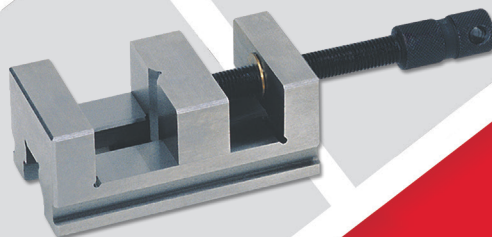
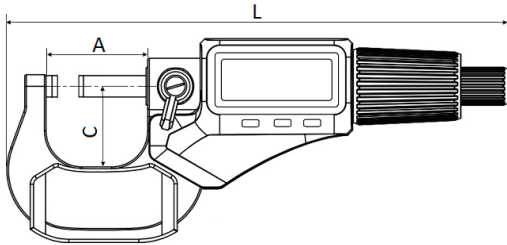


Precision Measuring Tools





IP54 Digital Outside Micrometers



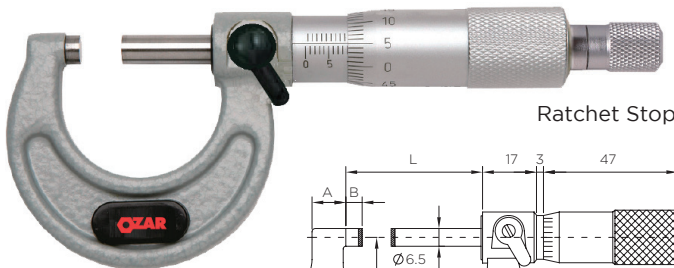
FEATURES

- Resolution: 0.001mm/.00005"
- Carbide tipped measuring faces
- Upon switch on the display will read the actual absolute measuring position
- Automatic off to maximize battery life
- Inch/Metric conversion
- Absolute or incremental measuring modes
- Grey painted steel frame

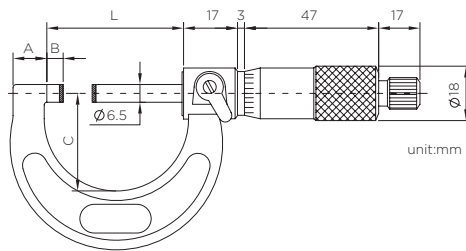


Metric			Dimensions			Price
Cat No.	Range	Accuracy	L	A	C	
AMO-9331	0-25mm	±0.002mm	32mm	156mm	22.5mm	₹3800
AMO-9332	25-50mm	±0.002mm	56.5mm	185.4mm	31mm	₹5200
AMO-9333	50-75mm	±0.003mm	81.5mm	211.9mm	44mm	₹6000
AMO-9334	75-100mm	±0.003mm	107.1mm	239.9mm	56mm	₹6685

Outside Micrometers



Ratchet Stop



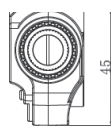
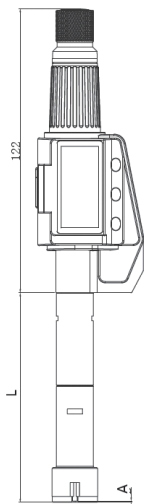
FEATURES

- Graduation: 0.01mm
- Flatness: 0.6µm
- Ratchet Stop and Ratchet Thimble are optional
- Carbide tipped measuring faces
- Grey painted steel frame

Ratchet Stop				Dimensions				Price
Cat No.	Range	Graduation	Accuracy	A	B	C	L	
AMO-9338	0-25mm	0.01mm	0.004mm	9mm	3mm	28mm	32mm	₹1950
AMO-9339	25-50mm	0.01mm	0.004mm	14mm	3mm	38mm	57mm	₹2100
AMO-9340	50-75mm	0.01mm	0.005mm	15mm	3mm	49mm	82mm	₹2400
AMO-9341	75-100mm	0.01mm	0.005mm	15mm	3mm	60mm	107mm	₹2650
AMO-9342	100-125mm	0.01mm	0.006mm	16.5mm	3mm	73mm	133mm	₹2920
AMO-9343	125-150mm	0.01mm	0.006mm	16.5mm	3mm	85mm	158mm	₹3330



Digital Three Point Internal Micrometers



unit:mm

FEATURES

- Resolution: 0.001mm/.00005"
- Ratchet stop
- Built in wireless data transmission
- Measuring contact points are designed to allow measurements near the bottom of blind holes
- Measuring surface are carbide (12mm above)
- Additional extensions can be added to increase the measuring depth
- Setting rings for origin point setting



Metric				Dimensions			Price
Cat No.	Range	Accuracy	Setting Ring	L	A	Extension Rod	
AMI-9347	6-8mm	0.004mm	8mm	55mm	1.0mm	100mm	₹26000
AMI-9348	8-10mm	0.004mm	8mm	55mm	1.5mm	100mm	₹26900
AMI-9349	10-12mm	0.004mm	12mm	55mm	1.5mm	100mm	₹26900
AMI-9350	12-16mm	0.004mm	16mm	80mm	0.5mm	150mm	₹27500
AMI-9351	16-20mm	0.004mm	16mm	80mm	0.5mm	150mm	₹27500
AMI-9352	20-25mm	0.004mm	25mm	90mm	0.5mm	150mm	₹29000
AMI-9353	25-30mm	0.004mm	25mm	90mm	0.5mm	150mm	₹29000
AMI-9354	30-40mm	0.004mm	40mm	105mm	0.5mm	150mm	₹32000
AMI-9355	40-50mm	0.004mm	40mm	105mm	0.5mm	150mm	₹32000
AMI-9356	50-63mm	0.005mm	62mm	127mm	0.5mm	150mm	₹33200
AMI-9357	62-75mm	0.005mm	62mm	127mm	0.5mm	150mm	₹35100
AMI-9358	75-88mm	0.005mm	87mm	127mm	0.5mm	150mm	₹36000
AMI-9359	87-100mm	0.005mm	87mm	127mm	0.5mm	150mm	₹38000

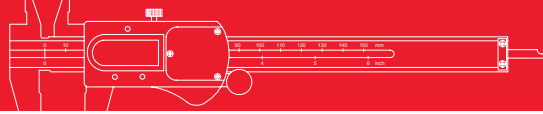
Micrometer Stands

Cat No.	Price
AMS - 9345	₹1599

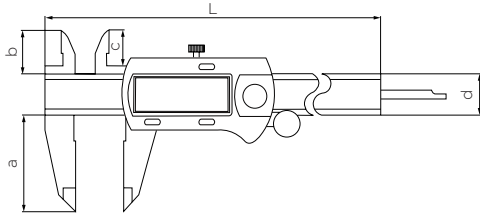
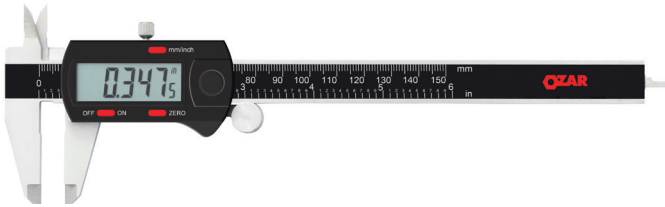


FEATURES

- These stands are designed to allow bench top use with hand micrometers
- Painted Cast-Iron Base



Digital Calipers



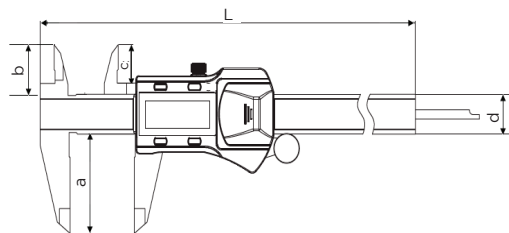
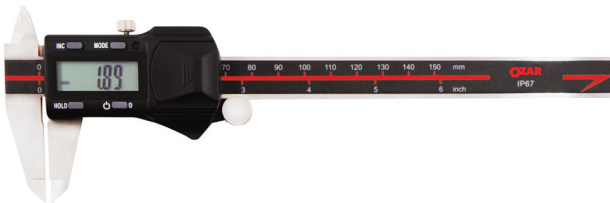
FEATURES

- Resolution: 0.01mm/.0005"
- The origin position is retained through the On/Off cycle
- Inch/Metric conversion



With Thumb Wheel	Metric		Dimensions					Price
Cat No.	Range	Accuracy	L	a	b	c	d	
ACD-9366	0-150mm	±0.02mm	236mm	40mm	21mm	16.5mm	16mm	₹2439
ACD-9367	0-200mm	±0.03mm	286mm	50mm	24mm	19.5mm	16mm	₹3600
ACD-9368	0-300mm	±0.03mm	400mm	60mm	25mm	20.5mm	16mm	₹5760

