

## Micrometer, Vernier Caliper and Engineers' Rule Set

### Features

- Combined set for extra value
- Includes MW200-01, 0-25mm micrometer, MW110-15 Vernier caliper and ER106F 150mm / 6" rule



### ENGINEERS' SET

Code No	Description
MW200-SET1	Micrometer, Vernier Caliper and Engineers' Rule Set

## Micrometer, Dial Caliper and Engineers' Rule Set

### Features

- Combined set for extra value
- Includes MW200-01, 0-25mm micrometer, MW141-15 dial caliper and ER106F 150mm / 6" rule



### ENGINEERS' SET

Code No	Description
MW200-SET2	Micrometer, Dial Caliper and Engineers' Rule Set

## Digital Workshop Engineers' Set

### Features

- Combined set for extra value
- Includes MW200-01DBL Digital micrometer and MW110-15DBL Digital caliper



### DIGITAL WORKSHOP ENGINEERS' SET

Code No	Description
MW200-SET3	Workshop Digital Micrometer and Caliper Set

## Digital IP54 Engineers' Set

### Features

- Combined set for extra value
- Includes MW201-01DAB Digital micrometer and MW110-15WR Digital caliper



### DIGITAL IP54 ENGINEERS' SET

Code No	Description
MW200-SET4	IP54 Digital Micrometer and Caliper Set

## Carpenters' Square

### Features

- Steel base and ergonomic design for ease of use
- Allows positive location and clamping
- Offers fixed angles: 45°, 90°
- With mini carbide scriber and level vial
- Squareness within 0.2mm / 300mm
- in/mm ruler



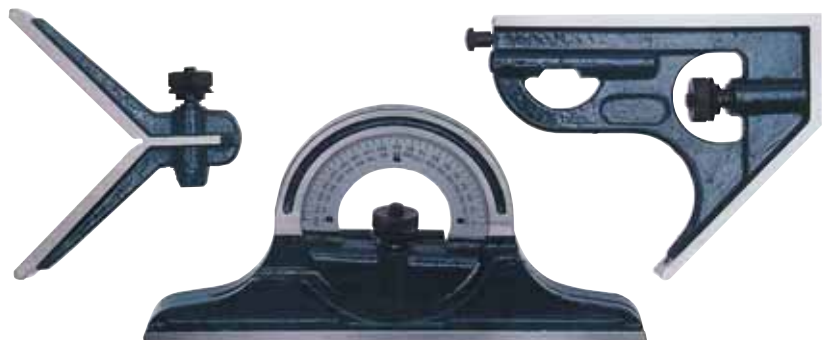
### CARPENTERS' SQUARE

Code No	Length (mm)	Length (inch)	Graduation (mm)	Graduation (inch)
MW525-01	300	12	1.0	1/32

## Basic Combination Set 520 Series

### Features

- Three measuring heads are attached to the 300mm / 12" stainless steel ruler, allowing versatile measurements on various types of work pieces
- Square head, protractor head and centrehead
- For various measuring and marking applications
- Hardened and ground slide ways
- Stainless steel rule with engraved graduations



### BASIC COMBINATION SET

Code No	Range	Note
MW520-01	180°	Items in set - 4

\* Metric and inch scale rule

## Workshop Combination Set 521 Series

### Features

- Three measuring heads are attached to the 300mm / 12" stainless steel ruler, allowing versatile measurements on various types of work pieces
- Square head, protractor head and centre head
- For various measuring and marking applications
- Hardened and ground slide ways
- Stainless steel rule with engraved graduations; one side metric, one side imperial



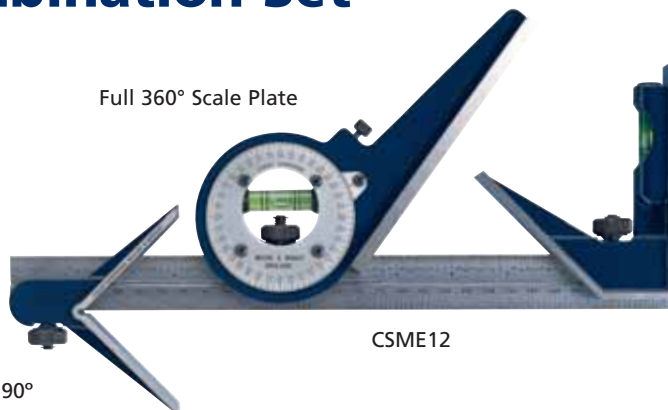
### WORKSHOP COMBINATION SET

Code No	Range	Description
MW521-01	180°	4 items in set

## Traditional Precision Combination Set CSM300

### Features

- Fully hardened and tempered precision rules with deeply etched graduations on both sides for ease of reading and long life
- Fully hardened and ground datum faces to resist wear
- Centrally mounted protractor vial allows unrestricted viewing
- Protractor has full 360° scale plate, graduated 0 - 180° - 0
- Satin chrome scale plate on protractor
- Unique rule clamp allows positive location and clamping
- Square head offers the following fixed angles: 15°, 30°, 45°, 60°, 75° & 90°
- Centre head offers a fixed 90° angle, for finding the centre of round bar stock up to 120mm diameter
- Clipped corner on rule to maximise capability
- Still made the Sheffield way



Full 360° Scale Plate

CSME12

### METRIC PRECISION COMBINATION SETS & RULES

Code No	Application Range	Description
CSM300	Precision Combination Set	Full set including 300mm rule (graduated both sides), Protractor head, Square head and Centre head
CSRM300	Rule, 300mm	mm and 0.5mm on both sides; numbered every 10mm
CSRM600	Rule, 600mm	mm and 0.5mm on both sides; numbered every 10mm

### METRIC / IMPERIAL PRECISION COMBINATION SETS & RULES

Code No	Application Range	Description
CSME12	Precision Combination Set	Full set inc. 300mm / 12" rule, Protractor head, Square head & Centre head
CSRME12	Rule, 300mm / 12"	Metric graduations: in 0.5mm, numbered every 10mm. Imperial graduations: 32nds and 64ths numbered every 1/8"
CSRME24	Rule, 600mm / 24"	Metric graduations: in 0.5mm, numbered every 10mm. Imperial graduations: 32nds and 64ths numbered every 1/8"

### REPLACEMENT COMPONENTS (TO SUIT CSM300 & CSME12)

Code No	Description
CSPRO	Protractor head
CSSH	Square head
CSCH	Centre head
RPCSCS-S	Replacement rule clamp screw



