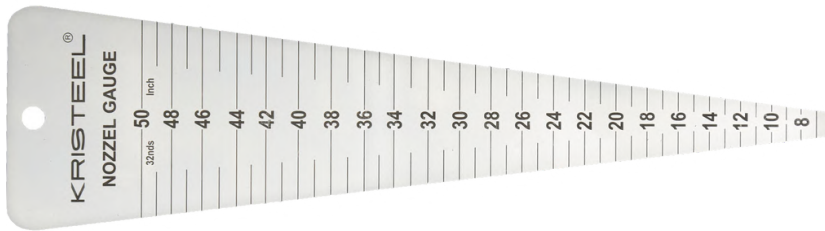


# ENGINEERING GAUGES

## NOZZLE GAUGE

**MODEL: NG3926**

The Nozzle Gauge is made up of Stainless Steel, the finish is chrome.



**Material:** Stainless Steel, Hardened & Tempered

**Finish:** Satin Chrome

**Standard:** EEC-II

**Least Count:** 6.45 mm

**Graduations:** Top side: Size Marking 6.45-39.72mm, Bottom side: Nozzle Size 8 - 50

**Range:** 6.45 - 39.72 mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy ( $\pm$ mm) |
|-----------|-------------|------------|----------------|----------|----------------------|
| NG3926    | 166         | 45         | 0.5            | Flexible | 0.2                  |

## PIPE SIZER

**MODEL: PSIZER**

A 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 a drilling template. A handy and user-friendly tool for Plumbing Contractors, Electrical Contractors, Building Inspectors, Plant Maintenance, etc.



**Material:** Stainless Steel

**Finish:** Polished

**Standard:** EEC-II

**Least Count:** 1/2"

**Graduation:** Top Side: Size Marked

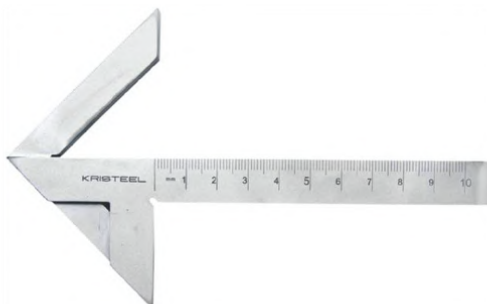
**Range:** 1/2" - 2-1/2"

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy ( $\pm$ mm) |
|-----------|-------------|------------|----------------|-------|----------------------|
| PSIZER    | 149.5       | 78.6       | 0.8            | RIGID | 0.2                  |

## CENTER SQUARE

**MODEL: CS**

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



**Material:** Stainless Steel

**Finish:** Polish

**Standard:** EEC-II

**Least Count:** 1mm

**Graduations:** Metric 1mm

**Range:** 0-100 mm

| Model No. | Length (mm)       | Width (mm)         | Thickness (mm)   | Type  | Accuracy ( $\pm$ mm) |
|-----------|-------------------|--------------------|------------------|-------|----------------------|
| CS        | BASE-70 & ARM-159 | BASE-70 & ARM-49.5 | BASE-9 & ARM-3.5 | RIGID | 0.5 & 0.5 DEG.       |

# ENGINEERING GAUGES

## CNC TOOL SETTING GAUGE

**MODEL: CTSG**

This gauge is made of aluminium material. It Accurately sets Turning, Boring & Facing Tools on the Centerline of the workpiece. 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 the grinding wheel on the centerline of tooth rest for cutter grinding. It is also used for Settable stops on horizontal mills.



**Material:** Aluminium  
**Finish:** Machine Polished  
**Standard:** EEC-II  
**Graduation:** Top Side: Model Marked

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| CTSG      | 37          | 37         | 6.4            | RIGID | 1/2 degree     |

## DELUXE CNC TOOL SETTING GAUGE WITH ANGLE SCALE

**MODEL: DCTSG**

This gauge is made of aluminium material. It Accurately sets Turning, Boring & Facing Tools on the Centerline of the workpiece. All edges of the Tools Setting Gauge V- the body is 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 the grinding wheel on the 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°)



**Material:** Aluminium  
**Finish:** Machine Polished  
**Standard:** EEC-II  
**Least Count:** 5°  
**Graduation:** Top Side: Model Marked

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| DCTSG     | 45          | 45         | 12.7           | RIGID | 1/2 degree     |

## HOOK RULE CUM DRILL POINT GAUGE ASSEMBLY

**MODEL: HRDPG**

This chrome-plated 6" ruler is made of 1 mm thick hardened and Tempered Stainless Steel material and provided with a 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 a drill point angle of 118°. Drill Cutting length up to 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 rules can also be made available.



**Material:** Stainless Steel, Hardened & Tempered  
**Finish:** Satin Chrome Plated  
**Standard:** EEC-I  
**Least Count:** 1/64"  
**Graduation:** Top Side: 1/64" & 1/32"  
Top Side: 1/8" & 1/16"  
**Range:** 0-6"  
**Resolution:** 1/64"

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| HRDPG     | 152         | 19         | 1              | RIGID | 0.2 mm         |





# ENGINEERING GAUGES

## STAIR GAUGE

**MODEL: 3954**

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.



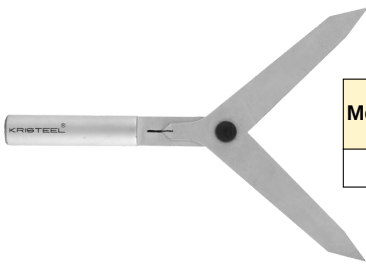
| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  |
|-----------|-------------|------------|----------------|-------|
| 3954      | 25          | 25         | 25             | RIGID |

**Material:** Brass  
**Finish:** Polish  
**Standard:** EEC-II  
**Range:** 0-5 mm

## CENTER FINDER ASSEMBLY

**MODEL: CFA**

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



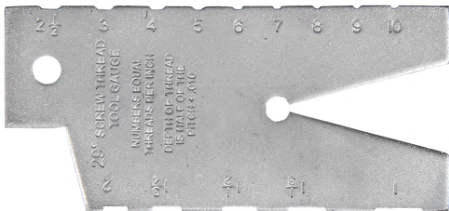
| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| CFA       | 105         | 74         | 2              | RIGID | 0.2            |

**Material:** CRCA Steel  
**Finish:** Satin Chrome Plated  
**Standard:** EEC-I  
**Range:** 0 to 6°

## SCREW THREAD TOOL GAUGE 29°

**MODEL: STTG-29°**

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



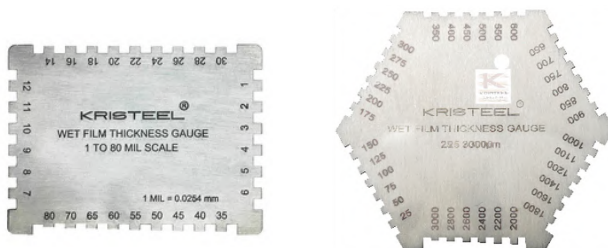
| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| STTG-29°  | 87          | 41         | 2.5            | RIGID | 0.2            |