IP67 Digital Calipers

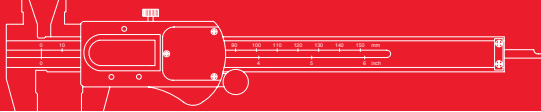


FEATURES

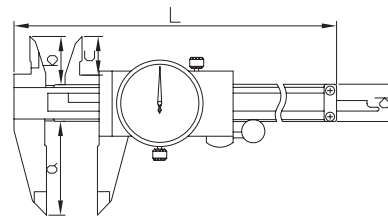
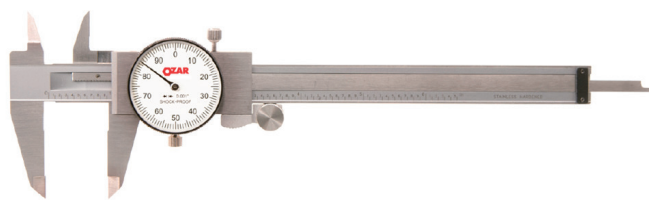
- Resolution: 0.01mm/.0005"
- Plastic housing
- Hold function for easy reading
- Inch/Metric conversion
- Auto power On/Off
- With Thumb Wheel
- Protection level IP67



Metric			Dimensions					Price
Cat No.	Range	Accuracy	L	a	b	c	d	
ACD-9361	0-150mm	±0.02mm	236mm	40mm	21mm	16.5mm	16mm	₹4900
ACD-9362	0-200mm	±0.03mm	286mm	50mm	24mm	19.5mm	16mm	₹7700
ACD-9363	0-300mm	±0.03mm	400mm	60mm	25mm	20.5mm	16mm	₹9600



Dial Calipers

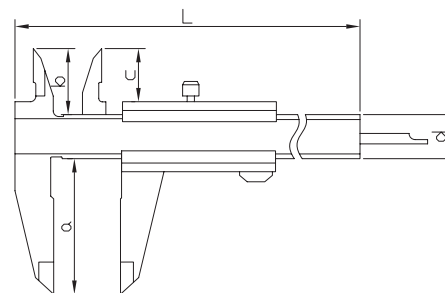
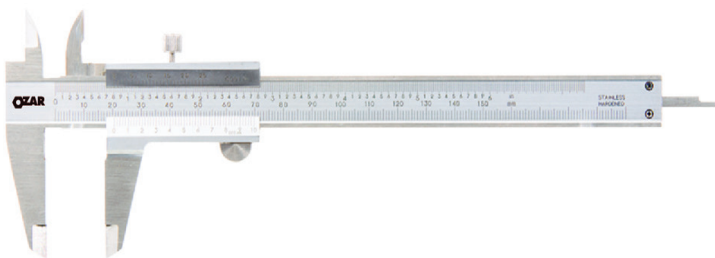


FEATURES

- Graduation: 0.02mm
- Stainless steel construction with all measuring surfaces surface-hardened
- Preloaded dual pinions eliminate backlash and provide better repeatability
- Thumb wheel included

Graduation: 0.02mm	Metric		Dimensions					Price
Cat No.	Range	Accuracy	L	a	b	c	d	
ACD-9371	0-150mm	±0.02mm	234mm	40mm	21mm	16mm	16mm	₹2800
ACD-9372	0-200mm	±0.03mm	290mm	50mm	23.5mm	16mm	16mm	₹3750
ACD-9373	0-300mm	±0.04mm	393mm	64mm	24.5mm	20mm	17mm	₹5676

Vernier Calipers



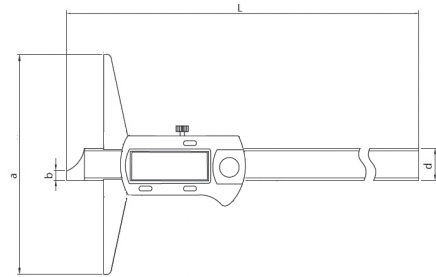
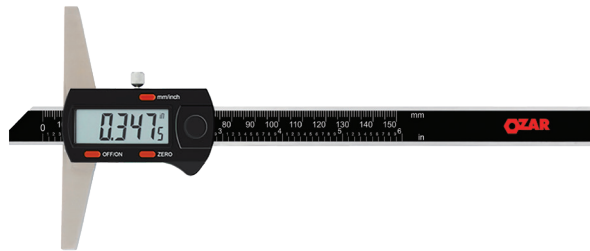
FEATURES

- Graduation: 0.02mm/.001"
- Various models available with an assortment of dual scales
- Measuring surfaces allow for the measurement of external diameters, internal diameters, depths and steps
- The upper and lower scales on the slider are angled to reduce parallax error
- Stainless steel with surface hardened measuring faces

Mono Block Models

	Range		Graduation				Dimensions					Price
Cat No.	Lower	Upper	Lower	Upper	Accuracy	Note	L	a	b	c	d	
ACV-9375	0-150mm	0-6"	0.02mm	.001"	±0.03mm	Upper Lock	235mm	40mm	21mm	16.5mm	16mm	₹2190
ACV-9376	0-200mm	0-8"	0.02mm	.001"	±0.03mm	Upper Lock	297mm	50mm	23.5mm	19mm	16mm	₹2900
ACV-9377	0-300mm	0-12"	0.02mm	.001"	±0.04mm	Upper Lock	410mm	60mm	27mm	22mm	18mm	₹4920

Digital Depth Calipers



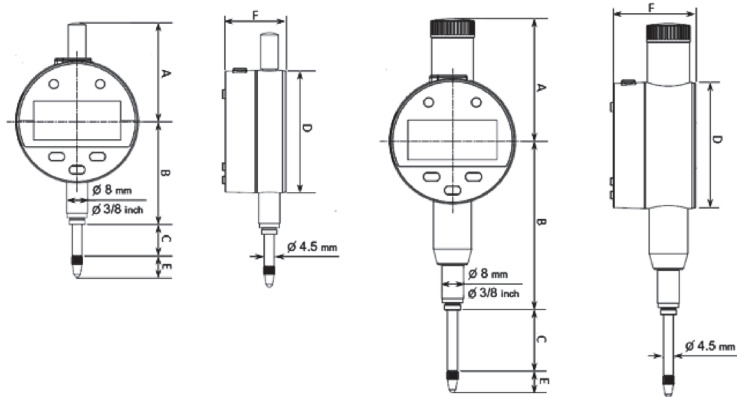
FEATURES

- Resolution: 0.01mm/.0005"
- Both of the measuring surfaces are precision ground for accuracy
- Inch/Metric conversion



Metric				Dimensions				Price
Cat No.	Range	Graduation	Accuracy	L	a	b	d	
ACD-9379	0-150mm	0.01mm	±0.03mm	235mm	100mm	6mm	14.5mm	₹3180
ACD-9380	0-200mm	0.01mm	±0.03mm	285mm	100mm	6mm	14.5mm	₹3865
ACD-9381	0-300mm	0.01mm	±0.04mm	385mm	100mm	6mm	14.5mm	₹7900

IP67 Digital Indicator



FEATURES

- Resolution: 0.001mm/.00005"
- Inductive measurement system
- Analog display
- With preset value function, the initial value can be set arbitrarily
- Tolerance measurement feature allows for the upper and lower tolerance for maximum and minimum
- ABS/INC conversion
- Inch/Metric conversion
- Automatic power off
- Protection level IP67

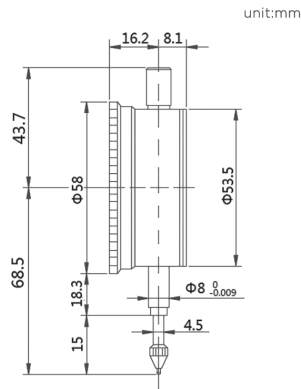


Metric					Dimensions						Price
Cat No.	Range	Accuracy	Resolution	Data Output Type	A	B	C	D	E	F	
AID-9392	0-12.7mm	0.007mm	0.001mm	SPC	45.1mm	46.8mm	13.5mm	56.0mm	8.5mm	27.8mm	₹7200



AGD2 Dial Indicators

Stem Diameter Ø8mm



FEATURES

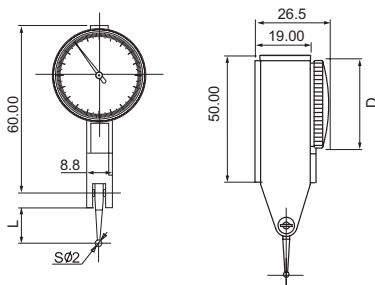
- Graduation: 0.01mm
- Easy to read dial face
- Jeweled
- Internal tolerance marker
- Flat back (attached) and lug back supplied
- With counter pointer

Metric						Price
Cat No.	Range	Graduation	Range/Rev.	Dial Reading	Accuracy	
AID-9400	0-10mm	0.01mm	1mm	0-100	0.015mm	₹2200
AID-9401	0-10mm	0.01mm	1mm	0-50-0	0.015mm	₹2800