CSRME12



RPCSCS-S

## Universal Bevel Protractor

### Features

- Made of high quality hardened and ground stainless steel
- High precision satin chromed scale
- Minimum reading 5 minutes
- Magnifying glass for easy reading
- With fine adjustment and acute angle attachment
- 300mm / 12" and 150mm / 6" rule
- Packed as set in plastic box



### UNIVERSAL BEVEL PROTRACTOR SET

Code No	Range
MW500-01	360°

## Dial Bevel Protractor

### Features

- Features high quality indicator
- Made of high quality hardened and ground stainless steel
- High precision satin chromed scale
- Minimum reading 5 minutes
- With fine adjustment and acute angle attachment
- 300mm / 12" rule and 150mm / 6" rule
- Packed as set in plastic box



### BEVEL PROTRACTOR WITH DIAL

Code No	Range
MW510-01	360°

## Digital Universal Bevel Protractor

### Features

- 360° measuring range (4 x 90°)
- Manufactured from stainless steel
- Displays in deg/min/sec and decimal
- Resolution 30°
- Fine adjustment
- Battery CR2032
- Supplied with 150mm, 200mm and 300mm blades
- Supplied with acute angle attachment
- Accuracy +/- 5'



### DIGITAL PROTRACTOR

Code No	Range
MW500-01D	360°

## Digital Protractor

### Features

- Large LCD display
- Strong magnets on all blade edges
- Easy-to-use and strong lock device
- Hold function
- Reversible reading



### DIGITAL PROTRACTOR

Code No	Accuracy °	Range	Size	Resolution
MW505-01	±0.2	360°	100mm / 4"	0.05°
MW505-02	±0.2	360°	200mm / 8"	0.05°
MW505-03	±0.2	360°	300mm / 12"	0.05°

## Digital Angle Rule

### Features

- Large LCD display
- Easy-to-use and strong lock device
- Inside and outside angle measuring
- Functions: Hold function, on/off, zero-setting
- Reversible reading
- Stainless steel rule blades with mm scale



### DIGITAL ANGLE RULE

Code No	Range (mm)	Resolution
MW506-01	200	0.05°
MW506-02	300	0.05°

## Protractor With Rule 946 Series

### Features

- Made of tool steel
- Satin chromed laser engraved scale
- Robust and durable design



### METRIC ANGLE METER READINGS

Code No	Length (mm)	Diameter of Scale (mm)
MW946-01	120	80
MW946-02	150	120
MW946-03	200	150
MW946-04	300	200

## Traditional Depth Gauge

### Depth Gauge:

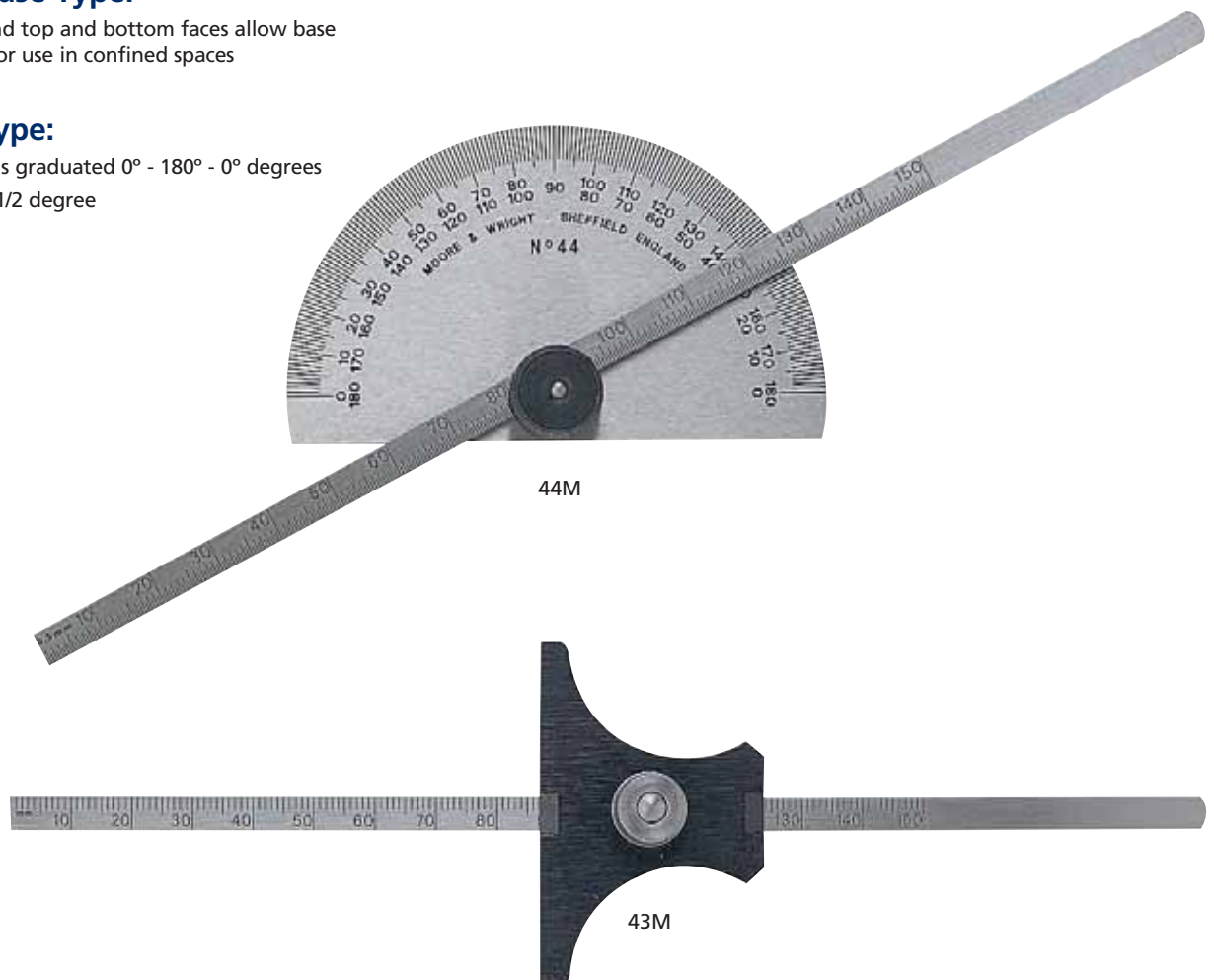
- Available with either reversible base or protractor
- Full range rule adjustment
- Readings can be fixed by means of a locknut
- Rules graduated on both sides
- Metric scales front face graduations 0.5mm, 1.0mm
- Metric scales rear face graduations 1.0mm
- Metric / Imperial scales front face graduations 1/32nd
- Metric / Imperial scales rear face graduations 1.0mm
- Length of blade 195mm / 7.68"