**Material:** C.R.C.A.S  
**Finish:** Polish  
**Least Count:** 0.94  
**Graduation:** Size Marked  
**Range:** 0.94-9.42mm

## WET FILM THICKNESS GAUGE

**MODEL: WFTG-3126, WFTG-B**

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



**Material:** Stainless Steel  
**Finish:** Polished  
**Standard:** EEC-I  
**Range:** WFTG-3126: 1-80 Mil & WFTG B: 20-3000 Microns

| Model No.  | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) | Leastcount |
|------------|-------------|------------|----------------|-------|----------------|------------|
| WFTG-3126, | 71          | 53         | 1              | RIGID | 0.01           | 1 MIL      |
| WFTG-B     | 80          | 69.3       | 1              | RIGID | 0.01 TO 0.02   | 0.0254     |

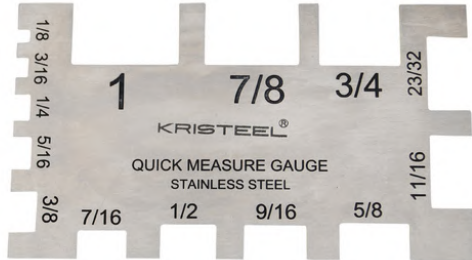


# ENGINEERING GAUGES

## SPINDLE TURNER'S GAUGE

MODEL: STG

This Polish Finish rugged gauge is made of stainless steel material 0.8mm thick- This gauge is useful for spindle turners & Woodworkers for turning a workpiece to the desired diameter, from 1/8" to 1". Woodworkers 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 the printed card in Blister.



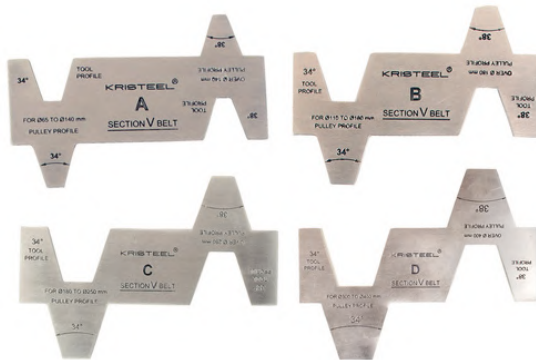
**Material:** Stainless Steel  
**Finish:** Polish  
**Standard:** EEC-II  
**Least Count:** 1/8"  
**Graduation:** Top Side: 1/8" to 1" Size Marked  
**Range:** 1/8" to 1"

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| STG       | 108         | 63         | 0.8            | RIGID | 0.127          |

## V-PULLEY GAUGE SET OF ABCD

MODEL: PG

This gauge is made up of Stainless steel in a 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, the Maintenance department, the Quality department, the Tool Room, etc.



**Material:** Stainless Steel  
**Finish:** Polished  
**Least Count:** DIA 65  
**Graduation:** Top Side: Sizes Marked A,B,C,D  
**Range:** DIA 65-400mm

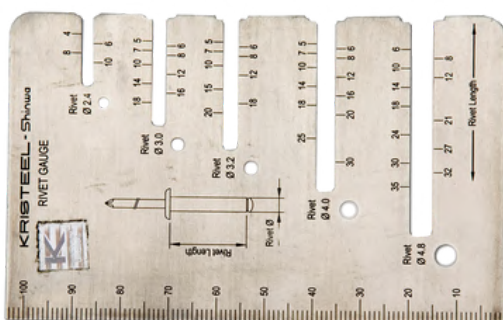
| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-----------|-------------|------------|----------------|-------|----------------|
| PG        | 110         | 88.01      | 0.8            | RIGID | 0.5            |

|               | 34°            | 38°           |
|---------------|----------------|---------------|
| <b>TYPE A</b> | Ø 65 - 140 mm  | Over Ø 140 mm |
| <b>TYPE B</b> | Ø 110 - 180 mm | Over Ø 180 mm |
| <b>TYPE C</b> | Ø 180 - 250 mm | Over Ø 250 mm |
| <b>TYPE D</b> | Ø 300 - 400 mm | Over Ø 400 mm |

## RIVET GAUGE

MODEL: RG

A very handy tool to measure the length and diameter of the rivet. It is made of stainless steel with a polished 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 diameters upto 5mm and lengths upto 35 mm.



**Material:** Stainless Steel  
**Finish:** Polished  
**Least Count:** 1mm & DIA 2.4  
**Graduation:** 1-100mm Grad. Marked  
**Range:** 2.4 to 4.8mm Diameter/ Length: 4 to 35mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------|----------------|
| RG        | 104         | 65         | 0.3            | Flexible | 0.5            |

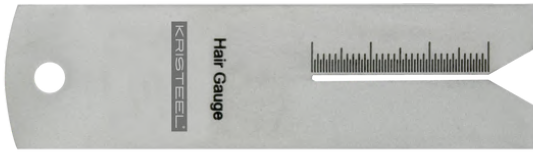


# ENGINEERING GAUGES

## HAIR GAUGE

**MODEL: HAG**

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



**Material:** Stainless Steel  
**Finish:** Satin Chrome Plated  
**Least Count:** 0.5 mm  
**Graduation:** Top Side: 0-30mm Marking  
**Range:** 0-30mm  
**Standard:** EEC-I

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type     | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------|----------------|
| HAG       | 90          | 25         | 0.5            | Flexible | 0.02           |

## PLUMB BOB

**MODEL: 3955**

The plumb 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, or steel.



**Material:** Brass & Tool Steel  
**Finish:** Polish Lacquer

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Type  |
|-----------|-------------|------------|----------------|-------|
| 3955      | 118         | 32         | 32             | RIGID |

## SHEAVE GAUGE (8 LEAVES) & SHEAVE GAUGE (SINGLE PIECE)

**MODEL: 3639  
3239**

This Gauge is made of stainless steel, an 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.

**A. Sheave Groove Root Wear:-** Wire rope will wear the 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. The 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.