Dial Test Indicators



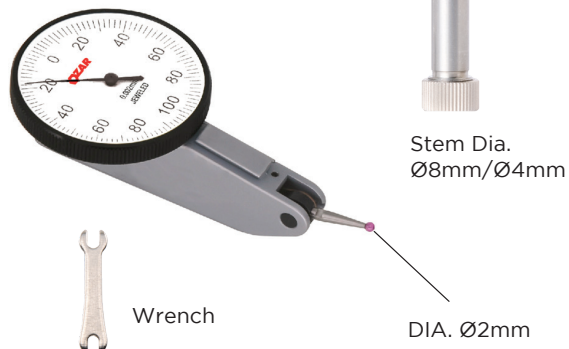
Horizontal



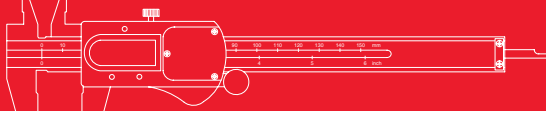
FEATURES

- Graduation: 0.002mm; 0.01mm
- Jeweled bearings
- Metric unit comes with Ø8mm dovetail stems
- Easy to read yellow face

Base Set:



Metric							Price
Cat No.	Range	Resolution	Dial Reading	Accuracy	L	Note	
D: Ø32mm							
AID-9403	0.2mm	0.002mm	0-100-0	0.004mm	12.8mm	Horizontal	₹4988
AID-9404	0.8mm	0.01mm	0-40-0	0.013mm	14.4mm	Horizontal	₹2950



Centering Indicators



FEATURES

- Graduation: 0.01mm
- Provides a simplified method of centering a work piece or fixture on horizontal for vertical machines, internal or external diameters. Face of indicator remains stationary in any desired position while the machine spindle rotates, leaving the operator with both hands free to accurately position the machine table
- Shank Dia.: Ø10mm
- Operating speed not to exceed 800 RPM
- Range:
Internal: 4 - 300mm
External: Up to 300mm

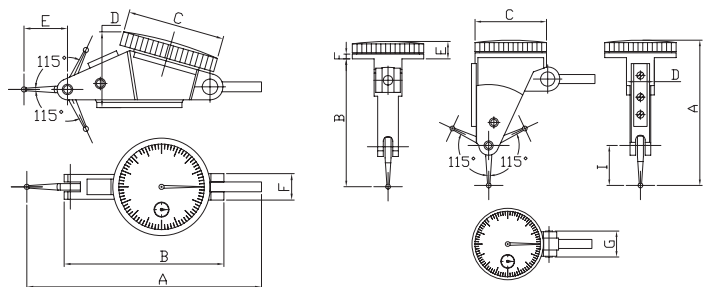
Metric Set			Price
Cat No.	Dial Range	Accuracy	
AIC-9406	0.01mm	0.005mm	₹9900

Extended Range Dial Test Indicators



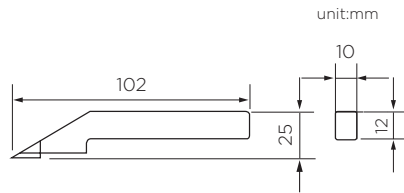
FEATURES

- Graduation: 0.01mm
- Jeweled bearing design and resistant to magnetic fields
- Stem diameter: 4mm
- Contact point swivel 210 degrees
- Horizontal and vertical models are available
- 30 and 38mm dial diameters are available



Horizontal							Dimensions						Price
Cat No.	Range	Resolution	Dial Reading	Accuracy	Note		A	B	C	D	E	F	
Ø30mm													
AID-9408	1.6mm	0.01mm	0-40-0	0.02mm	Horizontal		91mm	64mm	30mm	36mm	19.7mm	12.3mm	₹7800
Ø38mm													
AID-9409	1.6mm	0.01mm	0-40-0	0.02mm	Horizontal		91mm	64mm	38mm	36mm	19.7mm	12.3mm	₹8150

Digital Height Gauges



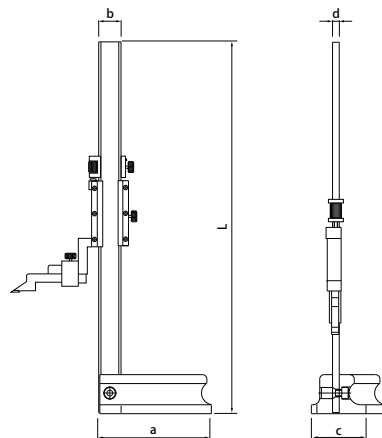
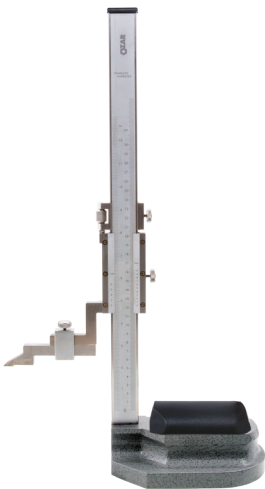
60

FEATURES

- Resolution: 0.01mm/.0005"
- Origin memory eliminates the need to zero the reading each time the height gauge is turned on
- Can be used with a test indicator and holder for precise measurement
- Inch/Metric conversion
- The fine-adjustment allows the slider to be precisely positioned
- The base is designed with a thermal heat isolation hand grip

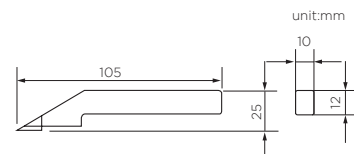
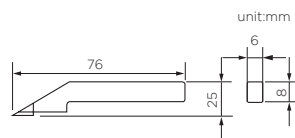
Metric			Price
Cat No.	Range	Accuracy	
AGH-9383	0-300mm	±0.04mm	₹19500
AGH-9384	0-600mm	±0.05mm	₹31500

Vernier Height Gauges



FEATURES

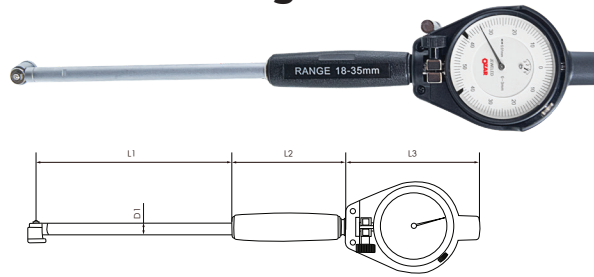
- Graduation: 0.02mm/.001"
- The fine-adjustment allows the slider to be precisely positioned
- Matte chrome finish
- Stainless steel design
- The base is designed with a thermal heat isolation hand grip



Metric				Dimensions					Price
Cat No.	Range	Graduation	Accuracy	a	b	c	d	L	
AGH-9389	0-300mm	0.02mm	±0.04mm	135mm	20mm	80mm	6mm	430mm	₹12100
AGH-9390	0-600mm	0.02mm	±0.07mm	175mm	30mm	115mm	10.5mm	820mm	₹18000



Dial Bore Gauges



FEATURES

- Graduation: 0.01mm
- Moveable probe pin with carbide ball

Metric									Dimensions				Price
Cat No.	Range	Graduation	Dial Travel	Accuracy	Number Of Anvils	Number Of Spacers	Number Of Sub-anvils	Probe Depth	L1	L2	L3	D1	
AGD-9411	18-35mm	0.01mm	3mm (AGD2)	0.020mm	9	2	-	150mm	150mm	100mm	80mm	9mm	₹5840
AGD-9412	35-50mm	0.01mm	3mm (AGD2)	0.020mm	4	4	-	150mm	150mm	100mm	80mm	12.8mm	₹5840
AGD-9413	50-160mm	0.01mm	3mm (AGD2)	0.025mm	12	4	1	150mm	150mm	100mm	80mm	12.8mm	₹6067
AGD-9414	160-250mm	0.01mm	3mm (AGD2)	0.025mm	5	5	1	400mm	400mm	100mm	80mm	14.5mm	₹9500

Rectangular Steel Gauge Block Sets



FEATURES

- Individual serial numbers on each block, regardless of grade
- A complete certificate of calibration traceable to the ISO showing the deviation of each block
- Mirror polished surfaces provide superior wringing characteristics

Metric				Price
Cat No.	Blocks Per Set	Blocks Included In Set	Grade	
AGR-9416	87	9 Blocks: 1.001-1.009mm x 0.001mm Step	0	₹61000
AGR-9417		49 Blocks: 1.01-1.49mm x 0.01mm Step	1	₹32990
AGR-9418		19 Blocks: 0.5-9.5mm x 0.5mm Step 10 Blocks: 10-100mm x 10mm Step	2	₹18100
AGR-9419	47	1 Block: 1.005mm	0	₹42000
AGR-9420		20 Block: 1.01-1.20mm x 0.01mm Step	1	₹21400
AGR-9421		7 Block: 1.3-1.9mm x 0.1mm Step 9 Block: 1-9mm x 1mm Step 10 Block: 10-100mm x 10mm Step	2	₹11320

