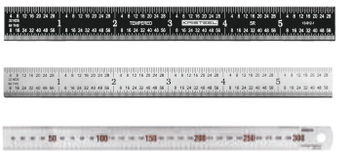
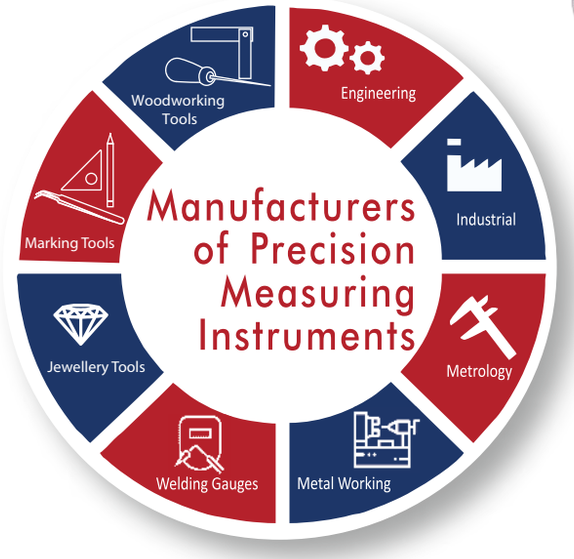
KRISTEEL®













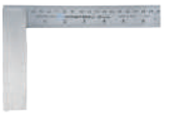










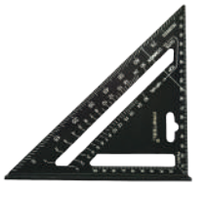


















Stainless Steel Rulers



Engineering Guages



Woodworking Tools



Marking Tools



Jewellery Tools



Kits



Decades of Engineering Excellence

KRISTEEL



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, Suddeutschland Group. Germany and are now working towards following 6 Sigma Management practices.

Kristeel has been adhering to stringent international norms for each of its manufacturing processes. Kristeel aims towards 'O' 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.

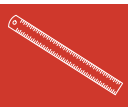
"In the pursuit of excellence, there is no finishing line". This is a philosophy that permeates every single member of the **Kristeel** family. This is why we have always tried to surpass our own achievements. Take, for instance, our zero-defect manufacturing. The class 10,000 clean room, TQM practices, 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.

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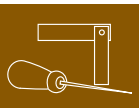
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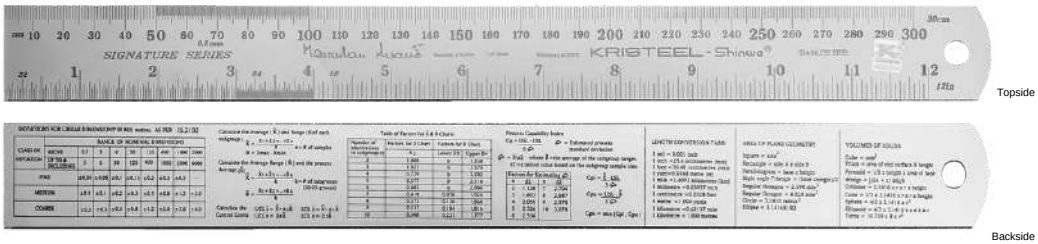
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STAINLESS STEEL RULERS



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

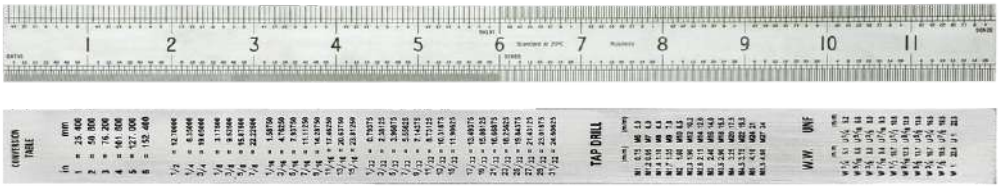
SIGNATURE SERIES RULES- WITH CALIBRATION CERTIFICATE

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. ± 0.2mm 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 (±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





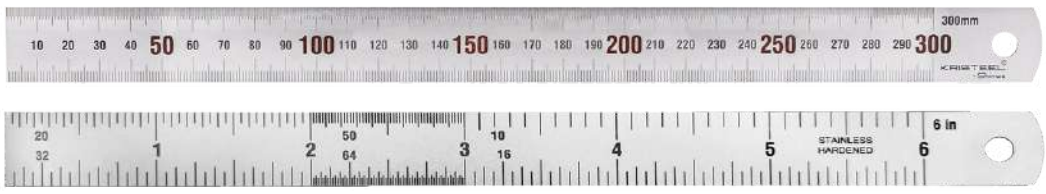
Material: Stainless Steel, Hardened & Tempered
Standard: EEC - I
Least Count: 0.5mm / 1/64"
Finish: Satin Chrome
Graduation: Deeply etched
Top Side: 1/10,1/20,1/50" & 1/16,1/32,1/64"
Bottom Side: Decimal Equivalent Table

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 (±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



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"

METRIC AND ENGLISH WITH CHROME FINISH AND RED MARKING

Model: 101

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 (±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



SQUARE ENDED/METRIC OR ENGLISH*

Model: 901

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".

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.

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



Topside



Backside

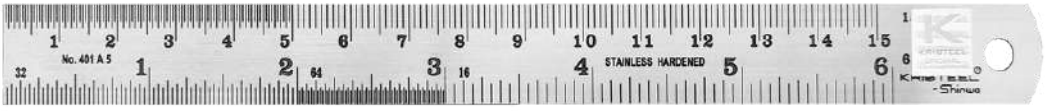
METRIC AND ENGLISH

Model: 301

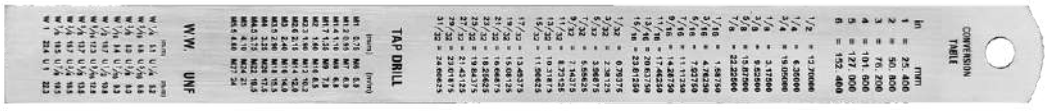
Material: Stainless Steel
Standard: EEC-II
Least Count: 0.5mm/1/64"
Finish: Polish
Graduation: Deeply etched TOP SIDE: 1/2 , 1 mm & 1/64,1/32,1/16"
BACK SIDE: Conversion Table

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.

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



Topside



Backside

METRIC AND ENGLISH

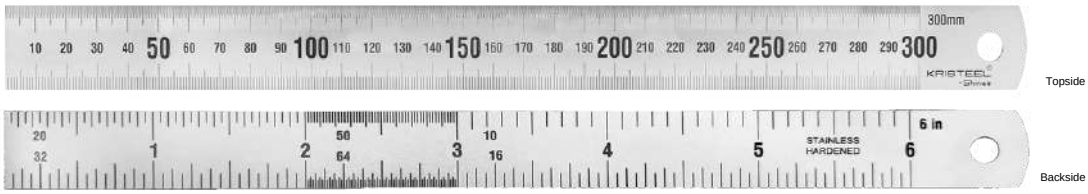
Model: 401

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

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.