### Reversible Base Type:

- Accurately ground top and bottom faces allow base to be reversed, for use in confined spaces

### Protractor Type:

- Protractor plate is graduated 0° - 180° - 0° degrees
- Scale resolution 1/2 degree



### METRIC DEPTH GAUGE 0-150MM

Code No	Description	Width (mm)	Thickness	Size of Base
43M	Reversible Base	5.5	1.0mm	18mm, 56mm
44M	Protractor	5.5	1.0mm	79mm

### METRIC / IMPERIAL DEPTH GAUGE 0-150MM / 0-6"

Code No	Description	Width (mm)	Width (inch)	Thickness	Size of Base
43	Reversible Base	5.5	0.22	1.0mm / 0.04"	18mm, 56mm, 0.71", 2.21"
44	Protractor	5.5	0.22	1.0mm / 0.04"	79mm / 3.11"



## Traditional Engineers' Level

### Features

- Main vial sensitivity of 1 minute
- Each level is fitted with a main, cross and plumb vial
- Main vial protected by rotating shroud
- Vial solution maintains colour and fluidity under all workshop conditions
- Precision ground cast base with vee groove for location on cylindrical work



### METRIC / IMPERIAL ENGINEERS' LEVEL

Code No	Length (mm)	Length (inch)	Width (mm)	Width (inch)	Height (mm)	Height (inch)	Resolution (mm)	Resolution (inch)
ELS	165	6.5	34	1.34	46	1.81	0.3mm per metre	0.0035" per foot

## Traditional Engineers' Level

### Features

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- Each level is fitted with a main, cross and plumb vial
- Main vial protected by rotating shroud
- Vial solution maintains colour and fluidity under all workshop conditions
- Precision ground cast base with vee groove for location on cylindrical work



### METRIC / IMPERIAL ENGINEERS' LEVEL

Code No	Length (mm)	Length (inch)	Width (mm)	Width (inch)	Height (mm)	Height (inch)	Resolution (mm)	Resolution (inch)
ELM	310	12	36	1.42	58	2.28	0.3mm per metre	0.0035" per foot

## Retail Packed Products

### Features

- Ultra compact dimensions and a single vial
- Machined from a solid block of carbon steel
- Supplied on retail card



### RETAIL PACKED RANGE

Code No	Description
ELT001XR	Mini Level

## Engineers' Level 550 Series

### Features

- With four ground measuring faces
- Features zero-point adjustment
- With V-slot on base
- Made of cast iron, solid and rigid construction
- With sub-level tube



### ENGINEERS' LEVEL

Code No	Size of Base (mm)	Sensitivity (mm/m)
MW550-03	200	0.02

## Digital Mini-Mag Level 570 Series

### Features

- Measuring range 360° (4 x 90°)
- Embedded magnets on two sides
- Standard 9V battery
- Dimensions: L60mm x H60mm x W35mm



### DIGITAL MINI-MAG LEVEL

Code No	Description	Accuracy °	Resolution
MW570-01	Mini-Mag Level	±0.2	0.05°

## Digital Level 580 Series

### Features

- Precision inclinometer sensor
- CNC machined super flat edge
- Heavy duty aluminium alloy body, chrome finish
- Laser accurately extends level capabilities
- Strong magnets on underside
- Measuring: 4x90°
- Battery: standard 9V



### DIGITAL LEVEL

Code No	Accuracy °	Size	Resolution
MW580-01	±0.2	150mm / 6"	0.05°
MW580-02	±0.2	225mm / 9"	0.05°
MW580-03	±0.2	600mm / 24"	0.05°

## Steel Gauge Blocks 700 Series

### Features

- Made from high quality stress relieved alloy steel
- Hardened to HV820 (HRC65)
- Excellent rigidity
- Size and serial number are engraved on each individual gauge block
- Available in 2 grades
  - Grade 1 for Inspection
  - Grade 2 for Workshop
- All sets have a MOORE & WRIGHT certificate
- All sets can be issued with a UKAS certificate at extra cost



### BLOCK SET CONFIGURATION

No. blocks	Nominal size	Qty	Step (mm)	No. blocks	Nominal size	Qty	Step (mm)	No. blocks	Nominal size	Qty	Step (mm)	No. blocks	Nominal size	Qty	Step (mm)
103	1.005	1		87	1.001-1.009	9	0.001	47	1.005	1		32	1.005	1	
	1.01-1.49	49	0.01		1.01-1.49	49	0.01		1.01-1.09	9	0.01		1.01-1.09	9	0.01
	0.50-24.50	49	0.5		0.50-9.50	19	0.5		1.10-1.90	9	0.1		1.10-1.90	9	0.1
	25.0-100.0	4	25		10.0-100.0	10	10		1.0-24.0	24	1		1.0-9.0	9	1
									25.0-100.0	4	25		10.0-30.0	3	10
													60.0	1	

### GAUGE BLOCK SETS

Code No	No. of Blocks	Description
MW700-02	103	Grade 1
MW700-03	103	Grade 2
MW700-05	87	Grade 1
MW700-06	87	Grade 2
MW700-08	47	Grade 1
MW700-09	47	Grade 2
MW700-11	32	Grade 1
MW700-12	32	Grade 2

## Mic-Check Gauge Block Set MW715 Series

### Features

- Standard: DIN 861
- For the inspection of Metric Micrometers according to DIN 863
- Inspection Grade: Grade 0
- Nominal Gauge Sizes: 2.5, 5.1, 7.7, 10.3, 12.9, 15.0, 17.6, 20.2, 22.8, 25.0mm
- Optical Flat: 30mm diameter, 12.0mm thick
- Supplied with a stand to conveniently hold the slip gauges
- Can be used horizontally or vertically
- Supplied in a fitted case with a M&W Calibration certificate



### MIC-CHECK M10 SET AND STAND

Code No	Description
MW715-01	10 Piece Mic-Check Gauge Block Set plus Optical Flat

## Dial Bore Gauge Setting Master 720 Series

### Features

- Bore Gauge Setting Master Kit for accurately setting any 2 point bore gauge up to 160mm in diameter to an accuracy of 0.01mm
- Setting master and 33 piece metric gauge block set supplied in plastic case

### Setting Device

- Internal range 160mm
- Depth range 25mm
- Centraliser width 70mm
- Quick-release holder for fast adjustment