Gauge Handle

Product Description

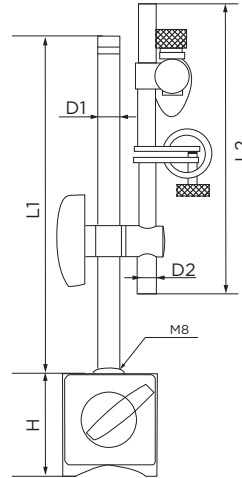
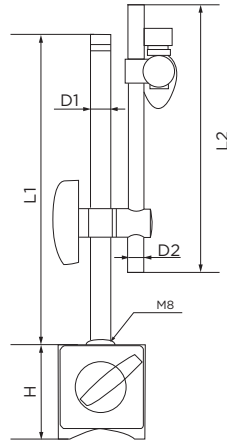
- Suitable for handling all plug gauges from 1/32" through 1/2", 0.79 to 12.7 mm
- Go and no-go clearly marked
- Made from aluminium alloy

CAT NO.	UNIT OF PACK	PRICE
AGH-0567	25	₹550





Magnetic Bases

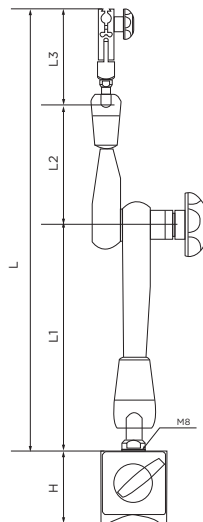


FEATURES

- Accepts test indicators with dovetail clamping mechanism
- The rotary knob switches magnet on or off
- The precision surfaces and the bottom V are securely fastened to the ferrous work piece or machine table when the rotary knob is in the on position

Metric			Dimensions						Price
Cat No.	Magnetic Power	Magnetic Base	Main Stem		Sub Pole		Dia. Of Hole	Remark	
		(L X W X H)	D1	L1	D2	L2			
AMB-9423	80 kgf	60 x 50 x 55mm	Ø12mm	176mm	Ø10mm	165mm	Ø8mm	-	₹1800
AMB-9424	80 kgf	60 x 50 x 55mm	Ø12mm	176mm	Ø10mm	150mm	Ø8mm	Fine Adjustment	₹1850

Articulating Arm Magnetic Bases



FEATURES

- Accepts test indicators with dovetail clamping mechanism
- Dial gauges can be held by the 3/8" or 8mm diameter stem or by the lug backing plate
- Arm has 3 articulating joints that can be locked with the single hand knob
- The rotary knob switches natural magnet on or off
- The precision surfaces and the bottom V are securely fastened to the ferrous work piece or machine table when the rotary knob is in the on position

Metric			Dimensions						Price
Cat No.	Magnetic Power	Magnetic Base	Arm				Dia. Of Hole	Fine Adjustment	
		(L X W X H)	L1	L2	L3	L			
AMB-9426	80 kgf	60 x 50 x 55mm	124mm	101mm	85mm	310mm	Ø3/8"/Ø8mm	With	₹3800
AMB-9427	80 kgf	60 x 50 x 55mm	170mm	130mm	85mm	385mm	Ø3/8"/Ø8mm	With	₹4950

Universal Magnetic Indicator Holder

Product Description

- Two universal ball sockets permits adjustment to any angle or position
- Dovetail clamp for test indicators
- 1/4" (6.35 mm) hole for 1/4" (6.35 mm) stem indicators
- Provided with extension rod (6.35 x 90 mm)
- Powerful magnetic force
- Available with or without fine adjustment

Cat No.	Description	Base Dia	Base Height	body height	Price
		MM	MM	MM	
AMM-0088	With Fine Adjustment	30	25	120	₹1225



Mini Magnetic Stands

Product Description

- Compact and small universal permanent magnetic stand
- High magnetic power affords maximum rigidity
- Includes disc on bottom for neutralising magnet when not in use

Cat No.	Description	BASE DIA	TOTAL HEIGHT	Price
		MM	MM	
AMM-0081	Without Fine Adjustment	28	125	₹720
AMM-0084	With Fine Adjustment	28	135	₹785



Mini Magnetic Base

Product Description

- Compact and small universal permanent magnetic stand
- Clamps indicator with 1/4" stem as well as dovetail
- Available with or without fine adjustment

Cat No.	Description	BASE DIA	TOTAL HEIGHT	Price
		MM	MM	
AMM-0083	Without Fine Adjustment	28	80	₹710
AMM-0082	With Fine Adjustment	28	135	₹785



Universal clamps

Product Description

- One clamp for Dovetail and Universal Indicators.

Cat No.	Clamping Hole		Unit of pack	Price
	Inch	mm		
ACE-30527	1/8 - 1/4	3 - 6.35	30	₹240

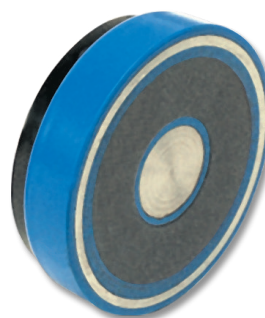


MAGNETIC Back for dial indicator

Product Description

- Permanent powerful magnet attaches to your machine
- Attaches to the back of 2" diameter AGD dial indicators

Cat No.	Diameter	Thickness	Unit of pack	Price
	MM	MM		
AMH-4974	57	12.5	20	₹325



Econo Sine Bars

Product Description

- Body and rolls made of hardened and precise ground tool steel
- Perfect tool for angular inspection and measurement
- Top parallel to bottom of rolls $\pm .0004"$
- Distance between center of rolls $\pm .0004"$

Cat No.	Model	Width	Distance Between Rollers	Unit of pack	Price
ASB-0474	11	1"	2-1/2"	25	₹1550
ASB-0475	11	1"	5"	20	₹2200

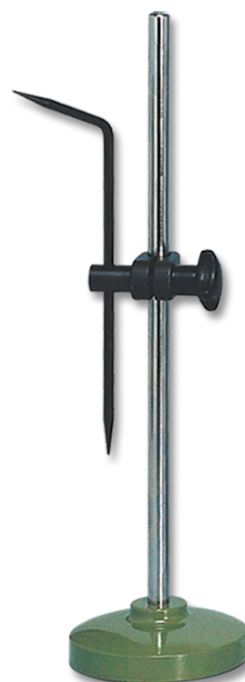


Surface Gauge - Round Base

Product Description

- Sturdy construction surface Gauge
- Consists of adjusting knob and hardened scriber
- Round base made of close grain cast iron
- Very useful for every workshop

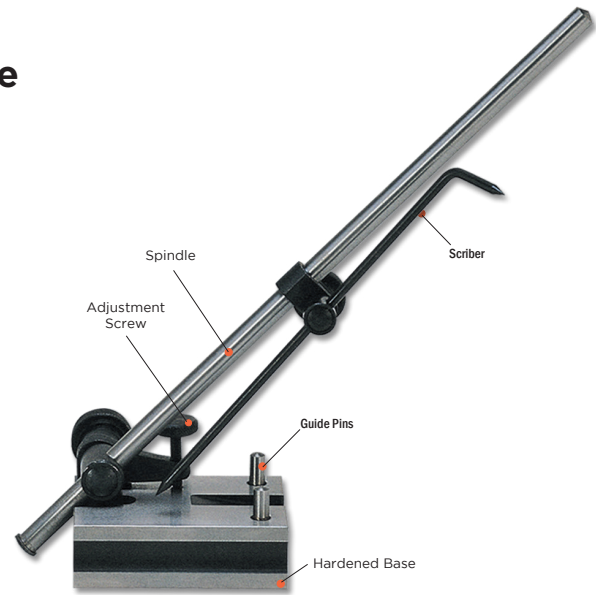
Cat No.	Height		Base Diameter	Unit of pack	Price
	Inch	mm			
ATS-0123	12	300	80	4	₹690
ATS-0427	20	500	80	1	₹880
ATS-0428	40	1000	150	1	₹2100



Surface Marking Gauge - Steel Base

Product Description

- Basic tool for machinist and toolmakers for accurately scribing lines, transferring measurements and probing during inspection work
- Polished and hardened steel base with double ended scriber
- Bottom V-grooved for cylindrical work
- Front recessed for depressing spindle below base level
- Has fine adjustment for precise angular movement
- Base has 2 retractable pins to set against edge of a surface plate
- 1/4" (6.35 mm) hole drilled on adjustment knob for positioning a dial indicator