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

STAINLESS STEEL RULERS



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



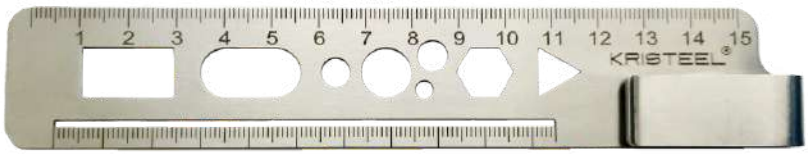
Material: Stainless Steel
Standard: EEC-II
Least Count: 0.5mm
Finish: Polish
Graduation: Deeply etched TOP SIDE: 1/2 & 1 mm.
BACK SIDE: 1/2 & 1 mm

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



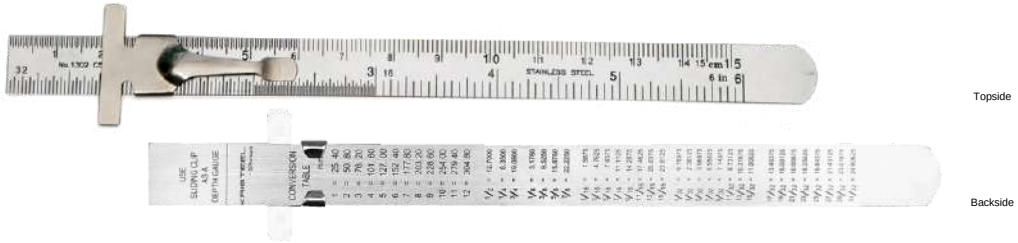
POCKET CLIP RULE- DEPTH GAUGE COMBINATION

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



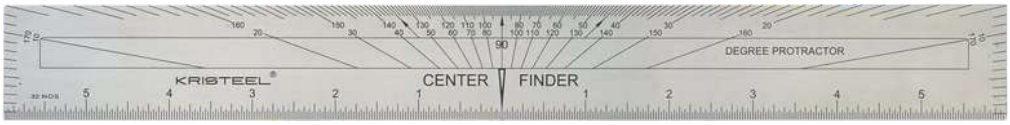
CENTRE FINDING RULE

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

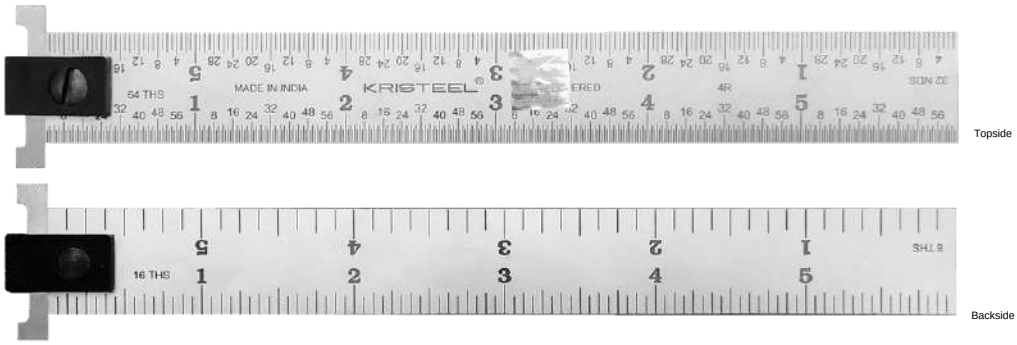
Model: CSPS-12

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



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".

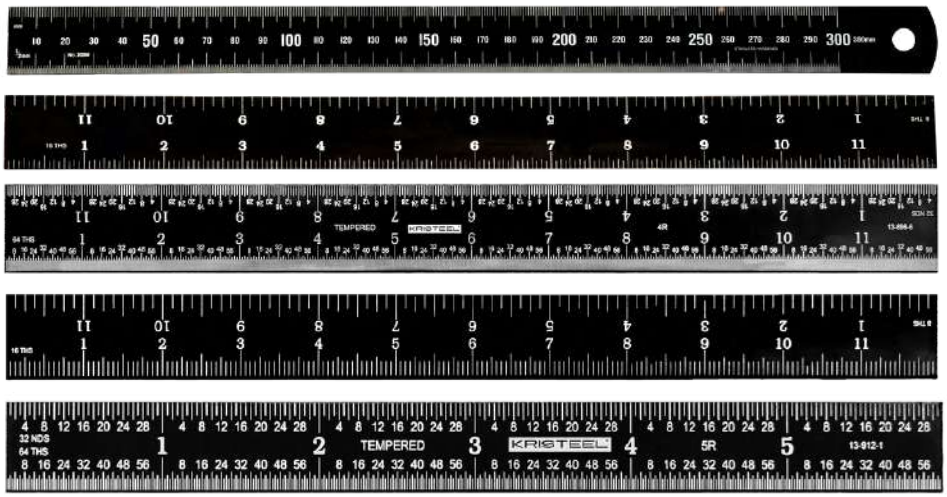
Available in sizes 150mm & 300mm

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



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

BRASS RULES

Model: BR C
BR E
BR F

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

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

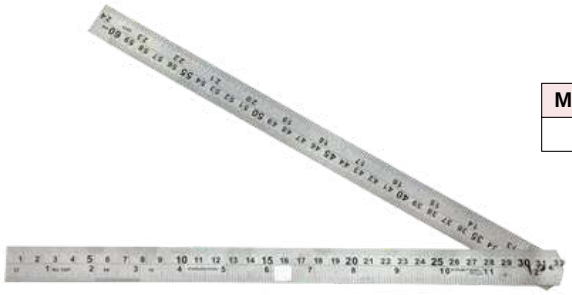
LINE OF CHORD RULE

Model: 1211

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.

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

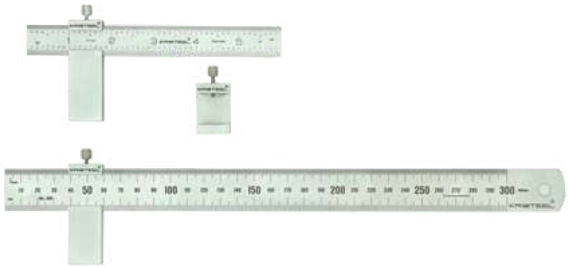


Model No.	Length (mm)	Width (mm)	Thickness (mm)	Type	Accuracy (±mm)
1211	600	19	1.0	Rigid	0.5

RULE STOPPERS

Model: RST

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 champed 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.

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

STAINLESS STEEL RULERS



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





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

STRAIGHT EDGE
STRAIGHT EDGE WITH BEVEL

Material: Tool Steel
Standard: DIN 874 -II
Finish: Satin Chrome
Rangle: 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.

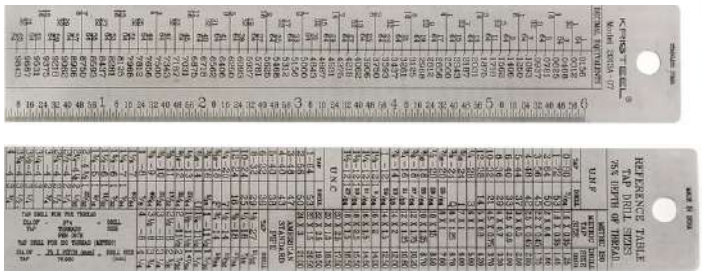
Model No.	Length (mm)	Width (mm)	Thickness (mm)	Type	Accuracy (±mm)
SE-12	304.8	37.5	8.0	Rigid	per. 0.021
SE-24	609.6	37.5	8.0	Rigid	per. 0.027
SE-36	914.4	37.5	8.0	Rigid	per. 0.033
SEB-12	304.8	37.5	8.0	Rigid	per. 0.021
SEB-24	609.6	37.5	8.0	Rigid	per. 0.027
SEB-36	914.4	37.5	8.0	Rigid	per. 0.033