**Type:** Rigid  
**Finish:** Polish  
**Standard:** EEC-I

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm) | Leastcount | Range          |
|-----------|-------------|------------|----------------|----------------|------------|----------------|
| 3639      | 75          | 25.4       | 0.8            | 0.127          | 1/2"       | 1/2" to 1 1/4" |
| 3239      | 75          | 75         | 0.8            | 0.127          | 3/16"      | 7/32"-7/16"    |

## EBONY / SAPELE WOOD SQUARE

The Ebony/Sapele Wood Tri-Square is the most important tool in cabinet making. It is a very sensitive tool. This Tool is available in 2", 3", 4" 6", 8", 9", 10" & 12". The stock is made of special Ebony/Sapele Wood along with Brass Fittings. These squares can be used to set up machinery, check the squareness of the cabinet & making 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

**Material:** Wood, Brass & Stainless Steel

**Accuracy:** IS:4017 ( 0.01/10mm)

**Least Count:** 1mm

**Range:** 3,6,9,&12"

**Finish:** Polish & Lacquered

**Graduation:** Metric 1mm both side

| Length (mm) | Width (mm) | Thickness (mm) | Wood square size |
|-------------|------------|----------------|------------------|
| 76.2        | 55         | 1.5            | 3"               |
| 152.4       | 95         | 1.5            | 6"               |
| 228.6       | 137        | 1.5            | 9"               |
| 304.8       | 175        | 1.5            | 12"              |

## DOVETAIL SQUARES

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



**Material:** Wood, Brass & Stainless Steel

**Accuracy:** IS:4017 ( 0.01/10mm)

**Finish:** Polish & Lacquered

| Length (mm) | Width (mm) | Thickness (mm) | Dove square Type |
|-------------|------------|----------------|------------------|
| 67          | 95         | 1              | 1:6              |
| 67          | 95         | 1              | 1:8              |

## MITER SQUARE

This handsome miter square comes with a stainless steel blade & Ebony / Sapele Wood-brass base. This tool is used for setting or checking 45-degree angles in projects such as picture frames.



**Material:** Wood, Brass & Stainless Steel

**Accuracy:** IS:4017 ( 0.01/10mm)

**Finish:** Polish & Lacquered

| Length (mm) | Width (mm) | Thickness (mm) | Type  |
|-------------|------------|----------------|-------|
| 140         | 90         | 1              | Rigid |

## MINI SETUP SQUARE



This rugged gauge, made from rustless steel, will check the squareness of cutting tools such as table saws, 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 be able to set the height of your router bits or table saws blades accurately.

**Material:** Tool Steel

**Least Count:** 1/32"

**Accuracy:** EEC-I

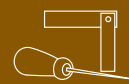
**Range:** Upto 2 inch (45° to 90°)

**Finish:** Polish

**Graduation:** Top Side:1/32"

| Length (mm) | Width (mm) | Thickness (mm) | Type  |
|-------------|------------|----------------|-------|
| 65          | 50         | 10             | Rigid |

# WOOD WORKING TOOLS



## 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 a 1.5" round wooden block
3. Dovetail marking of 1:7.
4. Set the rafter at 90 degrees.
5. To check drill bit dia of 9.5 & 12mm
6. To mark the 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 an L.C 1mm. It can also be used for dovetail marking of 1:7, to set the rafter at 90 degrees, for angular marking on 1.5" round wooden block, to check drill bit dia of 9.5 & 12mm & also to mark 45degree cutting lines on rafter joints.

| Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-------------|------------|----------------|-------|----------------|
| 140         | 140        | 1.5            | Rigid | EEC-I          |

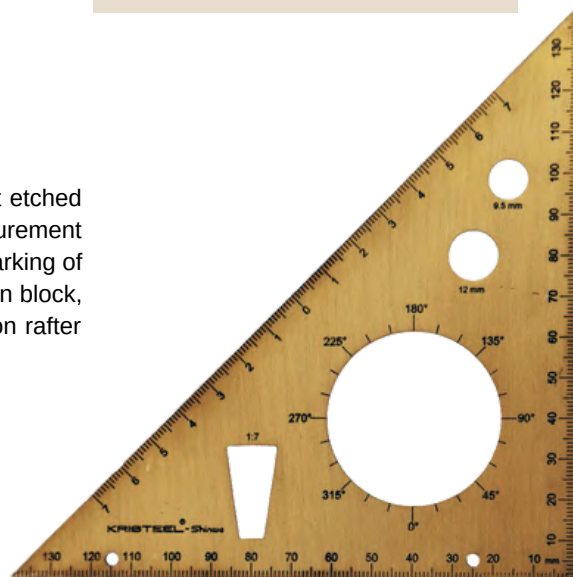
**Material:** Brass

**Least Count:** 1mm / 15°.

**Accuracy:** EEC-I

**Finish:** Polish

**Graduation:** Top Side: Metric 0-130 mm



## ALUMINIUM RAFTER SQUARE

**MODEL: RS07**

The rafter square was made for scribing lines quickly. It has a lipped straight edge that provides 90° and 45° angles. Holding the lip of the rafter square against a board, you can mark out perfect perpendicular and 45° lines. You can do this as quickly as it takes to slide the rafter square around.

**Material:** Aluminium

**Least Count:** 1/8" & 1°

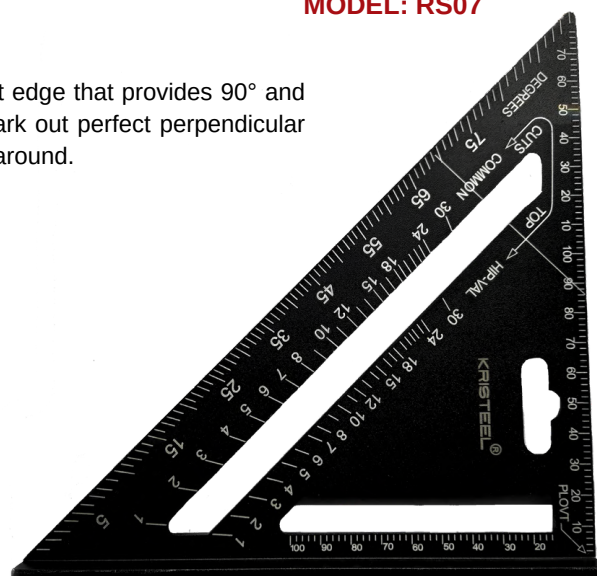
**Accuracy:** IS:4017 (0.01/10mm)

**Finish:** Black Anodised

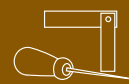
**Range:** 0-7"

**Graduation:** Laser marked 0-7" & 0-90° both sides

| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| RS07      | 180         | 180        | 4              |



- Strong and durable cast aluminium body with a clear and accurate scale.
- Use as a saw guide for angle measurements and cuts.
- High Quality: made of aluminium alloy with a black frosted surface to prevent strong light reflection.
- Clear-cut edges - The edges and corners are clean-cut aluminium for accurate marking.
- Common markings - can be used for common carpentry angles
- Suitable for - Suitable for all construction, timber items, and renovation projects, but also for hobbyists and tradesmen.
- Saw edge - you can cross-cut or cut at an angle with the thick edges of the saw directly against the square, allowing you to quickly and accurately cut..