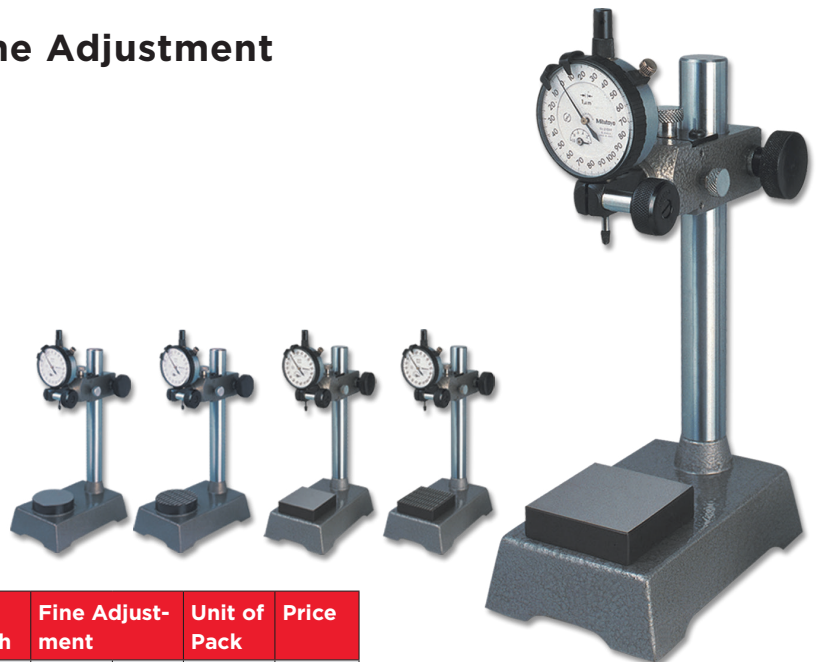


Cat No.	Base Dimension L x W x H	Length of Spindle		Diameter of Spindle	Unit of pack	Price
		Inch	MM			
ATS-0120	55 x 40 x 20	4 & 7	100 & 175	6.35	6	₹930
ATS-0121	82 x 63 x 25	9 & 12	225 & 300	9.5	4	₹1400
ATS-0122	100 x 90 x 30	12 & 18	300 & 450	9.5	4	₹2600

Dial Comparator Stand - Fine Adjustment

Product Description

- Compact and versatile comparator stand
- Rugged enamelled cast iron base
- Rust proof chrome plated pillar at right angle to the base
- Hardened and precise ground anvil
- Provided with fine adjustment knob for zero setting
- Suitable for all dial gauges including 3/8" and 5/16" dia stem
- Base dimension : 6" x 4" (150 x 100 mm)
- Pillar diameter : 1" (25.4 mm)
- Supplied without dial gauge



Cat No.	Description	Anvil Size	Throat Depth	Total Length	Fine Adjustment		Unit of Pack	Price
		MM	MM	MM	INCH	MM		
ACS-1734	Round Serrated	60	75	255	1/8	3	1	₹5800
ACS-1736	Round Flat	60	75	255	1/8	3	1	₹5800
ACS-1939	Square Flat	60	75	255	1/8	3	1	₹5800
ACS-1940	Square Serrated	60	75	255	1/8	3	1	₹5800

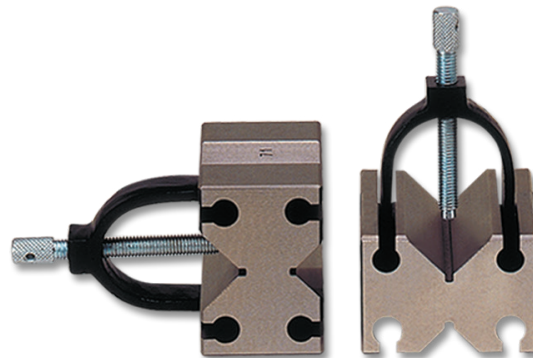
Precision V Block and Clamp Set



AVB0397-0537



AVB0541-0543



AVB0538-0539

Can be used on sides

FEATURES

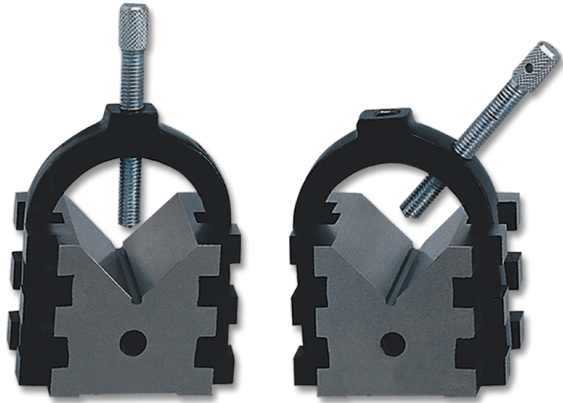
- All sides are ground square and parallel to each other
- V's are central, parallel and square and are matched in pairs
- Made of properly heat treated and hardened tool steel
- Precision made for machinist's and tool-makers use
- AVB 0538 & 39 are sturdy V-Blocks designed so that clamps do not protrude over the sides
- Supplied in pairs with two clamps
- Replacement clamps include pair of clamps and bolts

Technical Description

- Geometrical Accuracy as per BS 3731/DIN 2274 Grade 2
- Permissible height difference for matched pair within 8 microns
- Parallelism tolerance of Vee axis to base within or $(10+L/50)$ microns
- Perpendicularity tolerance of end and side faces to base within or $(10+H/25)$ microns

Cat No.	Length X Width X Height	Clamping Capacity	Unit Of Pack	Price
	MM	MM		
AVB-0397	40 x 32 x 32	25	15	₹1850
AVB-0396	50 x 38 x 38	38	12	₹2200
AVB-0399	45 x 40 x 35	35	6	₹2600
AVB-0537	70 x 45 x 40	38	4	₹3600
AVB-0538	70 x 63 x 45	38	4	₹4550
AVB-0539	125 x 88 x 70	54	1	₹14000
AVB-0541	50 x 40 x 50	35	4	₹3300
AVB-0542	75 x 55 x 55	50	2	₹4500
AVB-0543	100 x 75 x 75	70	1	₹11000

Precision V Block and Clamp Set – Adjustable Clamping



FEATURES

Product Description

- Multi-Use : holds both square and round work
- Stepped groove construction permits both low and high clamping
- Side hole-provided in each block to facilitate clamping
- Made of hardened tool steel, machined and ground in pairs
- Supplied in 'pairs' with two clamps
- Capacity : 50 mm round and 36.5 mm square

Cat No.	Length X Width X Height	Unit Of Pack	Price
	MM		
AVB-0545	60 x 70 x 50	4	₹5900

Precision V-Block and Clamp-All Angle



FEATURES

Product Description

- Ultimate V-Block for grinding, milling or drilling work
- Made of hardened and precision ground tool steel
- The sides are parallel and vee is central and ground
- Central hole is provided for drilling or removing pins
- Clamp is smaller than outside width of the V-Block and has adjustable side screw for support
- V-Block has four 3/8-16 tapped holes two in the base and one on each side for angle
- Iron clamping
- Block is provided with black oxidized clamp

Technical Description

- Parallelism tolerance of Vee Axis to base within /8 microns

Cat No.	Length X Width X Height	HOLDING Capacity	Unit Of Pack	Price
	MM	MM		
AVB-0544	92 x 48 x 48	33	6	₹3900

Casted V-Blocks



FEATURES

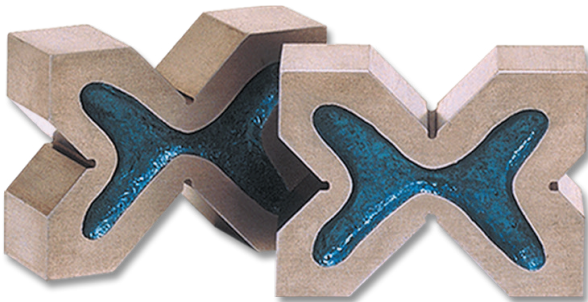
- Made of high quality seasoned castings
- Blocks are accurately ground square and parallel
- Supplied in matched and numbered pairs

Technical Description

- Parallelism tolerance of Vee Axis to base per 6" length within 30 microns
- Squareness tolerance of Vee Axis to end faces within 25 microns

Cat No.	Length	Height	Thickness of Each Block	Width of Vee	Unit of pack	Price
	MM	MM	MM	MM		
AVB-0627	50	32	25	25	15	₹1150
AVB-0643	75	60	32	44	6	₹1390
AVB-0644	100	65	41	50	5	₹1800
AVB-0645	125	80	50	50	1	₹2600
AVB-0646	150	90	63	82	1	₹3400
AVB-0647	180	115	75	90	1	₹5200
AVB-0648	205	140	100	100	1	₹8400
AVB-0649	255	168	125	125	1	₹18000
AVB-0653	305	205	180	165	1	₹26900