STAINLESS STEEL RULERS

REFERENCE TABLE WITH RULE

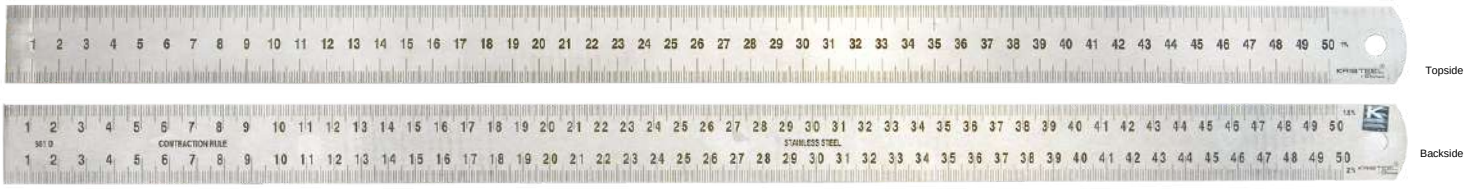
MODEL: RTR

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)

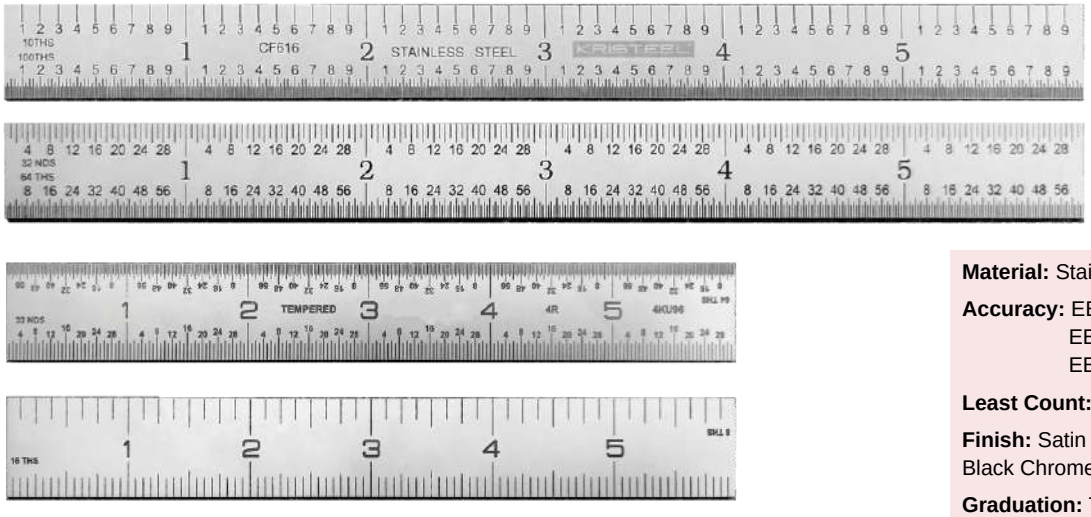
Apart from our most popular & standard Kristeel rulers, we are also manufacturing "SPECIAL PURPOSE MACHINE MOUNTING RULERS" according to your specifications, drawings or samples.

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



Material: Stainless Steel

Accuracy: EEC-I ±0.2mm
EEC-II ±0.5mm
EEC-III ±1mm

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	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
6" Rigid	**152.4 x 19.05 x 1.0**	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
12" Flexible	**304.8 x 12.7 x 0.5**	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
12" Rigid	**304.8 x 25.4 x 1.0**	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

STAINLESS STEEL RULERS

Model Type	Overall Rulers Size (mm)	Graduation Type	FRONT SIDE	REVERSE SIDE	ENDS
18" Flexible	**457.2 x 19.05 x 0.5**	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
18" Rigid	**457.2 x 28.575 x 1.0**	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
24" Flexible	**609.6 x 19.05 x 0.5**	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
24" Rigid	**609.5 x 28.575 x 1.0**	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
36" Flexible	**914.4 x 19.05 x 0.5 mm**	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
36" Rigid	**914.4 x 31.75 x 1 mm**	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

STAINLESS STEEL RULERS

Model Type	Overall Rulers Size (mm)	Graduation Type	FRONT SIDE	REVERSE SIDE	ENDS
48" Flexible	**1219.02 x 19.05 x 0.5 mm**	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
48" Rigid	**1219.02 x 31.75 x 1 mm**	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
72" Flexible	**1828.8 x 19.05 x 0.5 mm**	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
72" Rigid	**1828.8 x 31.75 x 1 mm**	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

ENGINEERING GAUGES

SINGLE PC TRY SQUARE



MODEL: SPTS

Material: Tool Steel

Finish: Polished

Standard: Grade II

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

- 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

MODEL: ESG



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"

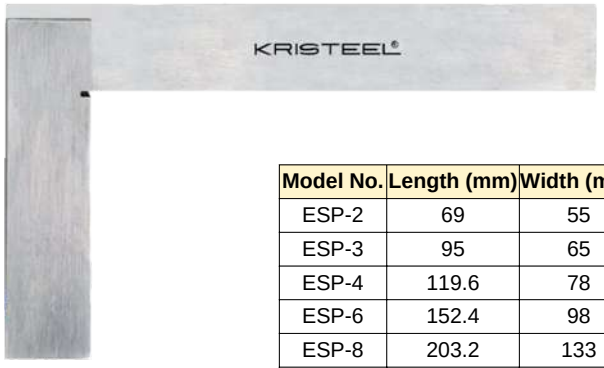
Accuracy: EEC-I (+/- 0.2mm)

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

MODEL: ESP



Material: Blade: Stainless Steel
Stock: Tool Steel

Finish: Polished

Standard: DIN875-II

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

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

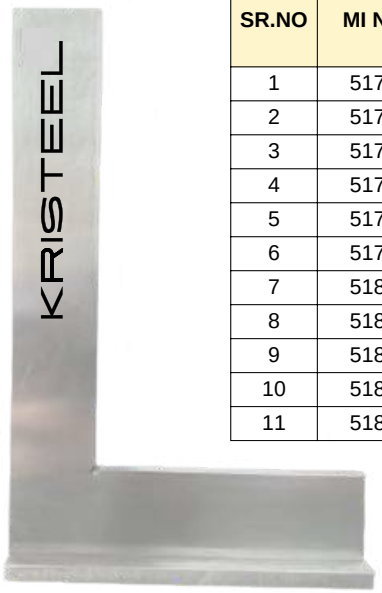
Model No.	Length (mm)	Width (mm)	Thickness (mm)	Type	Accuracy (±mm)	Range
ESP-2	69	55	Blade 1.0 & Stock-8.5	Rigid	Perpendicularity 0.025	50 mm
ESP-3	95	65	Blade 1.0 & Stock-8.5	Rigid	Perpendicularity 0.028	75 mm
ESP-4	119.6	78	Blade 1.0 & Stock-8.5	Rigid	Perpendicularity 0.03	100 mm
ESP-6	152.4	98	Blade 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

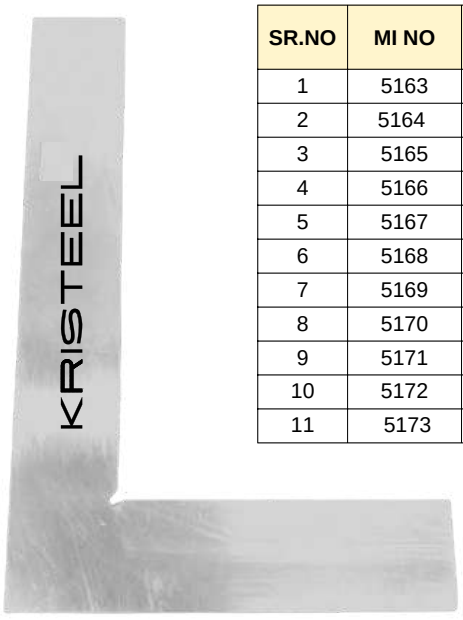


SR.NO	MI NO	SQUARE SIZE	L1	L2	WIDTH (W)	THICK (T)	ANG. TOLL. PERPENDICULARITY
1	5174	75 x 50	75	50	15	5	0.028
2	5175	100 x 70	100	70	20	5	0.030
3	5176	150 x 100	150	100	25	5	0.035
4	5177	200 x 130	200	130	30	6	0.040
5	5178	250 x 165	250	165	30	7	0.045
6	5179	300 x 175	300	175	35	7	0.050
7	5180	400 x 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.