# WOOD WORKING TOOLS

## 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 a plastic pouch.



**Material:** Brass  
**Least Count:** 0.1 & 1/16"  
**Range:** 0-4"  
**Finish:** Polish  
**Range:** 0-100mm  
**Graduation:** Top Side: Metric 1mm / Inch 1/16"

| Length (mm) | Width (mm) | Thickness (mm) | Type  | Accuracy (±mm) |
|-------------|------------|----------------|-------|----------------|
| 116         | 35         | 3              | RIGID | 0.2            |

## MINI TORPEDO LEVEL

The Mini Torpedo Level comes to you in a specially designed Ebony / Sapele Wood with Brass Fittings. Used extensively by Wood Workers & also as Pabby Tools. Its size measures 105 mm in Length, 18 mm in Width & 27 mm in Height.



**Material:** Wood & Brass  
**Accuracy:** 0.5/mtr  
**Finish:** Lacquered  
**Range:** 4"

| Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm) |
|-------------|------------|----------------|----------------|
| 106.5       | 28.25      | 18.6           | 0.5/MTR        |

## STAINLESS STEEL DOVETAIL MARKER

in cutting dovetail 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.



**Material:** Stainless Steel Hardened & Tempered  
**Material Type:** Rigid  
**Finish:** Satin Chrome  
**Standard:** EEC-I  
**Leastcount:** SLOPE 1:5  
**Graduation:** Top side- Size marking, Bottom side- Blank

| Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm) |
|-------------|------------|----------------|----------------|
| 63.5        | 42         | 1.5            | 0.5 degree     |

## DELUX BRASS DOVETAIL MARKER



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 a 1:7 ratio is suitable for softwoods. Packed in card paper box.

| Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm) |
|-------------|------------|----------------|----------------|
| 46          | 46         | 3              | 0.5 DEG.       |

**Material:** Brass  
**Graduation:** Top Side: Size Marked 1:7 & 1:9  
**Finish:-** Lacquered

# WOOD WORKING TOOLS

## HOOK RULE

An easy tool for carpenters provided with a hook for ease of operation on workpieces. This scale is known as the 4R rule, each of which has four different scales. One face has 1/8" & 1/16" division, the other 1/32" & 1/64" divisions. The scale has 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.

**Material:** Stainless Steel Hardened & Tempered

**Least Count:** 1/64"

**Accuracy:** EEC-I

**Finish:** Satin Chrome

**Range:** 150 mm & 300 mm.

**Graduation[4R]:** Top Side: 1/32" & 1/64"

Back Side: 1/8" & 1/16"



| Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm) |
|-------------|------------|----------------|----------------|
| 304.8       | 25         | 1              | 0.2            |

## MINI SLIDING BEVEL

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

Also available in Teakwood



**Material:** Wood, Brass & Stainless Steel

**Accuracy:** IS:4017 (0.01/10mm)

**Finish:** Polish & Lacquered

| Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm)      |
|-------------|------------|----------------|---------------------|
| 120         | 15         | 1              | IS:4017 (0.01/10mm) |

## SLIDING BEVEL

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



**Material:** Wood, Brass Stainless Steel

**Accuracy:** IS:4017 ( 0.01/10mm)

**Finish:** Polish & Lacquered

**Range:** 6"&9"

| Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm)      |
|-------------|------------|----------------|---------------------|
| 200         | 32         | 1              | IS:4017 (0.01/10mm) |

## 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 screws 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



**Material:** Wood, Brass & Stainless Steel

**Finish:** Polish & Lacquered

| Length (mm) | Width (mm) | Thickness (mm) |
|-------------|------------|----------------|
| 75          | 19         | 19             |

# WOOD WORKING TOOLS

## 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 feature makes it possible to adjust it to the exact size by micrometer measurement and also permits use in place of several solid-type parallels.

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



**Material:** Tool Steel  
**Least Count:** 17.5mm  
**Accuracy:** EEC-I  
**Finish:** Polish  
**Range:** 11/16" (17.5mm) to 15/16" (24mm)

| Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm) |
|-------------|------------|----------------|----------------|
| 72          | 30         | 9              | EEC-I          |

## WOODEN SCRATCH AWL

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

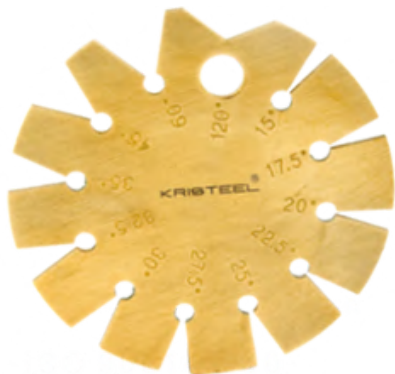


**Material:** Wood & Tool Steel  
**Accuracy:** EEC-II  
**Finish:** Polish & Lacquered  
**Range:** 0-6"

| Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm) |
|-------------|------------|----------------|----------------|
| 200         | 34         | 4 DIA          | EEC-II         |

## BEVEL GAUGE

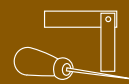
The Bevel Gauge is an indispensable measuring tool for checking Bevel Gauges i.e. 12 Angles (15 degrees to 120 degrees). It can be used extensively by Woodworkers.



**Material:** Brass  
**Least Count:** 15°  
**Accuracy:** 0.5°  
**Finish:** Polish  
**Range:** 15-120°  
**Standard:** EEC-I  
**Graduation:** Top Side: 15 to 120° Marked

| Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm) |
|-------------|------------|----------------|----------------|
| 46          | 46         | 1.2            | 0.5 DEGREE     |





# WOOD WORKING TOOLS

## 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 a 1:7 Ratio is suitable for softwoods.



**Material:** Brass  
**Least Count:** 1/8"  
**Accuracy:** EEC-I  
**Finish:** Polished (Lacquered)  
**Range:** 1/8, 3/16, 1/4, 3/8, 1/2" (2.5" long)  
**Graduation:** Top Side: Sizes Marked

| Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm) |
|-------------|------------|----------------|----------------|
| 63.5        | 36.5       | 12.7           | EEC-I          |

## WOODEN SCRAPER HOLDER

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



**Material:** Wood  
**Finish:** Polish & Lacquered  
**Range:** 150mm Long

| Length (mm) | Width (mm) | Thickness (mm) | Type  |
|-------------|------------|----------------|-------|
| 202         | 48         | 37             | Rigid |

## BRASS CENTER 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.



**Material:** Brass  
**Finish:** Polish & Lacquered  
**Accuracy:** EEC-II  
**Least Count:** Min. 35mm Dia Center Find  
**Range:** 35 to 200mm Dia Center Find

| Length (mm) | Width (mm) | Thickness (mm) |
|-------------|------------|----------------|
| 135         | 45         | 1.5            |

## 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.



**Material:** Stainless Steel Hardened & Tempered  
**Finish:** Polished  
**Least Count:** 50 x 150 mm  
**Accuracy:** EEC-II

| Length (mm) | Width (mm) | Thickness (mm) |
|-------------|------------|----------------|
| 150         | 60         | 0.5            |



## HEXAGONAL PEN SHAPE SCRIBER(CARBIDE TIP)

**MODEL: HPSS**

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

**Material:** Tool Steel & Carbide Tip  
**Finish:** Nickel Chrome Plated  
**Range:** 150mm



| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| HPSS      | 152         | 6          | 7              |

## PEN SHAPED SCRIBER (HSS TIP)

**MODEL: PSS-3227**

This scriber has an HSS tip.  
Diameter 2.5mm, A pocket clip is provided & individually packed in a PVC pouch.