### Gauge Block Set

- Accuracy to DIN 861, Grade2
- 33 piece metric steel set
- Supplied in a fitted case with a M&W Calibration certificate



### CYLINDER BORE GAUGE SETTING MASTER KIT

Code No	Description
MW720-01	Bore Gauge Setting Master Kit

## Traditional Angle Plates

### Features

- Complies with: BS5535 Grade B
- Manufactured from close grained cast iron
- Heat stabilised to prevent distortion
- Machined to tolerance on all four edges and two faces (four faces on open end version)



### METRIC / IMPERIAL ANGLE PLATES

Code No.	Description	Length (mm)	Length (inch)	Width (mm)	Width (inch)	Height (mm)	Height (inch)
E200	Webbed	100	3.94	60	2.36	80	3.15
E201	Webbed	131	5.15	86	3.38	106	4.17
E202	Webbed	160	6.30	100	3.94	125	4.92
E204	Webbed	200	7.87	125	4.92	160	6.30
E301	Open End	125	4.92	80	3.15	100	3.94
E302	Open End	160	6.30	100	3.94	125	4.92
E304	Open End	200	7.87	125	4.92	160	6.30

## Traditional Vee Blocks & Clamps

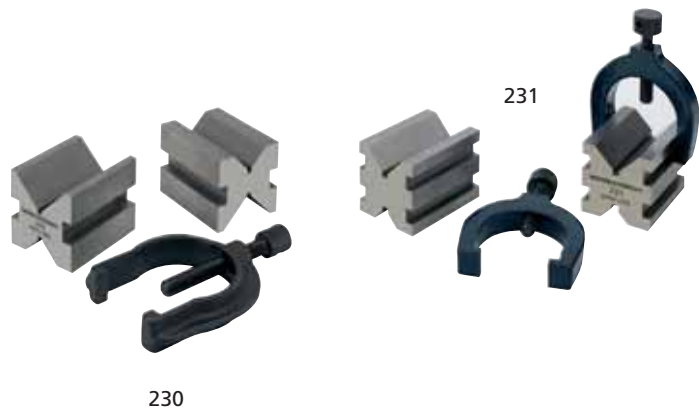
### Features

#### 230 General Workshop grade

- Manufactured from close grained cast iron
- Supplied in matched and numbered pairs
- One steel clamp and screw supplied per pair

#### 231 Precision Vee Blocks

- Manufactured to BS3731 grade B
- Manufactured from case hardened and ground mild steel
- Supplied in matched pairs only
- Two malleable iron clamps with steel screws supplied with each pair of blocks



### SPARE CLAMPS

Code No	Description
23001	Spare Clamp and Screw for 230
23101	Spare Clamp and Screw for 231

### VEE BLOCKS & CLAMPS

Code No	Accuracy (mm)	Accuracy (inch)	Range (mm)	Range (inch)	Width (mm)	Width (inch)	Length (mm)	Length (inch)	Height (mm)	Height (inch)
230	0.05	0.020	40	1 1/2	40	1 1/2	50	2	40	1 1/2
231	0.01	0.004	25	1	32	1 1/4	42	1 5/8	32	1 1/4

## Steel Pin Gauge Sets

### Features

- Boxed sets complete with handle
- Each pin is laser engraved with its size above 1.5mm
- Each pin is stored in its own tube, marked with the pin size
- Pin length 50mm
- Supplied with a certificate of conformity
- Fully hardened to 60/62 HRC
- Manufacturing tolerance +/- .002mm