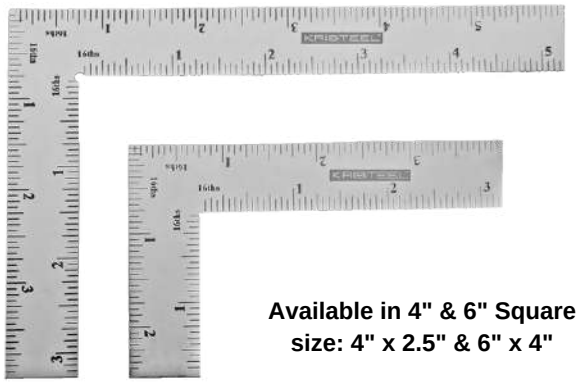


SR.NO	MI NO	SQUARE SIZE	L1	L2	WIDTH (W)	THICK (T)	ANG. TOLL. PERPENDICULARITY
1	5163	75 x 50	75	50	15	5	0.028
2	5164	100 x 70	100	70	20	5	0.030
3	5165	150 x 100	150	100	25	5	0.035
4	5166	200 x 130	200	130	30	6	0.040
5	5167	250 x 165	250	165	30	7	0.045
6	5168	300 x 175	300	175	35	7	0.050
7	5169	400 x 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"

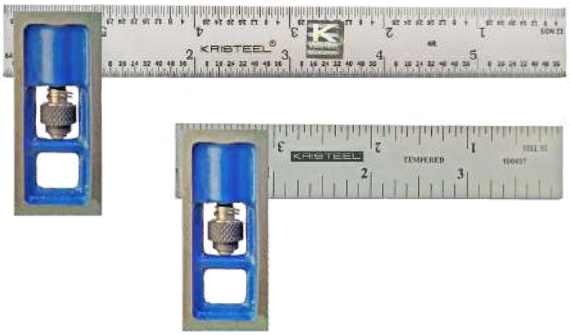
Available in 4" & 6" Square size: 4" x 2.5" & 6" x 4"

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"



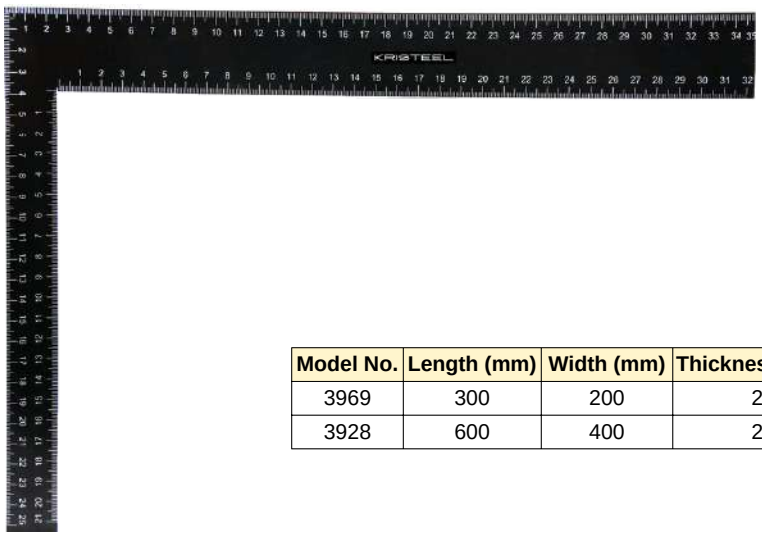
Material: Blade in Stainless Steel / Base in CI Casting.
Finish: Satin Chrome Plated / Base Painted.
Standard- EEC-I
Least Count: 1/64"
Graduations: Top side 1/32" &1/64"
Bottom side 1/8" & 1/16".
Angular- Linear- EEC-Class-1.
Squareness as per federal Std. 0.038mm.
Range: 0-4"

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

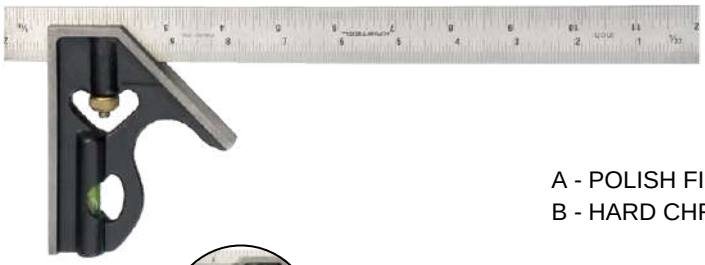
Model No.	Length (mm)	Width (mm)	Thickness (mm)	Type	Accuracy (±mm)	Range
3969	300	200	2	RIGID	1	0-12"
3928	600	400	2	RIGID	1	0-24"

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



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

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



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

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

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

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

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

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

MICROMETER - OUTSIDE

MODEL: 3947
3948
3949
4169
4170



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

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 Metric1 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.

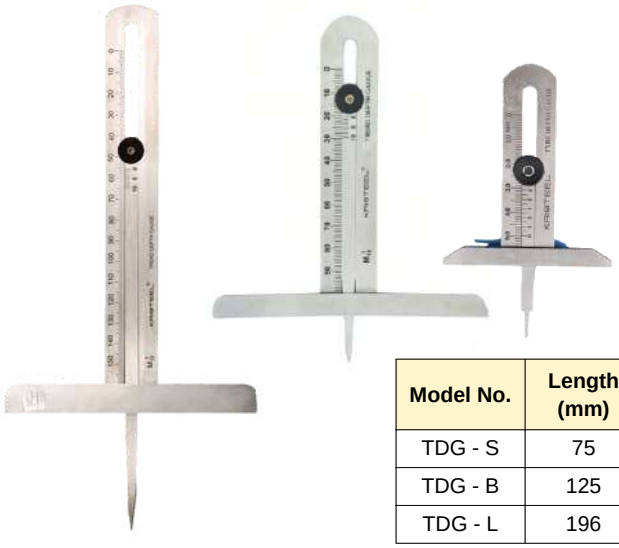
Model No.	Length (mm)	Width (mm)	Thickness (mm)	Type	Accuracy (±mm)
3459	118.5	45.2	BASE- 6.3 BEAM-3.4	RIGID	0.03
3967	97	45.2	BASE- 6.3 BEAM-3.4	RIGID	0.03
3970	260	45.2	BASE- 6.3 BEAM-3.4	RIGID	0.03

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

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

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

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

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



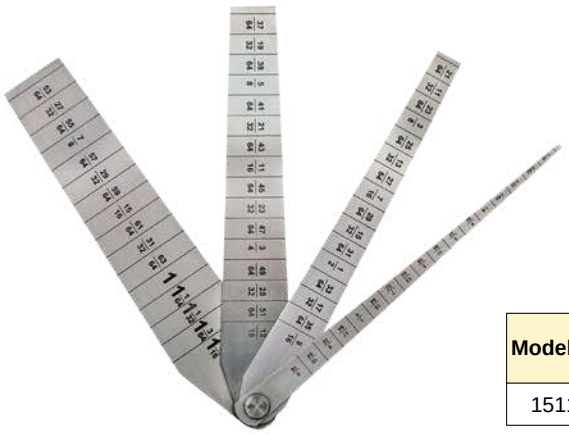


ENGINEERING GAUGES

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 1/16". The gauge is used to measure.