**Material:** Tool Steel & Carbide Tip  
**Finish:** Nickel Chrome Plated  
**Range:** 150mm



| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| PSS-3227  | 152         | 6          | 6              |

## STRAIGHT END SCRIBER

**MODEL: 3934**

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

**Material:** Tool Steel  
**Finish:** Blackodised  
**Accuracy:** 1mm  
**Standard:** EEC-III  
**Range:** 175



Pointed Tip and Knurled Handle

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------------|
| 3934      | 178         | DIA 8      | DIA 4          | 1mm            |

## L SHAPED BLACKODISED SCRIBER

**MODEL: 3804**

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

**Material:** Tool Steel  
**Finish:** Blackodised  
**Accuracy:** 1mm  
**Standard:** EEC-III  
**Range:** 250



Pointed Tip Straight & Angled with Knurled Handle

| Model No. | Length (mm) | Width (mm) | Thickness (mm)     | Accuracy (±mm) |
|-----------|-------------|------------|--------------------|----------------|
| 3804      | 250         | 27.5       | SCRIBER-4 HANDLE-8 | 1mm            |



# MARKING TOOLS

## DIVIDER

Made of special steel, rivet hinge



**Material:** Tool Steel

**Finish:** Polished

**Standard:** EEC-III

**Range:** 150 - 500

**MODEL:** D - 150

D - 200

D - 250

D - 300

D - 400

D - 500

| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| D - 150   | 205         | 150        | 6              |
| D - 200   | 255         | 200        | 6.5            |
| D - 250   | 320         | 250        | 8              |
| D - 300   | 370         | 300        | 8              |
| D - 400   | 470         | 400        | 9              |
| D - 500   | 575         | 500        | 9              |

## DIVIDERS WITH QUADRANT

Made of special steel, rivet hinge



**Material:** Tool Steel

**Finish:** Polished

**Standard:** EEC-III

**Range:** 150 - 500

**MODEL:** DQ - 150

DQ - 200

DQ - 250

DQ - 300

DQ - 400

DQ - 500

| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| DQ - 150  | 205         | 150        | 6              |
| DQ - 200  | 255         | 200        | 6.5            |
| DQ - 250  | 320         | 250        | 8              |
| DQ - 300  | 370         | 300        | 8              |
| DQ - 400  | 470         | 400        | 9              |
| DQ - 500  | 575         | 500        | 9              |

## SPRING DIVIDER

These dividers have hardened points with an arrangement of quick-acting set screws. Each divider is individually packed.



**Material:** Tool Steel

**Finish:** Polished

**Standard:** EEC-III

**Range:** 150 - 500

**MODEL:** SD - 150

SD - 200

SD - 250

SD - 300

| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| SD - 150  | 205         | 150        | 6              |
| SD - 200  | 255         | 200        | 6.5            |
| SD - 250  | 320         | 250        | 8              |
| SD - 300  | 370         | 300        | 8              |

## DIVIDERS WITH PENCIL HOLDER

Made of special steel, hardened points with pencil holder.



**Material:** Tool Steel

**Finish:** Polished

**Standard:** EEC-III

**Range:** 150 - 500

**MODEL:** DPH- 150

DPH - 200

DPH - 300

| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| DPH- 150  | 205         | 150        | 4              |
| DPH - 200 | 255         | 200        | 4              |
| DPH - 300 | 320         | 250        | 4              |



# MARKING TOOLS

## SQUARE LEG SPRING DIVIDER

These heavy-duty square leg dividers have hardening points with an arrangement of quick-acting set screws. **MODEL: SLSD - 150**  
Each divider is individually packed. **SLSD - 200**  
**SLSD - 250**



**Material:** Tool Steel  
**Finish:** Polished  
**Standard:** EEC-III  
**Range:** 150 - 500

| Model No.  | Length (mm) | Width (mm) | Thickness (mm) |
|------------|-------------|------------|----------------|
| SLSD - 150 | 205         | 150        | 6              |
| SLSD - 200 | 255         | 200        | 6.5            |
| SLSD - 250 | 320         | 250        | 8              |

## FIRM JOINT JENNY CALIPER

This rugged gauge, fabricated in CRCA/ Structural Steel used in various industries, like fabricating workshops, Tools Room and also in the woodworking industry. **MODEL: 4304**  
**4305**



**Material:** Stainless Steel  
**Finish:** Polished  
**Standard:** EEC-III  
**Range:** Type A-4", Type B-6" & Type C-8"

| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| 4304      | 116         | 100        | 2              |
| 4305      | 165         | 150        | 2              |

## INSIDE CALIPER

These calipers have hardening points with an arrangement of quick-acting set screws. **MODEL: IC - 150**  
Each caliper is individually packed. **IC - 200**  
**IC - 250**  
**IC - 300**



**Material:** Tool Steel  
**Finish:** Polished  
**Standard:** EEC-III  
**Range:** 150 - 500

| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| IC - 150  | 205         | 150        | 6              |
| IC - 200  | 255         | 200        | 6.5            |
| IC - 250  | 320         | 250        | 8              |
| IC - 300  | 370         | 300        | 8              |

## SQUARE LEG INSIDE CALIPER

These heavy-duty square-leg calipers have hardening points with an arrangement of quick-acting set screws. Each caliper is individually packed. **MODEL: SLIC - 150**  
**SLIC - 200**  
**SLIC - 250**  
**SLIC - 300**



**Material:** Tool Steel  
**Finish:** Polished  
**Standard:** EEC-III  
**Range:** 150 - 500

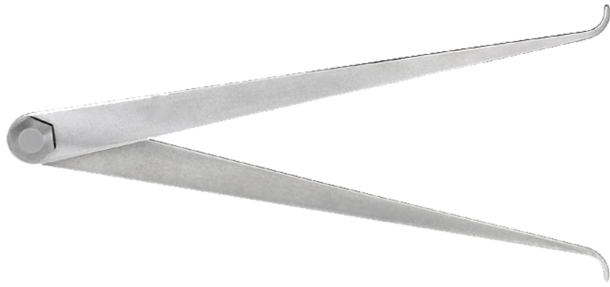
| Model No.  | Length (mm) | Width (mm) | Thickness (mm) |
|------------|-------------|------------|----------------|
| SLIC - 150 | 205         | 150        | 6              |
| SLIC - 200 | 255         | 200        | 6.5            |
| SLIC - 250 | 300         | 250        | 8              |
| SLIC - 300 | 350         | 300        | 8              |



# MARKING TOOLS

## INSIDE CALIPER WITH RIVET

These are made of Special Steel & are hinged with rivet.