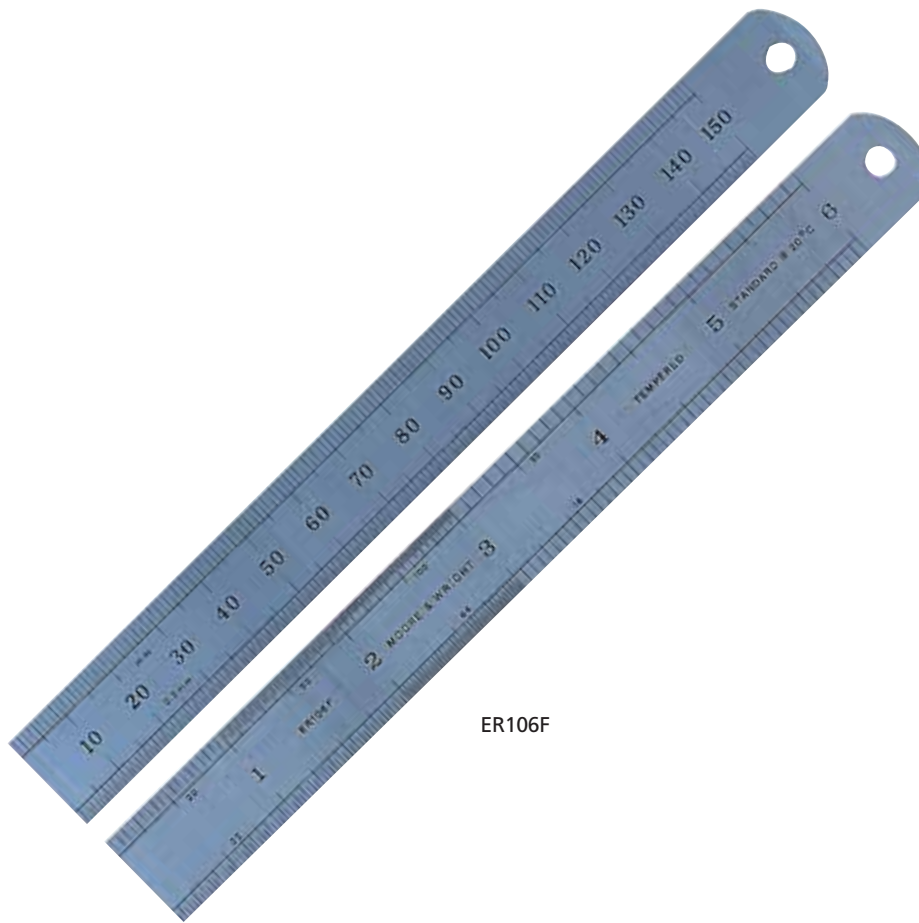
### STEEL PIN GAUGE SETS

Code No	Description	Code No	Description	Code No	Description
MW725-01	Steel Pin Gauge Set 51pce 0.50-1.00x.01mm +/- 0.002mm C/W Handle	MW725-05	Steel Pin Gauge Set 100pce 4.01-5.00x.01mm +/- 0.002mm C/W Handle	MW725-09	Steel Pin Gauge Set 100pce 8.01-9.00x.01mm +/- 0.002mm C/W Handle
MW725-02	Steel Pin Gauge Set 100pce 1.01-2.00x.01mm +/- 0.002mm C/W Handle	MW725-06	Steel Pin Gauge Set 100pce 5.01-6.00x.01mm +/- 0.002mm C/W Handle	MW725-10	Steel Pin Gauge Set 100pce 9.01-10.00x.01mm +/- 0.002mm C/W Handle
MW725-03	Steel Pin Gauge Set 100pce 2.01-3.00x.01mm +/- 0.002mm C/W Handle	MW725-07	Steel Pin Gauge Set 100pce 6.01-7.00x.01mm +/- 0.002mm C/W Handle		
MW725-04	Steel Pin Gauge Set 100pce 3.01-4.00x.01mm +/- 0.002mm C/W Handle	MW725-08	Steel Pin Gauge Set 100pce 7.01-8.00x.01mm +/- 0.002mm C/W Handle		

## Traditional Engineers' Rules

### Features

- Made from fine quality steel which has been hardened and tempered to provide the ideal balance between flexibility and durability
- D shaped end with hanging hole
- Satin chrome anti-glare finish
- Permanent black high definition scale markings
- Metric scales front and rear face graduations 0.5mm, 1.0mm
- Metric / Imperial scales front face graduations 1/16th, 1/32nd, 1/64th 1/10th, 1/20th, 1/50th, 1/100th of an inch
- Metric / Imperial scales rear face graduations 0.5mm, 1.0mm



ER106F

### METRIC SCALES ONLY: Two Sides, Four Edges

Code No	Length (mm)	Width (mm)	Thickness	Pack Quantity
ER306F	150	19	0.4mm	1
ER312	300	25	1.0mm	1

### METRIC / IMPERIAL SCALES: Two Sides, Four Edges

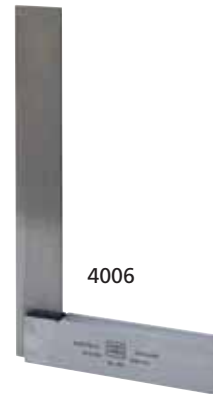
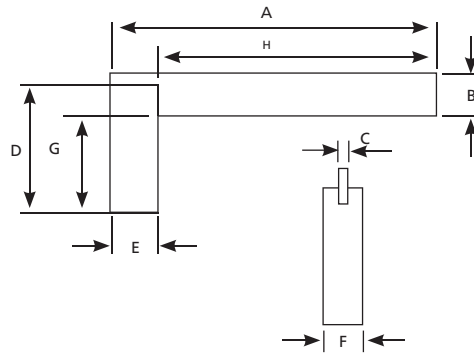
Code No	Length (mm)	Length (inch)	Width (mm)	Thickness	Pack Quantity
ER106F	150	6	19.0	0.4mm	1
ER206F	150	6	12.5	0.4mm	1
ER112	300	12	25.0	1.0mm	1
ER212	300	12	12.5	1.0mm	1
ER424	600	24	25.0	1.0mm	1



## Traditional Engineers' Square

### Features

- Standard: To BS939 / Grade B
- Precision ground blade and stock
- Blind rivetted construction
- Hardened and tempered blades
- Supplied boxed



Product shown in use

### DIMENSIONS TABLE (MM)

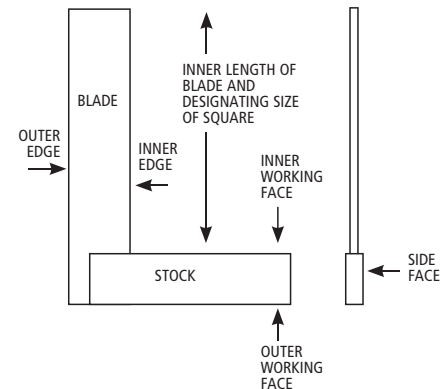
Square Size Faces	Blade		Stock				Inner Working	
	A	B	C	D	E	F	G	H
3" (75mm)	104.8	25.4	1.42	68.5	25.4	12.7	49.3	79.4
4" (100mm)	130.2	25.4	1.42	76.2	25.4	12.7	57.0	104.8
6" (150mm)	181.0	25.4	1.42	101.6	25.4	12.7	82.4	155.6
9" (225mm)	273.1	38.1	3.15	139.7	38.1	19.05	107.9	234.95
12" (300mm)	355.6	44.4	3.15	177.8	44.4	22.2	139.7	311.2

### WORKSHOP SQUARE: Grade B

Code No	Blade Length (mm)	Blade Length (inch)	Approx. Stock Length (mm) (inside face)
4003	75	3	49
4004	100	4	56
4006	150	6	82
4009	225	9	108
40012	300	12	139

### 400 SERIES ENGINEERS SQUARES TOLERANCES (MICRONS)

	Size of Square				
	3" 75mm	4" 100mm	6" 150mm	9" 225mm	12" 300mm
Straightness of Blade Edges	8	8	8	8	12
Parallelism of Blade Edges	8	8	8	12	12
Flatness of Working Faces of Stock (any deviation must be concave)					
Parallelism of Working Faces of Stock	4	6	6	8	8
Parallelism of Side Faces of Stock	5	5	5	8	8
Parallelism of Side Faces of Stock	25	25	25	50	50
Squareness of Side Faces of Stock to Working Faces of Stock	57	57	75	114	134
Squareness of Edges of Blade to Side Faces of Stock	15	15	15	15	15
Squareness of Edges of Blade to Working Faces of Stock	16	16	16	16	24
Lateral Squareness of Blade	125	250	250	375	375



## Precision Engineers' Bevelled Edge Square

### Features

- Standard: DIN 875 Grade 0
- Made of heat treated steel
- Precision ground and micro-lapped
- 2 knife-form sides with angle of 40°



### ENGINEERS' SQUARE

Code No	Description
MW910-01	40 x 30mm
MW910-02	50 x 40mm
MW910-03	75 x 50mm
MW910-04	100 x 70mm
MW910-05	150 x 100mm
MW910-06	200 x 130mm

## Sliding 'T' Squares

### Features

- Practical time saving tool for marking-out applications
- Suitable for use as a parallel or as a double square
- Working surfaces of the stock are ground
- The blade is hardened, tempered and has a satin chrome finish