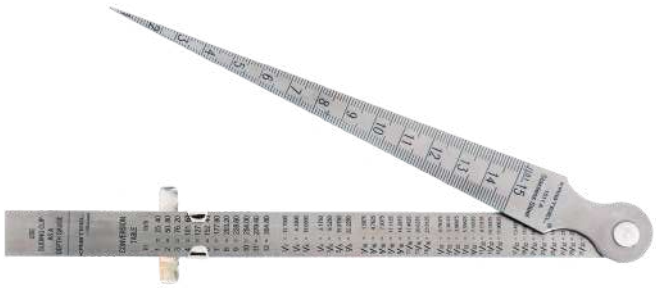
Material: Stainless Steel, Hardened & Tempered
Finish: Polished
Standard: EEC-II
Least Count: 1/64"
Graduation: 1/16" to 1-1/16"
Range: 1/16" to 1-1/16",

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 (±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 (±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

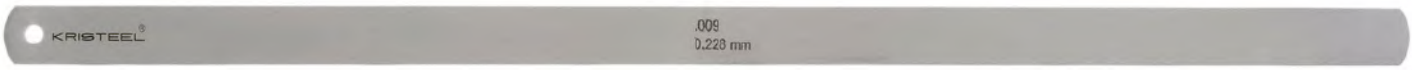
Model No.	Length (mm)	Width (mm)	Thickness (mm)	Type	Accuracy (±mm)
FG27	76.2	12.7	0.038 to 0.635	Flexible	T2

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

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

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

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.

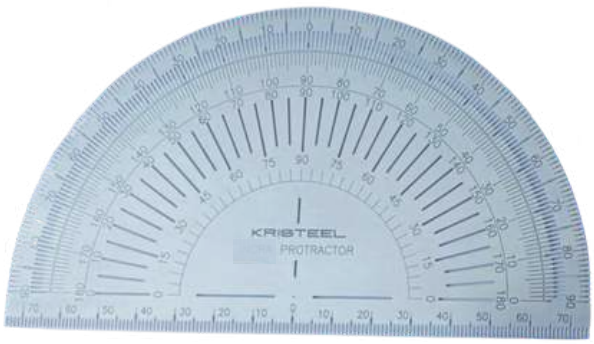
Material: Made in Tool Steel with Hardened & Tempered

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

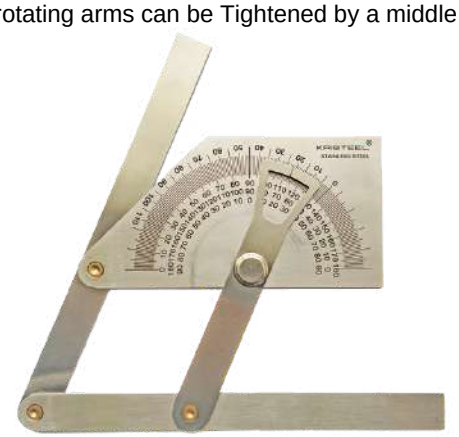
Material: Stainless Steel, Full Hard
Finish: Polished
Standard: EEC-I
Least Count: 1°
Graduation: Angular 0-180° deeply etched
Range: 0° to 180°

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°

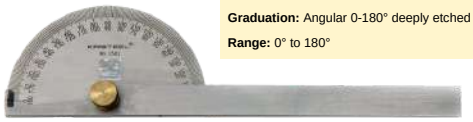
Model No.	Length (mm)	Width (mm)	Thickness (mm)	Type	Accuracy (±mm)
5070	200	52	1.2	Rigid	0.5°

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°

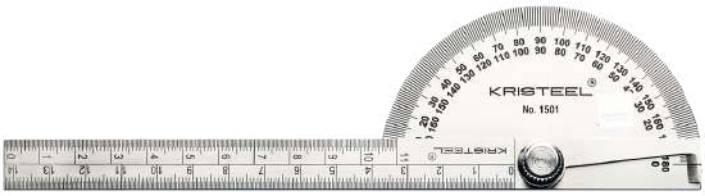
STAINLESS STEEL DEGREE PROTRACTOR (SQUARE HEAD)

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)

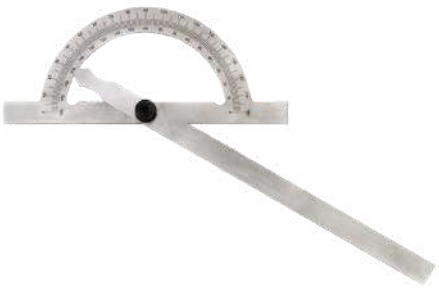
MODEL: 1502 - B



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



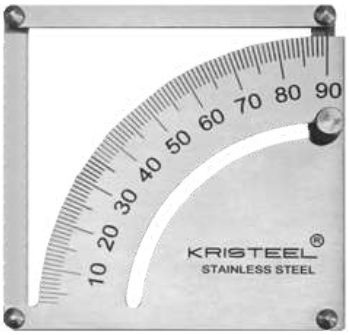
Material: Stainless Steel
Finish: Polish or Chrome
Standard: EEC-I
Least Count: 1°
Graduation: Angular 0-180° deeply etched
Range: 0° to 180°

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.

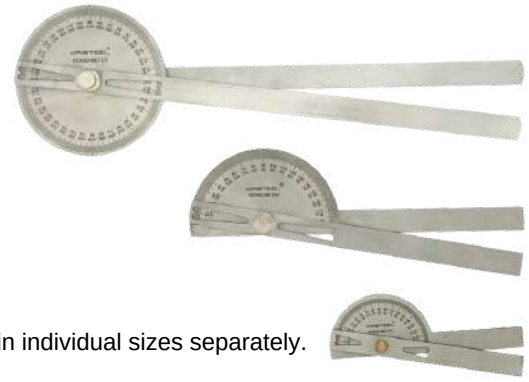
Three types of Goniometers 4.5" & 8" have a 180° protractor scale half round. 10" has a full round 360° protractor scale.

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 convertable 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

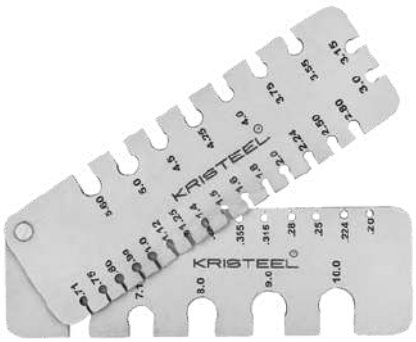
Optional Satin Chrome Plated

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 Sdie: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

MODEL: AWG

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





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 GUAGE HEAVY DUTY FERROUS / NON FERROUS

MODEL: SWF

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





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

MODEL: AG

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.



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

MODEL: AGCG

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.



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° Incrimental 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° - Incrimental 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.