**Material:** Tool Steel

**Finish:** Polished

**Standard:** EEC-III

**Range:** 150 - 500

**MODEL:** ICR - 150

ICR - 200

ICR - 250

ICR - 300

ICR - 400

ICR - 500

| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| ICR - 150 | 205         | 150        | 6              |
| ICR - 200 | 255         | 200        | 6.5            |
| ICR - 250 | 320         | 250        | 8              |
| ICR - 300 | 370         | 300        | 8              |
| ICR - 400 | 470         | 400        | 9              |
| ICR - 500 | 575         | 500        | 9              |

## OUTSIDE CALIPER

These calipers have hardening points with an arrangement of the quick-acting set screws. Each caliper is individually packed.



**Material:** Tool Steel

**Finish:** Polished

**Standard:** EEC-III

**Range:** 150 - 500

**MODEL:** OC - 150

OC - 200

OC - 250

OC - 300

| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| OC - 150  | 205         | 150        | 6              |
| OC - 200  | 255         | 200        | 6.5            |
| OC - 250  | 320         | 250        | 8              |
| OC - 300  | 370         | 300        | 8              |

## SQUARE LEG OUTSIDE CALIPER

These heavy-duty square-leg calipers have hardening points with an arrangement of the quick-acting set screw. Each caliper is individually packed.



**Material:** Tool Steel

**Range:** 150 - 500

**Finish:** Polished

**Standard:** EEC-III

**MODEL:** SLOC - 150

SLOC - 250

SLOC - 300

| Model No.  | Length (mm) | Width (mm) | Thickness (mm) |
|------------|-------------|------------|----------------|
| SLOC - 150 | 205         | 150        | 6              |
| SLOC - 250 | 300         | 250        | 8              |
| SLOC - 300 | 350         | 300        | 8              |

## OUTSIDE CALIPER WITH RIVET

These are made of Special Steel, rivet hinged & individually packed.



**Material:** Tool Steel

**Finish:** Polished

**Standard:** EEC-III

**Range:** 150 - 500

**MODEL:** OCR - 150

OCR - 200

OCR - 250

OCR - 300

OCR - 400

OCR - 500

| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| OCR - 150 | 205         | 150        | 6              |
| OCR - 200 | 255         | 200        | 6.5            |
| OCR - 250 | 320         | 250        | 8              |
| OCR - 300 | 370         | 300        | 8              |
| OCR - 400 | 470         | 400        | 9              |
| OCR - 500 | 575         | 500        | 9              |



# JEWELLERY TOOLS

## POINTED TIP TWEEZER

**MODEL: 3827**

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

**Material:** Stainless Steel

**Finish:** Polished

**Range:** 110 mm Long



| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| 3827      | 110         | 9          | 1.5            |

## ROUND TIP TWEEZER

**MODEL: 3937**

It has a length of 110mm. This high-quality Tweezers are made of Stainless Steel for technical applications. It has a curved design.

**Material:** Stainless Steel

**Finish:** Polished

**Range:** 110 mm Long



| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| 3937      | 110         | 9          | 1.5            |

## ASSEMBLY TWEEZER

**MODEL: 3938**

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

**Material:** Stainless Steel

**Finish:** Polished

**Range:** 110 & 160 mm Long



| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| 3938      | 160         | 9          | 1.5            |

## MINI CHISEL SET

**MODEL: 3942**

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

**Material:** Stainless Steel

**Finish:** Polished

**Range:** 6 Types



| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| 3942      | 160         | 5          | 5              |

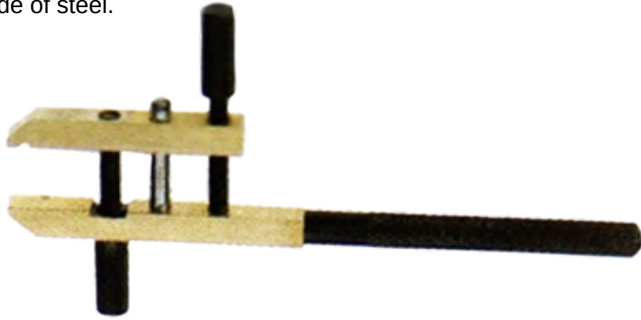


# JEWELLERY TOOLS

## HAND VISE WITH NARROW JAW

**MODEL: HVNJ**

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



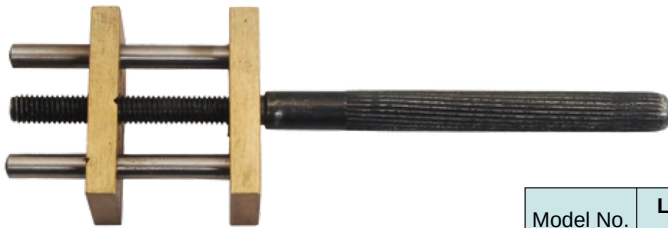
**Material:** Brass & Tool Steel  
**Finish:** Polished & Lacquered  
**Accuracy:** 0.5mm  
**Range:** 0-15 mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------------|
| HVNJ      | 140         | 25         | 7.5            | 0.5mm          |

## HAND VISE WITH WIDE JAWS

**MODEL: HVWJ**

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



**Material:** Brass & Tool Steel  
**Finish:** Polished & Lacquered  
**Accuracy:** 0.5mm  
**Range:** 0-40 mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------------|
| HVWJ      | 130         | 40         | 15             | 0.5mm          |

## JEWELLERS DRILL

**MODEL: 3936**

This drill comes with an overall length of 190mm and is used for making fine holes having diameters 0-1 mm, it also has four jaw chucks and a metal handle.



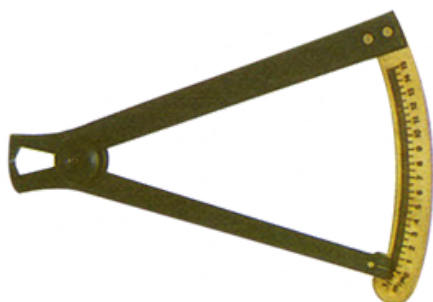
**Material:** Tool Steel  
**Finish:** Nickel Plated  
**Accuracy:** 0.1mm  
**Range:** 0-1mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------------|
| 3936      | 190         | 12         | 10             | 0.1            |

## DIAMOND GAUGE

**MODEL: 3935**

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



**Material:** Brass & Steel  
**Finish:** Polished & Lacquered  
**Accuracy:** 0.5mm  
**Least Count:** 1mm  
**Graduation:** Top Side: 1 mm to 15 mm Scale  
**Range:** 0 - 15mm

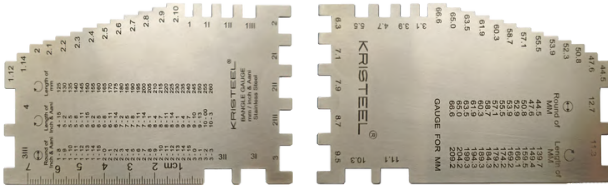
| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------------|
| 3935      | 150         | 100        | 1              | 0.5            |



# JEWELLERY TOOLS

## BANGLE GAUGE

To Check Bangle I.D. & Width. It is used to measure bangle size. Used by manufacturers/jewellers/retailers/showroom/etc. Pure Stainless Steel Bangle Gauge For Measuring Size and Thickness of any Bangle.