### METRIC SLIDING T SQUARES

Code No	Length (mm)	Graduation (mm)	Stock Length (mm)
DS71041	100	1, 0.5	62
DS71051	150	1, 0.5	62

### METRIC / IMPERIAL SLIDING T SQUARES

Code No	Length (mm)	Length (inch)	Graduation (mm)	Graduation (inch)	Stock Length (mm)
DS71044	100	4	0.5, 1	1/16	62
DS71056	150	6	0.5, 1	1/16	62

## Knife Straight Edge Rule 900 Series

### Features

- Standard: DIN 874 Grade 00
- Made of hardened alloy steel
- Precision ground and micro-lapped
- Knife-form with angle of 30°
- Packed individually in leather-look bag



### ENGINEERS' RULE

Code No	Length (mm)
MW900-01	50
MW900-02	75
MW900-03	100
MW900-04	125
MW900-05	150
MW900-07	300
MW900-06	200
MW900-08	400

## Telescopic Gauges 315 Series - Sets

### Features

- For quick economical inside measurements
- Spring loaded plunger that expands in the bore or groove
- Satin-chromed body
- With auto extension and direct locking
- Measuring faces are hardened and micro-lapped

Range 8 - 12.7mm  
12.7 - 19mm  
19 - 32mm  
32 - 54mm  
54 - 90mm  
90 - 150mm



### TELESCOPIC GAUGES

Code No	Range (mm)
MW315-011	8-12.7
MW315-012	12.7-19
MW315-013	19-32
MW315-014	32-54
MW315-015	54-90
MW315-016	90-150

### TELESCOPIC GAUGE SETS

Code No	Range (mm)	Pack Quantity
MW315-01	8-150	6-pieces

## Carbide Tipped Scriber

### Features

- Pocket clip
- Pearl-chrome finish
- Robust design



SCT001XR



SCT002R

### SCRIBER - CARBIDE TIPPED

Code No	Description
SCT001XR	Scriber - Carbide Tipped
SCT002R	Retail Pack, fixed carbide tipped scriber

## Traditional Hermaphrodite Calipers

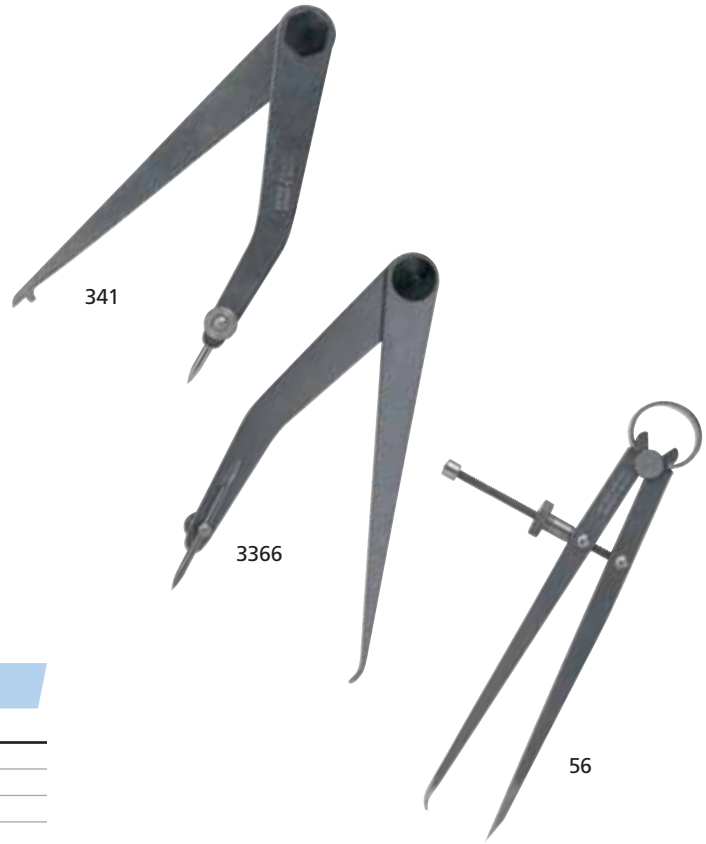
### Firm Joint Adjustable Point:

- Manufactured from polished tool steel
- A large headed nut and screw assembly provides a firm and rigid friction joint, with no play
- The sizes listed are the effective leg length which is measured from the joint assembly
- Leg which holds the round adjustable hardened point is offset
- Model 341 has a locating spur on the straight leg

Note: Firm joint caliper capacities are generally 1/3 greater than the effective leg length.

### Spring Joint:

- Manufactured from polished tool steel
- The marking leg is hardened to over 550Hv at the point
- Bow spring ensures uniform tension over working range
- Centrally mounted adjustment screw offers finer setting than firm joint type



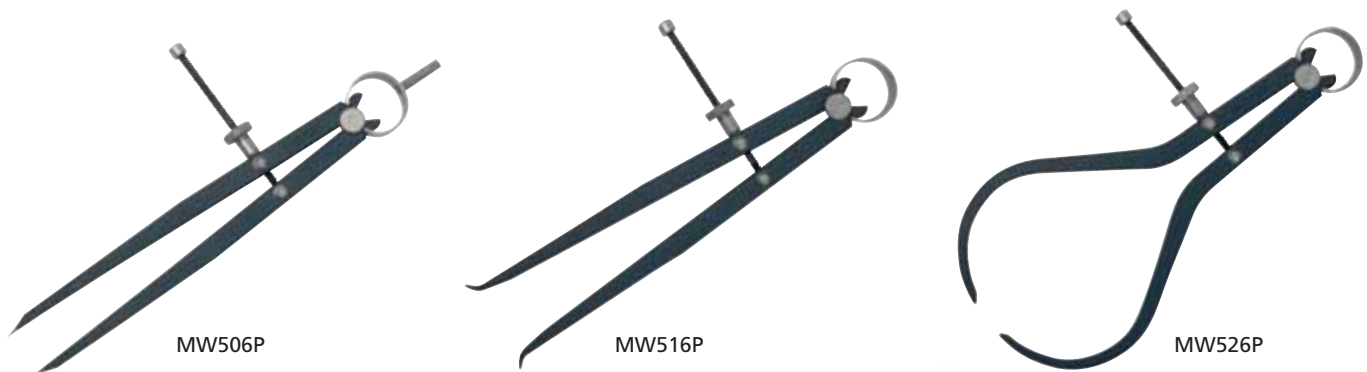
### METRIC / IMPERIAL HERMAPHRODITE CALIPERS