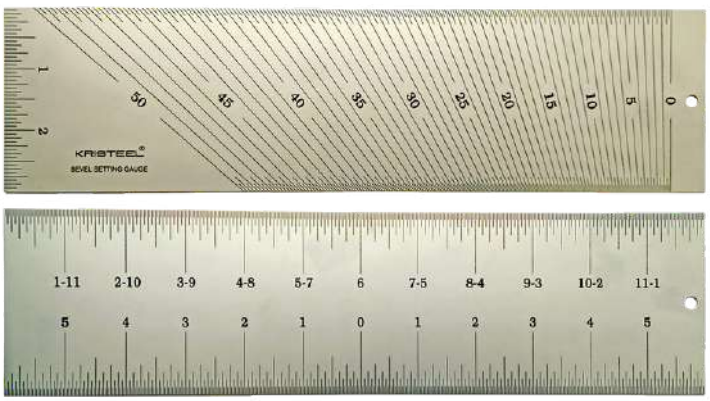
Material: Stainless Steel
Finish: Polished (Hardened)
Standard: EEC-I
Least Count: 1°
Range: +0°-30° Positive & Upto 10° Negative

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"

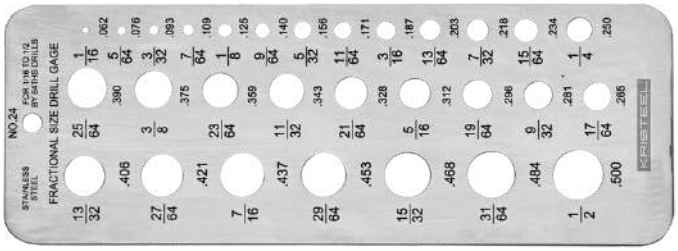
Model No.	Length (mm)	Width (mm)	Thickness (mm)	Type	Accuracy (±mm)
5060	304.8	76.2	1	RIGID	0.2mm & 0.5 DEG.

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

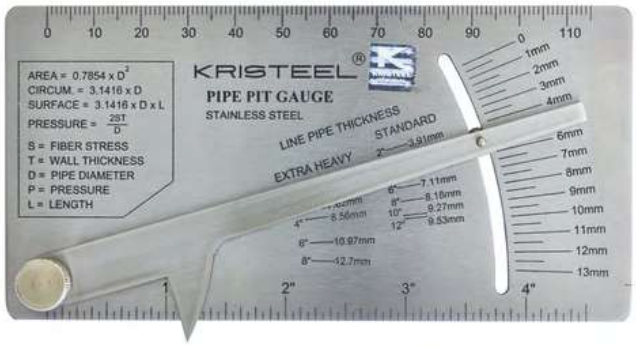
Model No.	Length (mm)	Width (mm)	Thickness (mm)	Type	Accuracy (±mm)
1510	112	55	1.2	Rigid	0.5mm & 0.5°

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

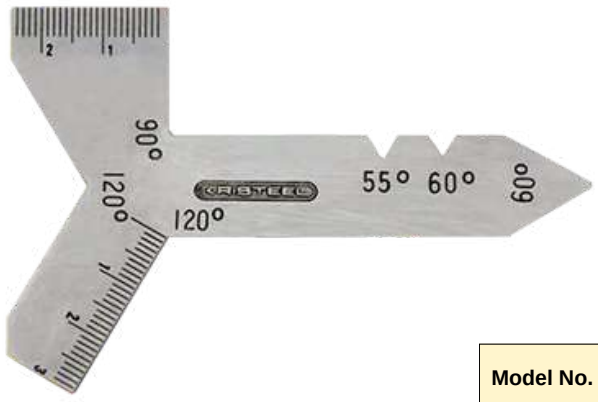
Range: 0-13mm

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
Circumference mm	60-950	940-2200	2190-3460	3450-4720	4710-5980	5970-7230	7220-8490	8490-9740
Diameter mm	20-300	300-700	700-1100	1100-1500	1500-1900	1900-2300	2300-2700	2700-3100

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

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
Circumference mm	60-950	940-2200	2190-3460	3450-4720	4710-5980	5970-7230	7220-8490	8490-9740
Diameter mm	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

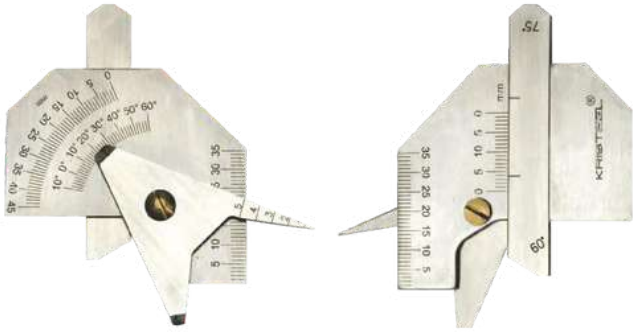
This gauge is made of stainless steel with permanent etching graduations in single parts to get better accuracy. It will check the diameter and circumference of pipes, wooden blocks, big size tanks.
This gauge is useful for pipe Manufacturers, Woodworking Industries, Heavy Fabricators, Round Tanks etc. Graduation in mm.

Model No.	Range (mm)	Length (mm)	Width (mm)	Thickness (mm)	Type	L.C.mm	Accuracy (±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 (±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, 7/16/2, 5/8, 3/4, 7/8, and 1" and their metric equivalent. Also used to determine weld size, either concave or convex. Each blade is made of 1.25" x 4" cold rolled stainless steel to resist rust and bending. The blades are deburred to remove rough edges. The set of seven blades is packed in a handy 2" x 2.5" pocket case with the user manual attached for easy reference.



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

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

- 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.

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

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

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

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

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

- 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.

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

SKEW T FILLET WELD GAUGE

MODEL: STFWG

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)
STFWG	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

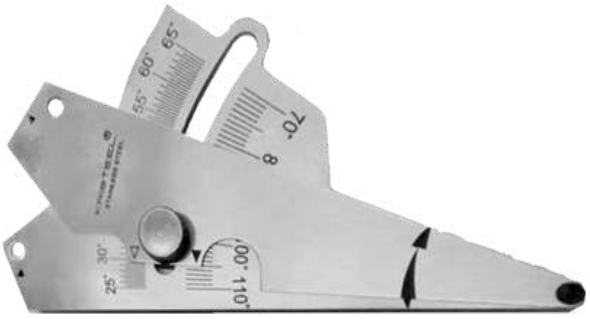
Marking weld sizes

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

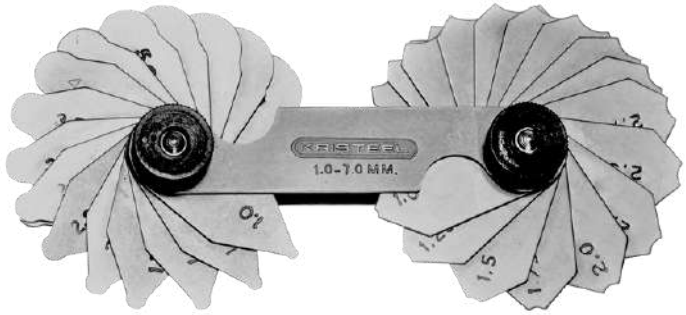
Range: 3-12mm

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

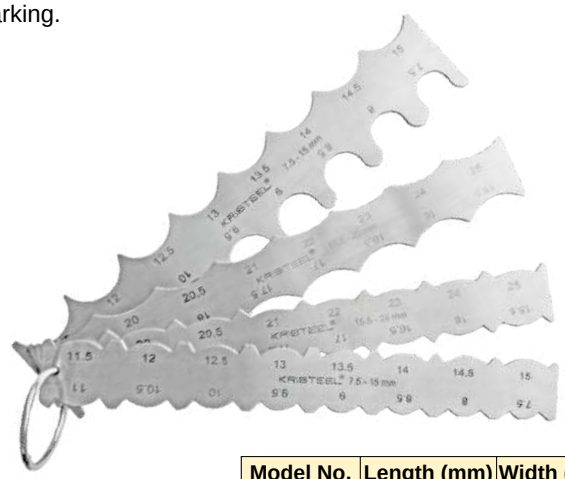
Model No.	No. of blades	Radius (mm)	Leads (mm)	Length (mm)	Width (mm)	Thickness (mm)	Type	Accuracy (±mm)
1512 A	17	1 - 7	1-3 = 0.25, 3-7 = 0.5	70	14	0.5	Flexible	0.1
1512 B	16	7.5 - 15	7.5 - 15= 0.5	84	21	0.5	Flexible	0.1
1512 C	20	15.5 - 25	15.5 - 25 = 0.5	84	21	0.5	Flexible	0.1
1512 D	32	25- 40	25-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