Quadruple V-Blocks



FEATURES

- Made from seasoned closed grained cast iron
- Universal V-Block consisting of four different size grooves
- Supplied in pairs

Technical Description

- Parallelism tolerance of Vee Axis to base per 6" length within 30 microns
- Squareness tolerance of Vee Axis to end faces within 25 microns

Cat No.	Length	Height	Thickness	Width of Vee	Unit of pack	Price
	MM	MM	MM	MM		
AVB-2930	95	70	35	20x30x40x50	4	₹1900
AVB-2931	100	100	30	20x30x40x50	4	₹2600
AVB-2932	120	120	35	30x40x50x60	2	₹3300
AVB-2933	120	120	60	30x40x50x60	2	₹6200
AVB-2934	150	150	75	40x50x60x70	1	₹8800
AVB-2935	200	200	100	60x70x80x100	1	₹12900

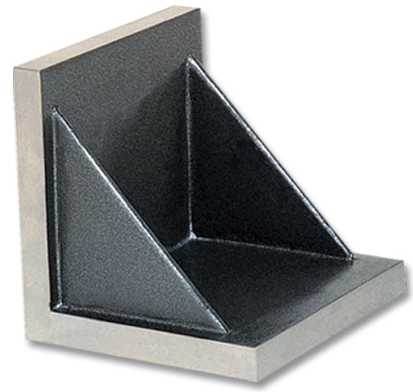
Solid Angle Plates

Product Description

- Made from high quality casting
- Castings are properly seasoned to avoid distortion
- Precision ground sides and ends

Technical Description

- Mutual squareness of working faces as measured over height as per BS5535 grade B



CAT NO. FOR GROUND FINISH	No. of Ribs	SIZE		Squareness	Unit of pack	Price
		Inch	mm			
AAP-0692	0	1x1x1	25 x 25 x 25	25 microns	20	₹220
AAP-0684	1	2 x 2 x 2	50 x 50 x 50	25 microns	12	₹440
AAP-0685	1	3 x 3 x 3	75 x 75 x 75	38 microns	4	₹740
AAP-0686	1	4 x 4 x 4	100 x 100 x 100	38 microns	2	₹1290
AAP-0687	1	5 x 5 x 5	125 x 125 x 125	38 microns	1	₹1950
AAP-0688	1	6 x 6 x 6	150 x 150 x 150	38 microns	1	₹2500
AAP-0689	2	8 x 8 x 8	200 x 200 x 200	50 microns	1	₹5800
AAP-0690	2	10 x 10 x 10	250 x 250 x 250	50 microns	1	₹9800
AAP-0691	2	12 x 12 x 12	300 x 300 x 300	75 microns	1	₹16600

Slotted Angle Plates

Product Description

- Made of high quality seasoned castings
- Accurately machined 90° square
- Available both in open end and webbed end styles

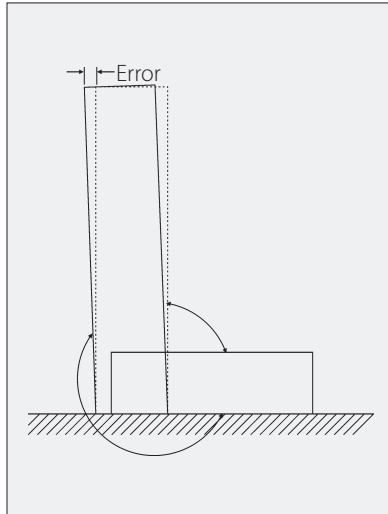
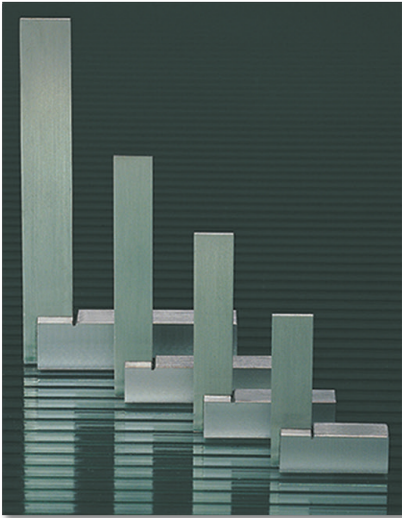
Technical Description

- Mutual squareness of working faces as measured over height .0016"/40micron upto 5"
- .002"/50 micron above 5" over height as per BS5535 grade B



Cat No.	Cat No.	LENGTH		First Angle		Second Angle		Unit of pack	Price Webbed End	Price Open End
		Inch	MM	Inch	MM	Inch	MM			
Webbed End	Open End									
AAP-0741	-	3	75	2-1/2	63	2	50	8	₹900	
AAP-0742	-	3-1/2	90	3	75	2-1/2	63	6	₹1100	
AAP-0743	AAP-0763	4-1/2	115	3-1/2	90	3	75	4	₹1390	₹1350
AAP-0744	AAP-0764	6	150	5	125	4-1/2	115	1	₹1950	₹1950
AAP-0745	AAP-0765	7	175	5-1/2	140	4-1/2	115	1	₹2800	₹3400
AAP-0746	AAP-0766	8	200	6	150	5	125	1	₹3900	₹4200
AAP-0747	AAP-0767	9	225	7	175	6	150	1	₹5500	₹5900
AAP-0748	AAP-0768	10	250	8	200	6	150	1	₹7900	₹8200
AAP-0749	AAP-0769	12	300	9	225	8	200	1	₹11000	₹1250

Precision Steel Squares



FEATURES

- Made of finest quality ground steel with heavy thick stock
- Blade is hardened and ground for straightness and parallelism
- Squares are accurate both inside and outside
- Effective blade length measured from inner edge of the beam to end of the blade

Squareness to DIN 875

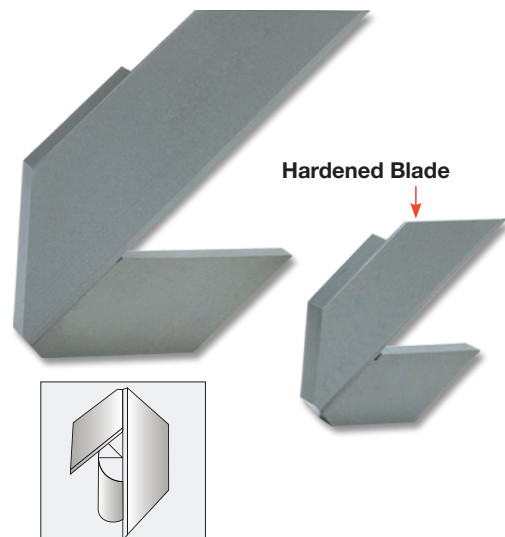
Cat No.	Effective Blade Length		Stock Length		Squareness of Blade to Working Faces	Unit of Pack	Price
	INCH	MM	INCH	MM			
ASS-5550	2	50	2	50	16 microns	40	₹295
ASS-5551	3	75	2-3/8	60	16 microns	25	₹295
ASS-5552	4	100	3	75	16 microns	10	₹390
ASS-5553	6	150	4	100	16 microns	10	₹480
ZSS-0160	8	200	5.0	127	38 microns	6	₹440
ZSS-0161	9	225	6.0	150	38 microns	6	₹840
ZSS-0162	10	250	6.0	150	50 microns	6	₹890
ZSS-0163	12	300	8.0	200	50 microns	6	₹1400
ZSS-0164	18	450	10.0	254	96 microns	1	₹6250
ZSS-0165	24	600	13.0	330	96 microns	1	₹11500
ZSS-0209	36	915	17.5	445	115 microns	1	₹32500
ASS-5536	3 PC Square Set consisting of lengths 2" (50 mm), 4" (100 mm) and 6" (150 mm) in wooden box					4	₹1800

Center Square

Product Description

- Made from ground tool steel
- Hardened and tempered blade
- Useful square for rapid location of round bar or disc center
- To execute place the round bar between the center square. Scribe different lines on the workpiece each time changing its position. Center of the scribed lines will give the accurate center of the work piece

CAT NO.	WORK DIAMETER		UNIT OF PACK	Price
	INCH	MM		
ACS-2256	1-1/2	38	40	₹490
ACS-2257	3	75	12	₹950



Precision Screwless Vice

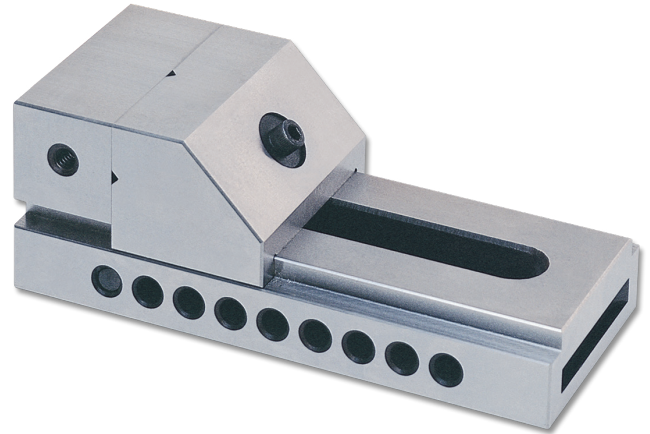
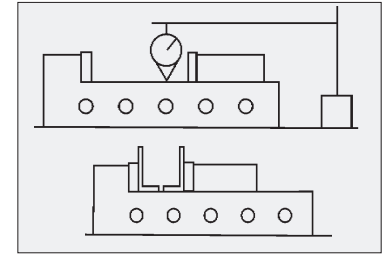
Product Description