**MODEL: BG**

**Material:** Stainless Steel  
**Finish:** Polished  
**Accuracy:** ±0.2mm  
**Least Count:** 1mm  
**Graduation:** Top Side: Metric scale & conversion table & Back Side: inch scale & conversion table  
**Range:** Bangle I.D.- 44.5 to 66.6mm & Bangle Width 3.1 to 12.7mm (13 Sizes)

| Model no. | Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------------|
| 5031      | 116         | 67         | 1              | 0.2            |

## 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 to its polygonal base.



**MODEL: AGSL**

**Material:** Glass  
**Finish:** Transparent  
**Range:** 120 CCM capacity

| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| AGSL      | 120         | 120        | 120            |

## GLASS SPIRIT LAMP

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



**MODEL: GSL**

**Material:** Glass  
**Finish:** Transparent  
**Range:** 120 CCM capacity

| Length (mm) | Width (mm) | Thickness (mm) |
|-------------|------------|----------------|
| 120         | 120        | 120            |

## 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.



**MODEL: 3946**

**Material:** Tool Steel  
**Finish:** Nickel Plated and Painted  
**Range:** 130mm long

| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| 3946      | 135         | 75         | 16             |



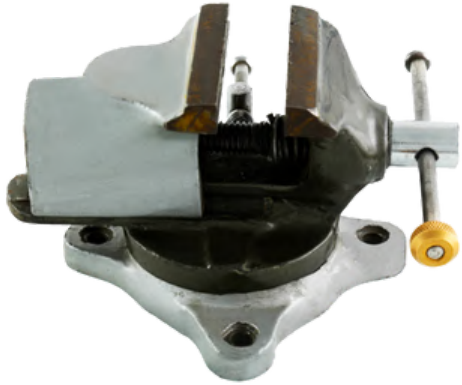


# JEWELLERY TOOLS

## MINIATURE VISE

**MODEL: 3944**

It has a maximum opening of 30 mm and jaw width of 48 mm with an approx weight of 950 gms. It has a parallel vise 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 Jaws.



**Material:** Tool Steel  
**Finish:** Nickel Plated and Painted  
**Range:** 30mm

| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| 3944      | 48          | 30         | 30             |

## STONE & MOUNTING DIAMOND GAUGE

**MODEL: SMDG**

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, and the other side show the corresponding carat measurements. Measures 2 mm - 11 mm in 0.5 mm increments.

Measures and compares round gemstones and mountings Measures 2 mm -11 mm in 0.5 mm increments. 19 sizes total

Measures in carats and millimeters.

**Material:** Stainless Steel  
**Finish:** Polished  
**Least Count:** 2mm  
**Accuracy:** 0.2mm  
**Graduation:** Top Side: Metric Scale  
 Back Side: Carat Scale  
**Range:** 2.0 to 11.0 mm (1/32 to 4 carats)

**NOTE:** Internal & External



| Model No. | Length (mm) | Width (mm) | Thickness (mm) | Accuracy (±mm) |
|-----------|-------------|------------|----------------|----------------|
| SMDG      | 102         | 102        | 0.5            | 0.2            |

## HOOK & PICK SET

**MODEL: 3946**

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



| Model No. | Length (mm) | Width (mm) | Thickness (mm) |
|-----------|-------------|------------|----------------|
| 3946      | 160         | 5          | 5              |

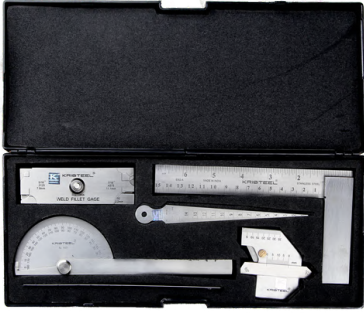
**Material:** Stainless Steel  
**Range:** 130 - 160mm  
**Finish:** Polished



# KITS

## WELDER KIT 1

**MODEL: 3488**



### This Kit Comprises of

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

## WELDER KIT 2

**MODEL: 3559**



### This Kit Comprises of

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

## WELDER KIT 3

**MODEL: 3592**



### This Kit Comprises of

- Digital Vernier Caliper 150mm
- V Vac Welding Gauge
- Leaf Type Weld Fillet Gauge (7 Leaves)
- Pocket Clip Rule 150mm
- Automatic Weld Gauge
- Magnifying Glass

## FABRICATOR KIT

**MODEL: 3487**



### This Kit Comprises of

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

## AUTOMOBILE KIT

**MODEL: 3490**

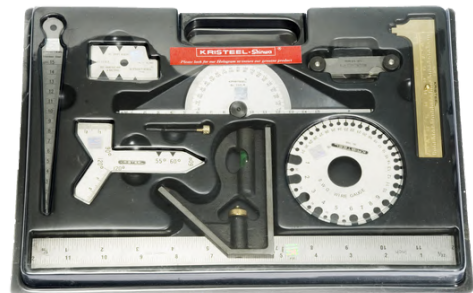


### This Kit Comprises of

- Bore Gauge 1- 15mm
- Stainless Steel Rule 150mm
- Tyre Depth Gauge 0-50mm
- Feeler Gauge 27 Blades
- Radius Gauge 1mm-7mm
- Radius Gauge 7.5mm-15mm
- Screw Pitch Gauge
- Stainless Steel Rule 300mm

## ENGINEER'S KIT

**MODEL: EK 1**



### This Kit Comprises of

- 2pc Combination Try & Meter Square,
- Bore Gauge,
- Universal Gauge,
- Degree Protractor-cum Depth Gauge,
- Screw Cutting Gauge,
- Radius Gauge,
- Round Wire Gauge &
- Caliper Gauge.

The kit serves every purpose of tool room/workshop operations, right from measuring/marking thickness, angles, depth, radius, length, bore, level, diameters etc.

# How to identify Genuine Kristeel Products

Beware! You may find Kristeel look alikes 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.