Model No.	Length (mm)	Width (mm)	Thickness (mm)	Type	Accuracy (±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

1. Made of Steel
2. Graduations in both British & Metric Systems.
3. 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 (±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

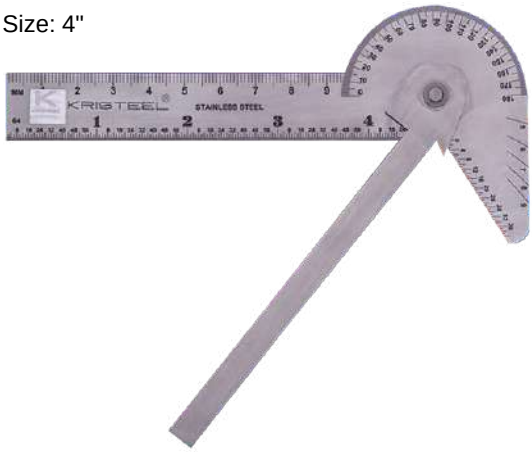
MULTI USE RULE & GAUGE

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

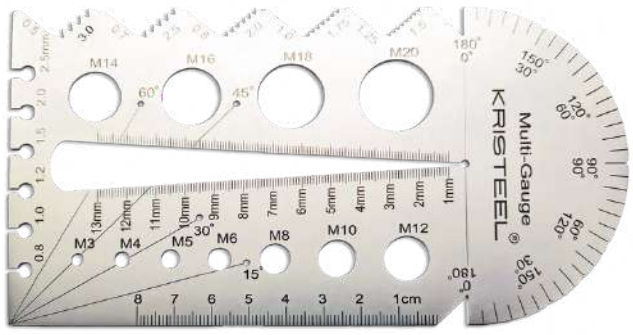
Model No.	Length (mm)	Width (mm)	Thickness (mm)	Type	Accuracy (±mm)
MURG	146.5	68.25	0.8	RIGID	0.5

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.



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

Material: Stainless Steel

Finish: Polish

Standard: EEC-II

Least Count: 1mm

Graduations: Metric 1mm

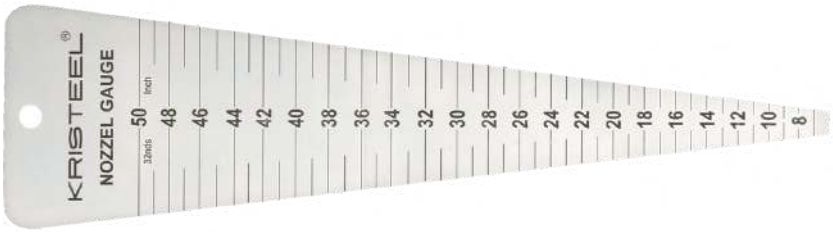
Range: 0-300 mm

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 (±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 (±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 (±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.



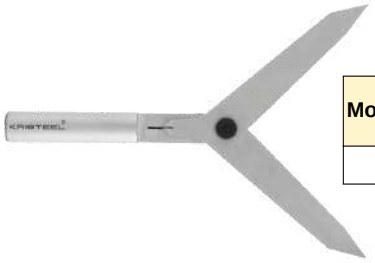
Model No.	Length (mm)	Width (mm)	Thickness (mm)	Type
3954	25	25	25	RIGID

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.



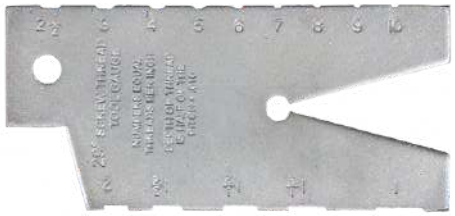
Model No.	Length (mm)	Width (mm)	Thickness (mm)	Type	Accuracy (±mm)
CFA	105	74	2	RIGID	0.2

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 Guage 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

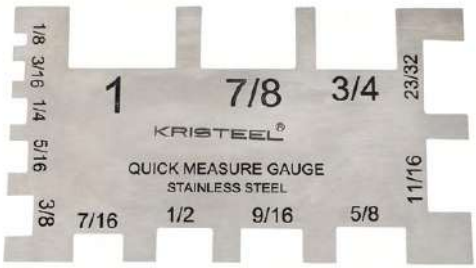
Model No.	Length (mm)	Width (mm)	Thickness (mm)	Type	Accuracy (±mm)	Leastcount
WFTG-3126,	71	53	1	RIGID	0.01	1 MIL
WFTG-B	80	69.3	1	RIGID	0.01 TO 0.02	0.0254

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

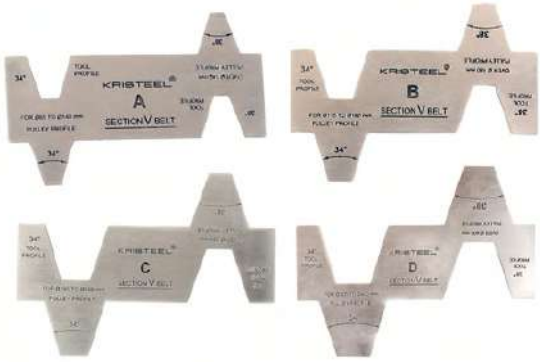
Range: 1/8" to 1"

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

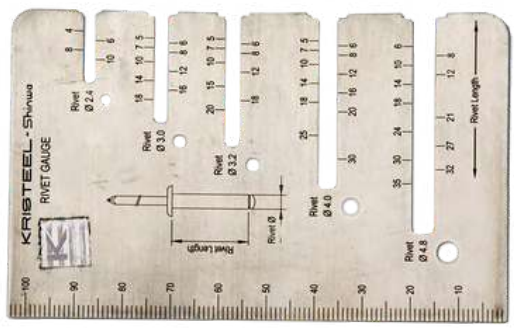
Model No.	Length (mm)	Width (mm)	Thickness (mm)	Type	Accuracy (±mm)
PG	110	88.01	0.8	RIGID	0.5

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

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



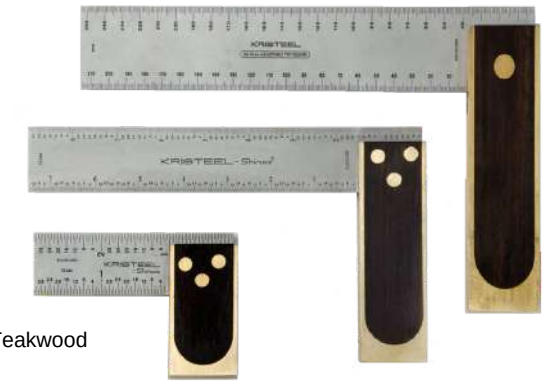
Type: Rigid
Finish: Polish
Standard: EEC-I

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"

WOOD WORKING TOOLS

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

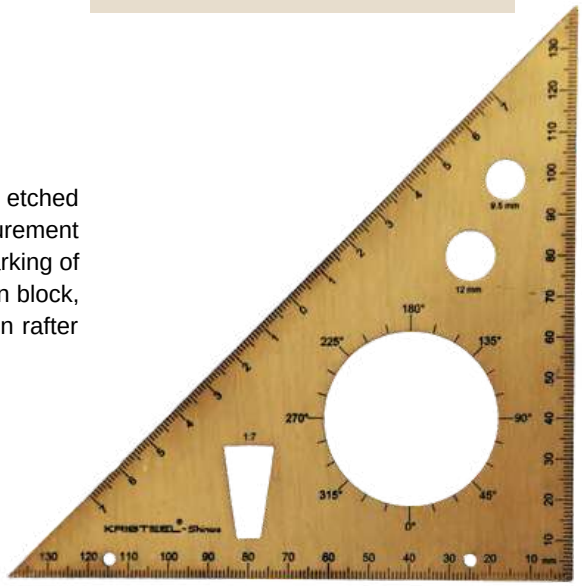
BRASS SET SQUARE

Material: Brass
Least Count: 1mm / 15°.
Accuracy: EEC-I
Finish: Polish
Graduation: Top Side: Metric 0-130 mm

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.