Code No	Size	Pack Quantity	Description
341	125mm / 5"	5	Firm Joint
3366	150mm / 6"	5	Firm Joint
56	150mm / 6"	5	Spring Joint

## Powder Coated Calipers & Dividers

### Features

- Powder coated steel for extra durability
- Sizes listed are the effective leg length which is measured from the joint assembly



### POWDER COATED CALIPERS & DIVIDERS

Size	Code No	Description	Code No	Description	Code No	Description
100mm / 4"	MW504P	Divider	MW514P	Inside Caliper	MW524P	Outside Caliper
150mm / 6"	MW506P	Divider	MW516P	Inside Caliper	MW526P	Outside Caliper
300mm / 12"	MW5012P	Divider	MW5112P	Inside Caliper	MW5212P	Outside Caliper

## Traditional Inside & Outside Calipers

### Inside & Outside Calipers, Firm Joint:

- Standard: BS3123
- Manufactured from polished tool steel
- A large headed nut & screw assembly provides a firm & rigid friction joint, with no play
- The sizes listed are the effective leg length which is measured from the joint assembly

Note: Firm joint caliper capacities are generally 1/3 greater than the effective leg length.

### Outside Calipers, Spring Joint:

- Standard: BS3123
- Bow spring ensures uniform tension over working range
- Centrally mounted adjustment screw offers finer setting, than firm joint type

### Inside Calipers, Spring Joint:

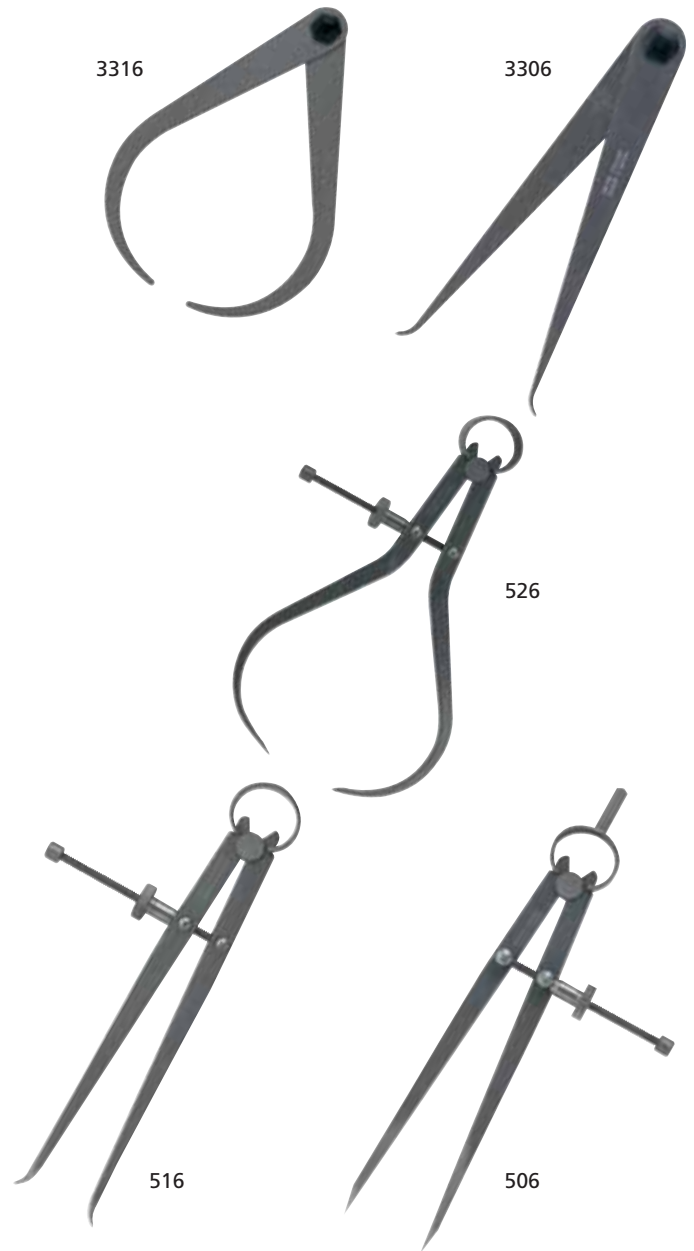
- Standard: BS3123
- Bow spring ensures uniform tension over working range
- Centrally mounted adjustment screw
- Manufactured from polished tool steel

Note: Firm joint caliper capacities are generally 1/3 greater than the effective leg length.

### Spring Dividers:

- Standard: BS3123
- Manufactured from polished tool steel
- Points are hardened to over 550Hv
- Bow spring ensures uniform tension over working range
- Centrally mounted adjustment screw

Note: The nominal size is the distance between the centre of the roller and the working ends of the legs.



#### INSIDE CALIPERS FIRM JOINT

Code No	Size	Pack Quantity
3306	150mm / 6"	5
3308	200mm / 8"	1
33012	300mm / 12"	1

#### OUTSIDE CALIPERS FIRM JOINT

Code No	Size	Pack Quantity
3316	150mm / 6"	5
3318	200mm / 8"	1
33112	300mm / 12"	1
33118	450mm / 18"	1
33124	600mm / 24"	1

#### DIVIDERS & INSIDE / OUTSIDE CALIPERS SPRING JOINT

Size	Code No	Description	Code No	Description	Code No	Description	Pack Quantity
75mm / 3"	503	Divider	513	Inside	523	Outside	5
100mm / 4"	504	Divider	514	Inside	524	Outside	5
150mm / 6"	506	Divider	516	Inside	526	Outside	5
200mm / 8"	508	Divider	518	Inside	528	Outside	1
250mm / 10"	5010	Divider	5110	Inside	5210	Outside	1
300mm / 12"	5012	Divider	5112	Inside	5212	Outside	1

## Traditional Drill & Standard Wire Gauges

### Drill Gauges:

- Made from high grade tool steel, with a brushed finish
- Marked with nominal size of each hole

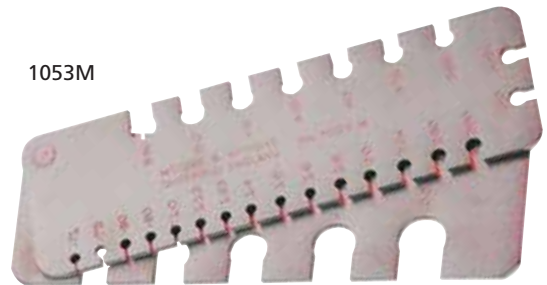
### Standard Wire Gauges:

- Two part space saving design, with corner pivot
- Marked with nominal size of each slot
- Made from high grade tool steel, with a brushed finish
- 1067M & 1053M available in Retail Packs

1067M



1053M



### METRIC STANDARD WIRE GAUGES

Code No	No. of Slots	Range of Slot Size
1053M	40	0.2-10.0mm

### IMPERIAL STANDARD WIRE GAUGES

Code No	No. of Slots	Range of Slot Size
1052	36	1-36 SWG

### METRIC DRILL GAUGES

Code No	No. of Holes	Range of Hole Size	Graduation (mm)
1067M	26	0.5-13.0mm	0.5
1066M	96	0.5-10.0mm	0.1

## Traditional Surface Gauges

### Universal type:

- Designed for precise marking out operations
- Hardened and tempered steel base, ground on one end and bottom face
- Vee groove for locating on cylindrical workpieces
- Two retractable locating pins
- Radial grooves in the side facilitate comfortable handling
- One handed fine adjustment
- Supplied with two interchangeable pillars and one 4mm diameter scriber

Note: Surface gauges can be used for mounting dial test indicators with either a 4mm or 6.35mm (1/4") mounting spigot.



E102B

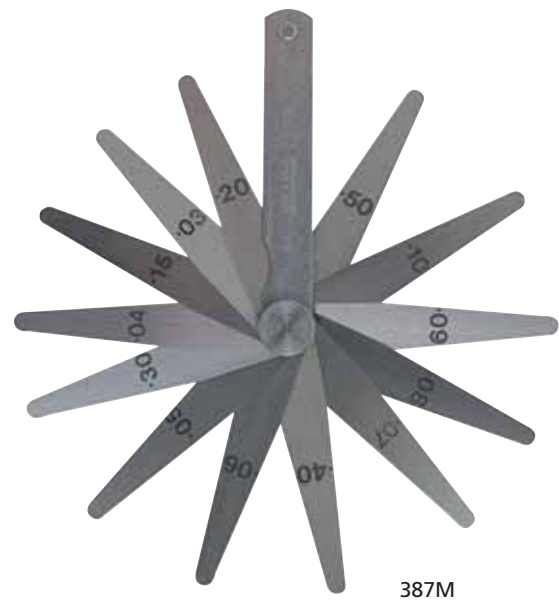
### METRIC / IMPERIAL SURFACE GAUGES

Code No	Description	Size of Base	Height (mm)	Height (inch)
E101B	Universal	80 x 65mm, 3 1/8 x 2 1/2"	225 & 300	9 & 12
E102B	Universal	105 x 85mm, 4 1/8 x 3 3/8"	300 & 450	12 & 18

## Traditional Feeler Gauge Set - Precision Range

### Precision Range:

- Standard: DIN 2275
- All blades are hardened, tempered and polished
- Nominal thickness marked on each blade
- Replacement blades available
- 3" / 75mm & 4" / 100mm available in Retail Pack



### IMPERIAL PRECISION RANGE

Code No	Length (inch)	No. of Blades	Thickness x 0.001"	Width (inch)	Locking Screw
1243	3	10	1.5, 2, 3, 4, 6, 8,	0.5	No
132	4	10	10, 12, 15, 25	0.5	No
1246	6	10		0.5	No
12412	12	10		0.5	No
493	4	15	1.5, 2, 2.5, 3, 4, 5, 6, 7, 8, 9, 10, 12, 15, 20, 25	0.5	No
12	3	26	1.5, 2, 2.5, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25	0.5	No

### METRIC PRECISION RANGE

Code No	Length (mm)	No. of Blades	Thickness x 0.01mm	Width (mm)	Locking Screw
387M	75	13	3, 4, 5, 6, 7, 8,	12.7	Yes
388M	100	13	9, 10, 15, 20, 30, 40, 50	12.7	Yes
389M	100	13	5, 10, 15, 20,	12.7	No
394M	150	13	25, 30, 40, 50, 60, 70, 80, 90, 100	12.7	No
393M	75	20	5, 10, 15, 20,	12.7	No
390M	100	20	25, 30, 35, 40,	12.7	No
395M	150	20	45, 50, 55, 60,	12.7	No
399M	300	20	65, 70, 75, 80, 85, 90, 95, 100	12.7	Yes



## Feeler Strip 126M Series

### Features

- Standard: DIN 2275
- Hardened, tempered and polished steel strip
- Nominal thickness is marked on each strip
- Supplied 10pc each pack

126M003



### METRIC 0.03-0.60MM

Code No	Thickness x 0.01mm	Length (mm)	Width (mm)
126M003	3	300	12.7
126M004	4	300	12.7
126M005	5	300	12.7
126M006	6	300	12.7
126M007	7	300	12.7
126M008	8	300	12.7
126M009	9	300	12.7
126M010	10	300	12.7
126M015	15	300	12.7
126M020	20	300	12.7
126M025	25	300	12.7
126M030	30	300	12.7
126M035	35	300	12.7
126M040	40	300	12.7
126M045	45	300	12.7
126M050	50	300	12.7
126M055	55	300	12.7
126M060	60	300	12.7

### IMPERIAL 0.001-0.025"

Code No	Thickness x 0.001"	Length (inch)	Width (inch)
1260001	1	12	0.5
12600015	1.5	12	0.5
1260002	2	12	0.5
12600025	2.5	12	0.5
1260003	3	12	0.5
1260004	4	12	0.5
1260005	5	12	0.5
1260006	6	12	0.5
1260007	7	12	0.5
1260008	8	12	0.5
1260009	9	12	0.5
1260010	10	12	0.5
1260011	11	12	0.5
1260012	12	12	0.5
1260013	13	12	0.5
1260014	14	12	0.5
1260015	15	12	0.5
1260016	16	12	0.5
1260017	17	12	0.5
1260018	18	12	0.5
1260019	19	12	0.5
1260020	20	12	0.5
1260021	21	12	0.5
1260022	22	12	0.5
1260023	23	12	0.5
1260024	24	12	0.5
1260025	25	12	0.5

## Feeler Strip Sets

### Features

- Standard: DIN 2275
- 20 piece feeler strip in wallet
- Hardened, tempered and polished steel strip
- Nominal thickness is marked on each strip
- Imperial Set: Length 6", Range 1-25 Thou
- Metric Set: Length 150mm, Range 0.03 to 1.00mm

### FEELER STRIP SETS

Code No	Range
FS20M	Metric 20 Piece Feeler Strip Set
FS20E	Imperial 20 Piece Feeler Strip Set



FS20M