- Hardened and precision ground steel vice
- Positive download and rapid positioning notches for free jaw movement
- Threaded hole on both sides of stationary jaw
- Horizontal and vertical V in moveable jaw

Technical Description

- Parallelism of Vice bed to Vice base within 8 microns
- Squareness of Vice jaws to Vice bed within 12 microns

Cat No.	Jaw Width	Jaw Depth	Jaw Opening	Total length	Price
	MM	MM	MM	MM	
AVP-0375	25	19	47	100	₹5200
AVP-0382	38	19	85	145	₹6400
AVP-0467	50	30	80	150	₹7200
AVP-0468*	75	35	95	175	₹8600

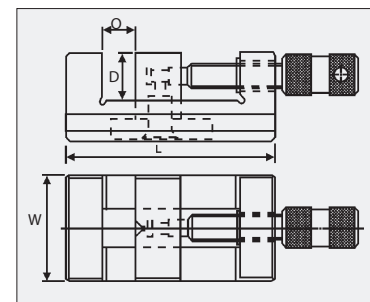
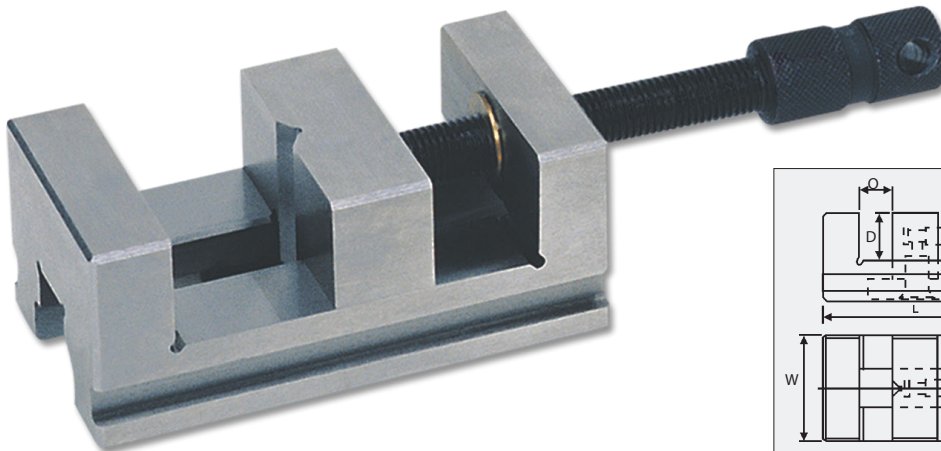


Toolmakers Precision Steel Vice

Product Description

- Made from hardened alloy steel
- Single piece construction with V-grooved jaws
- All surface including jaws and base are precise ground square and parallel
- Clamping slots at the bottom easily affix to angle plates, etc.

CAT NO.	JAW WIDTH W	JAW DEPTH D	JAW OPENING O	BODY LENGTH L	PRICE
	MM	MM	MM	MM	
AVP-0459	25	12.7	40	74	₹2950
AVP-0469	60	25	54	110	₹4400
AVP-0507	75	40	75	200	₹9900

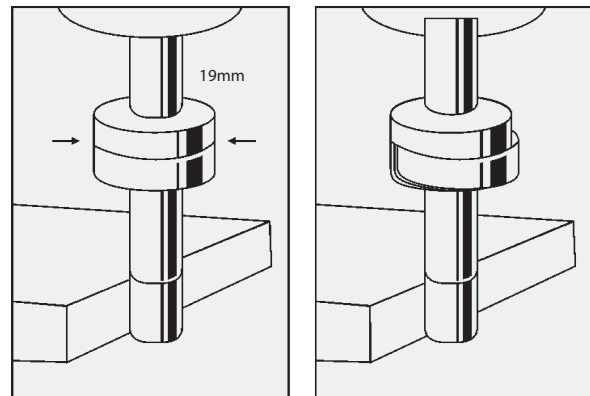


Combo Edge Finder

Product Description

- Hardened and grounded on all surfaces.
- Accurately locates the starting point for all types of machine work and jig boring.

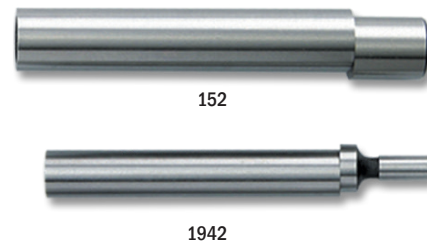
CAT NO.	SHANK	TIP	DESCRIPTION	UNIT OF PACK	PRICE
	DIAMETER	DIAMETER			
AEF-5544	10 mm	10 mm	Edge Finder Double End	25	₹350
AEF-5545	10 mm	4 mm	Edge Finder Double End	25	₹380



Edge and Center Finders

Product Description

- Hardened and centerless ground to precision tolerance
- Locate working edges like shoulders, centering points and scribed lines easily & accurately
- Time saving positioning tool for jig borers and other machines

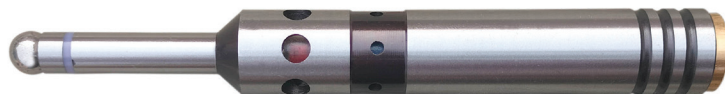


Cat No.	Shank	Tip	Description	Price
	Diameter	Diameter		
AEF-0152	10 mm	10 mm	Plain Edge Finder Single End	₹250
AEF-1942	12 mm	5 mm	Edge Finder Single End	₹250
AEF-5539	10 mm	10 mm and 5 mm	Edge Finder Double End	₹290

Edge Finder Optical

Product Description

- Precision Machined for Accuracy
- Battery Included



CAT NO.	DESCRIPTION	PRICE
AEF-5631	Edge Finder Optical	₹2800

Screw Pitch Gauge

Product Description

- Very handy Gauge to quickly determine the pitch of various threads
- Made of high quality polished tool steel
- Features a locking device at both ends to securely lock the leaves
- All leaves clearly marked with size



Cat No.	TPI Range	No. of Leaves	Thread Type	Unit of pack	Price
AGS-1115	0.25 to 2.5 mm	28	International Metric Standard 60°	50	₹195
AGS-1119	0.25 to 6.0 mm	23	International Metric Standard 60°	50	₹180
AGS-1118	4 to 62 & 0.25 to 6.0 mm	28 + 24 = 52	Combination of whitworth Standard 55° and Metric Standard 60°	40	₹290
AGS-1120	4 - 62 G	28	Whitworth Standard 55°	50	₹180
AAA-0997	4 - 62 G & 8 - 28 & 0.25 - 6	58	Combination of whitworth Standard 55° and B.S.P and Metric Standard 60°		₹395
AGS-1114	4-42	31	American National UNC/UNF - 60°	50	₹180
AGS-1116	4-42 & 0.25 to 6.0 mm	31 + 24 = 55	Combination of American National 60° and Metric 60° threads.	40	₹360

Radius Gauge

Product Description

- Handy device for checking radius of tools and dies easier and faster
- Gauge features leaves for measuring both concave and convex radius
- Each leaf is clearly stamped with the radius size
- AGR-2253 features blades locked with 2 screw (not illustrated)



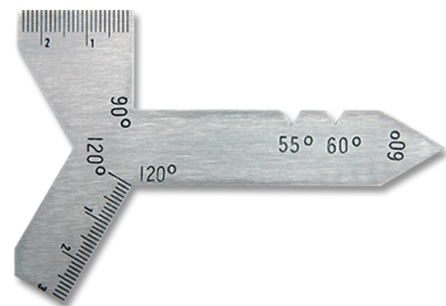
Cat No.	Range	No. of Leaves	Unit of pack	Price	Cat No.	Range	No. of Leaves	Unit of pack	Price
LOCKING TYPE					RING TYPE				
AGR-1109	1/32 to 1/4 by 1/64"	30	40	₹350	AGR-2248	1/32 to 17/64 by 1/64"	16	20	₹280
AGR-1110	17/64 to 1/2 by 1/64"	32	30	₹395	AGR-2249	9/32 to 33/64 by 1/64"	16	20	₹390
AGR-2258	1 to 7 mm	34	40	₹285	AGR-2250	0.75 to 5 by 0.25 mm	18	20	₹275
AGR-2259	7.5 to 15 mm	32	30	₹320	AGR-2251	5.5 to 13 by 0.5 mm	16	20	₹390
AGR-2260	15.5 to 25 mm	30	30	₹320	Stainless Steel				
AGR-2252	0.75 to 5 by 0.25 mm	18	40	₹290	AGR-6058	1 to 7 mm	34	40	₹390
AGR-2253	5.5 to 13 by 0.5 mm	16	40	₹395	AGR-6059	7.5 to 15 mm	32	30	₹490
					AGR-6060	15.5 to 25 mm	30	30	₹490