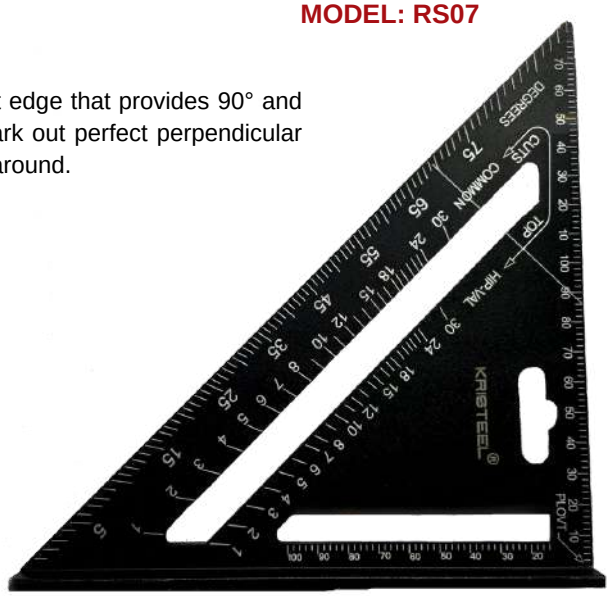


Length (mm)	Width (mm)	Thickness (mm)	Type	Accuracy (±mm)
140	140	1.5	Rigid	EEC-I

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..

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



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

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.

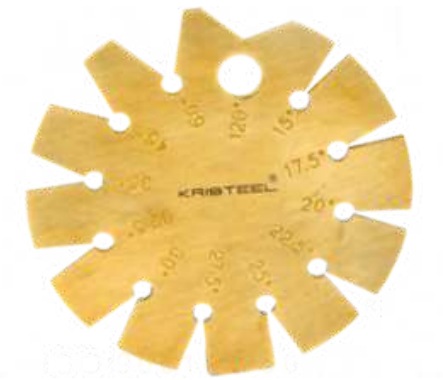


Material: Wood & Tool Steel
Accuracy: EEC-II
Finish: Polish & Lacquered
Range: 0-6"

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.

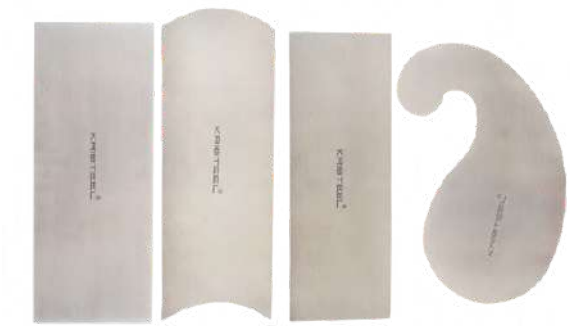


Material: Brass
Finish: Polish & Lacquered
Accuracy: EEC-II
Least Count: Min. 35mm Dia Center Find
Range: 35 to 200mm Dia Center Find

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

MARKING TOOLS

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



Pointed Tip and Knurled Handle

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

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



Pointed Tip Straight & Angled with Knurled Handle

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

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. Each divider is individually packed.

MODEL: SLSD - 150
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

MODEL: 4304
4305

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



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. Each caliper is individually packed.

MODEL: IC - 150
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



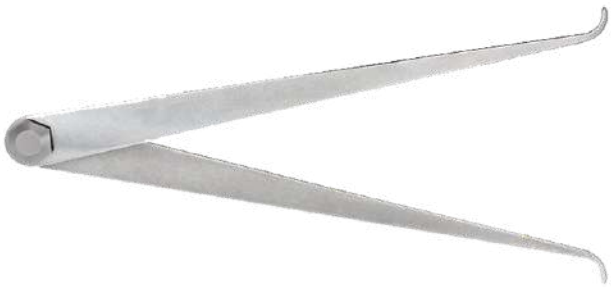
Material: Tool Steel
Finish: Polished
Standard: EEC-III
Range: 150 - 500

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

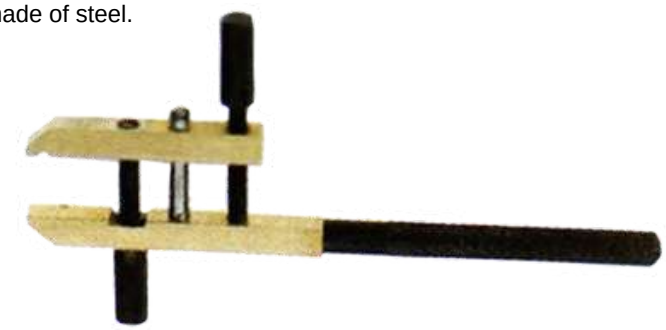
Model No.	Length (mm)	Width (mm)	Thickness (mm)
3942	160	5	5

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

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.

MODEL: HVWJ



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

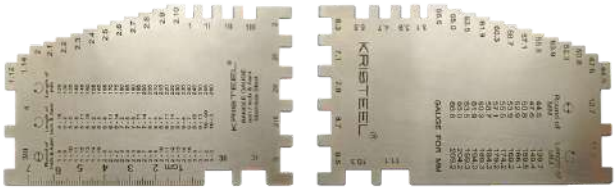
Model No.	Length (mm)	Width (mm)	Thickness (mm)	Accuracy (±mm)
3935	150	100	1	0.5

JEWELLERY TOOLS

BANGLE GAUGE

MODEL: BG

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



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

MODEL: AGSL

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.



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

MODEL: 3946

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.



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.

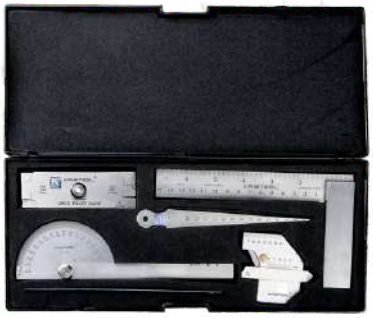
Model No.	Length (mm)	Width (mm)	Thickness (mm)
3946	160	5	5

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 Wac 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.

KRISTEEL®

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.

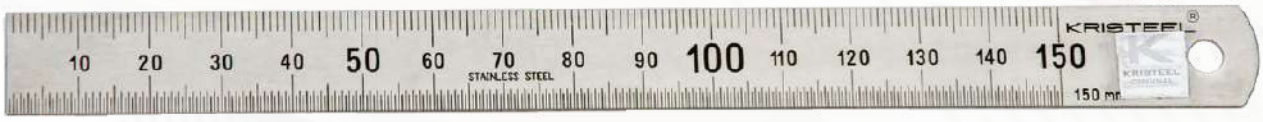
To identify an original Kristeel product, check for the following:

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** or call **+91 8879760523**

Decades of Engineering Excellence



KRISTEEL®

AN ISO 9001:2015 CERTIFIED COMPANY

★ Precision ★ Accuracy ★ Reliability

www.kristeel.com

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