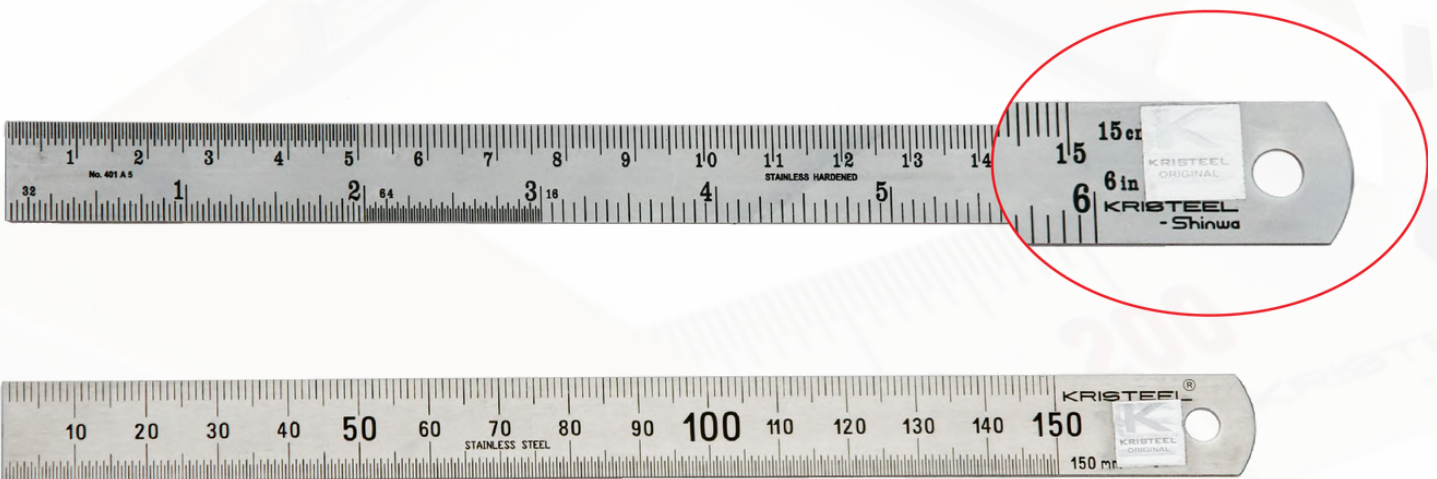
Here's how you can do it.

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

1. Seal/Sticker on the flap.
2. Permanent, non peeling D hologram on each product.
3. Smooth edges
4. Conversion table attached on the reverse

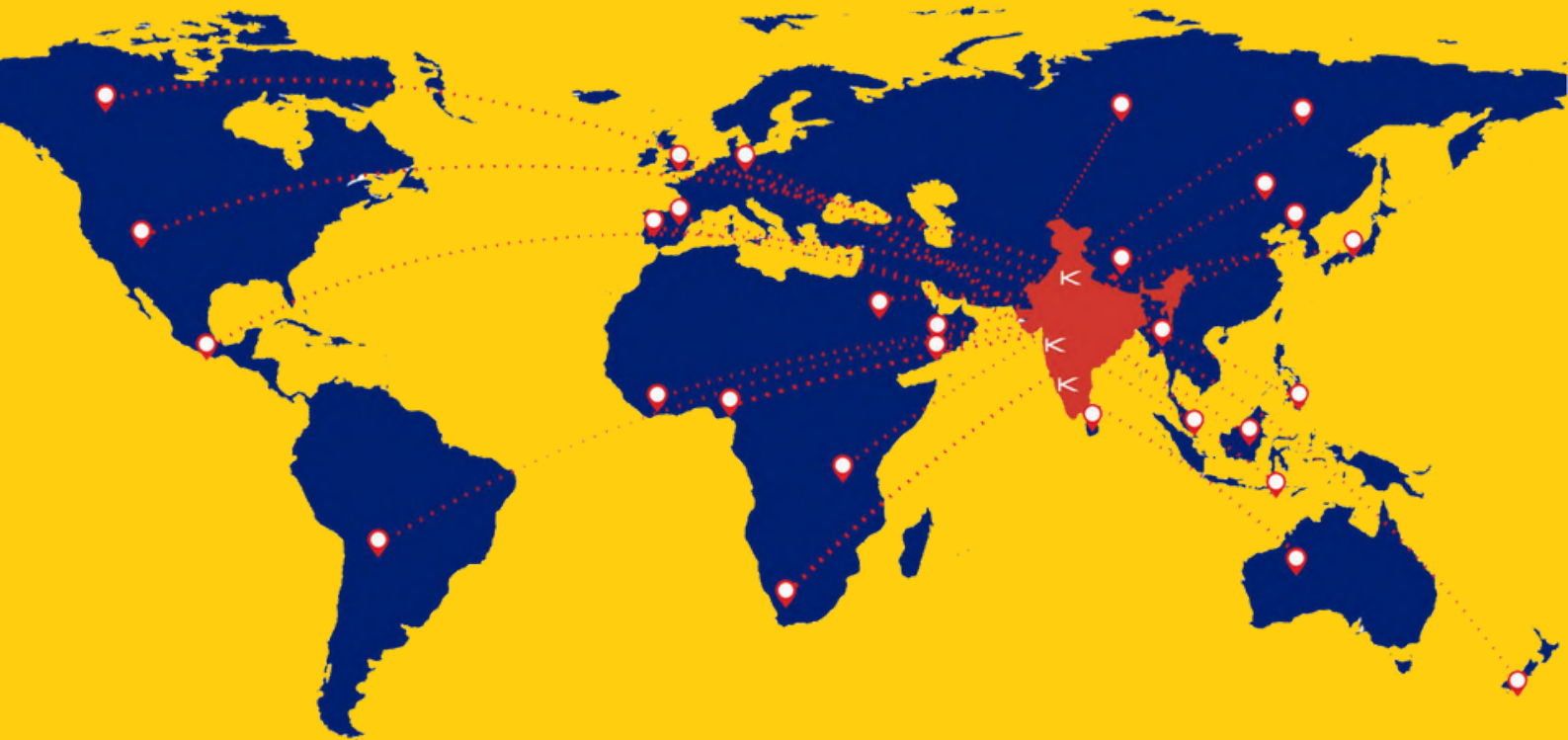
A little prudence will therefore enable you to identify an original Kristeel product from a poor quality duplicate. And ensure that in the lure of a bargain, you do not end up spending much much more. Think of what a cheaper, poor quality measuring tool can lead to. Frequent breakdowns, loss of vital 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 got fooled!!**



Further any queries contact us at [misales@kristeel.com](mailto:misales@kristeel.com) or call **+91 8879760523**

# Decades of Engineering Excellence



## KRISTEEL<sup>®</sup>

AN ISO 9001:2015 CERTIFIED COMPANY

★ *Precision*

★ *Accuracy*

★ *Reliability*



[www.kristeel.com](http://www.kristeel.com)



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