Universal Grinding Gauge

Product Description

- Made of polished stainless steel
- Clearly etched graduations
- Combines twist drill grinding Gauge, thread Gauge
- Measures square and hexagonal angles of 120°, 118°, 90°, 60°, 55°

Cat No.	Overall Length MM	Unit of pack	Price
AGG-2377	95	50	₹85



Twist Drill Grinding Gauge

Product Description

- For twist drills with acute angle of 118° upto 2" (50 mm) diameter

Cat No.	Overall Length MM	Unit of pack	Price
AGG-2376	114	30	₹85



Wire Gauge - Round

Product Description

- Popular Gauge for gaging iron wire, hot and cold rolled sheet steel
- Made from polished stainless steel
- Gauge have a convenient decimal equivalents of each number
- Clear permanently etched graduations in English standard

Cat No.	Description	Standard	Unit of pack	Price
AGW-1987	Round	English	25	₹195



Feeler or Thickness Gauge

Product Description

- Each Gauge comprising of set plished steel Blades with a steel case
- Thickness clearly marked on each Blade
- Tapered Blade with Length of 100mm
- Used to check Beaing Balance in Automobile Industry flatness of Jigs and Fixtures, Adjusting Spark Plugs,tappets etc.

CAT NO.	No. of leaves	Leaf Thickness range in mm	Price
ZGT-5525	8	0.05-0.5	₹180
ZGT-5526	13	0.05-1.0	₹210
ZGT-5527	20	0.05-1.0	₹310
ZGT5747	26	0.03-1.0	₹350

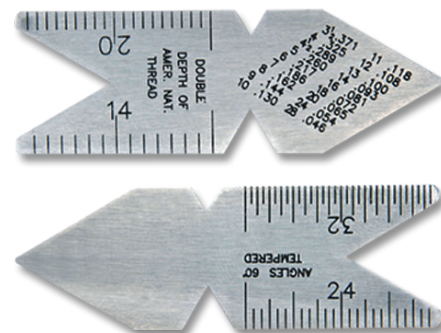


Center Gauge

Product Description

- Very handy gauge used in grinding and setting screw cutting tools
- Made of tempered stainless steel
- Gauge also features a table of double depth of thread for determining size of tap drills

Cat No.	Description	Unit of pack	Price
AGC-0363	Whitworth or English Standard 55°	200	₹85

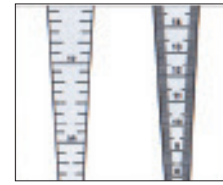


BORE GAUGE - Inch/mm

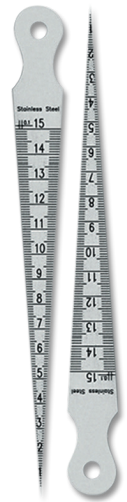
Product Description

- Handy Gauge for measuring cylindrical bores, bearing work and for gaging slots
- Made from polished stainless steel
- Clearly etched graduations for inch on one side and mm on the other one

Cat No.	Range	Range	Unit of pack	Price
	mm	Inch		
AGB-0359	1 to 16	1/32 - 5/8	75	₹135
AGB-7425	15 to 30	5/8-1 3/16	75	₹220



LC = 1/64" LC = 0.1mm



Square Leg Spring Dividers and Calipers - Precision

Product Description

- Professional grade dividers and calipers with rugged construction
- Legs made from heavy square stock machined to smooth taper
- Hardened and ground measuring points
- Quick spring nut for making quick positive adjustments

Cat No.	Cat No.	Cat No.	Nominal Size		Price
Dividers	Inside	Outside	Inch	mm	
ADP-1410	ACP-2378	ACP-2379	3	75	₹170
ADP-1411	ACP-2430	ACP-2441	4	100	₹225
ADP-1412	ACP-2431	ACP-2442	5	125	₹250
ADP-1413	ACP-2432	ACP-2443	6	150	₹295
ADP-1414	ACP-2433	ACP-2444	7	175	₹315
ADP-1415	ACP-2434	ACP-2445	8	200	₹365
ADP-1417	ACP-2436	ACP-2447	10	250	₹415
ADP-1418	ACP-2437	ACP-2448	12	300	₹495
ADP-2403	ACP-2438	ACP-2449	16	400	₹1200
ADP-2404	ACP-2439	ACP-2450	20	500	₹1400
ADP-5642	ACP-5640	ACP-5641	40	1000	₹3800



Stainless Steel Rules

Product Description

- Rules manufactured from stainless steel
- Permanently etched graduation
- Flexible inch / metric rules are graduated 16th, 32nd and 64th on one side and 0.5 and 1 mm on the opposite side
- Conversion table etched on the back side

Cat No.	Size	Width	UNIT OF PACK	Price
ZSR-0953	6" / 150 mm	19 mm	100	₹30
ZSR-0954	12" / 300 mm	25 mm	100	₹75
ZSR-2544	18" / 450 mm	25 mm	50	₹110
ZSR-2545	24" / 600 mm	25 mm	25	₹195
ZSR-2546	36" / 1M	30 mm	25	₹325

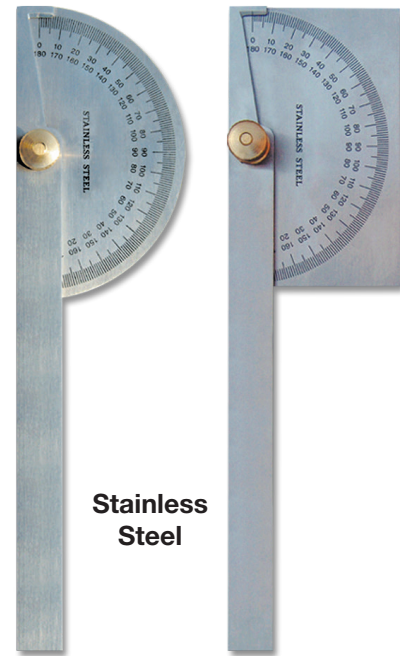


Protractors

Product Description

- Made from polished stainless steel
- Double graduation from 0 – 180° in opposite direction
- Rectangular head protractor provides four convenient working edges
- Used to draw radial lines, setting bevels and transferring angles

CAT NO.	DESCRIPTION	DIMENSION		Unit of pack	Price
		Inch	MM		
ZPM-0965	Round Head	Ø3-1/2	Ø90	60	₹240
ZPM-0966	Rectangular Head	3-1/2 x 2	90 x 50	60	₹240

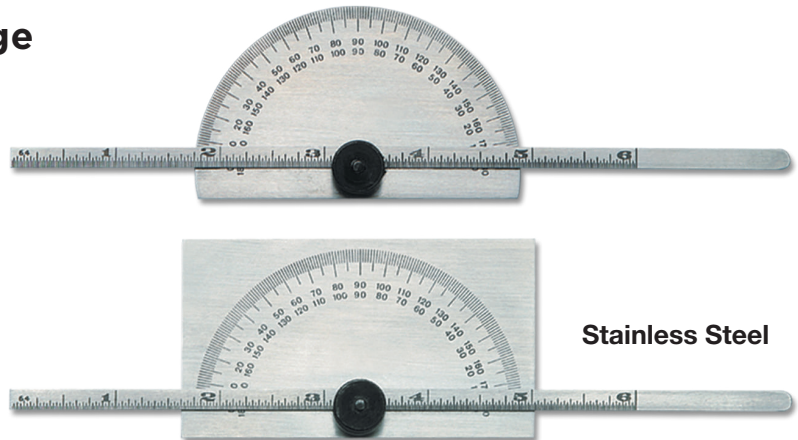


Protractor-and-Depth Gauge

Product Description

- Made from polished stainless steel
- Graduated from 0 – 180°
- Spring tension nut to secure rule to desired depth and angle

CAT NO.	DESCRIPTION	unit of pack	Price
ZPM-1277	Round	30	₹290
ZPM-1278	Rectangular	30	₹290



Magnetic Protractor

Product Description

- Ideal tool to determine angles on machine set up
- Includes punch to mark centre of round block
- Zero - 90°

Cat No.	Price
APM-7800	₹2800





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