

# Axminster Precision

There was a time when you bought a tool as an apprentice or student and that tool stayed with you throughout your career.

Created out of the frustration with sub-standard tools flooding the market, Axminster Precision is a range of traditional measuring and marking tools that will stand the test of time.

**AXMINSTER  
PRECISION**

**AXMINSTER  
Tools & Machinery**

# AXMINSTER PRECISION TAPE MEASURES

**The tape measure, one of the great British inventions, is used by millions across the world on tasks from the mundane to the extraordinary.**

There are thousands to choose from, from a specialist tape for bricklayers to ones you find in a Christmas cracker!

## TOP QUALITY AND GREAT VALUE TAPE MEASURES

All tape measures are useful but there are varying standards of manufacture and accuracy. Our intention was to source a range of top quality, accurate tape measures that would offer excellent performance regardless of the application.



## FEATURES OF THE 'PRECISION' RANGE OF TAPE MEASURES

There are several features about the seemingly mundane tape measure, some of which are quite important and others which may never be used.

### 1. What will the tape be used for?

Determine the tape's use. Accuracy in the workshop, on site, continuous outdoor use or perhaps a tape suited to general DIY activities around the home?

### 2. Comfort

Those in a trade will probably use a tape measure almost continuously throughout the day and so it should be comfortable in the pocket or on your belt clip. The tape should also fit conveniently into the hand with no sharp edges and it should be easy to use.

### 3. Blade markings

Over time and continual use, the blade markings will inevitably wear and if they have, it's a good time to replace your tape measure. There are many different colours available from the traditional yellow to white and even high visibility.

### 4. Blade material and coating

Most tape measures have a steel or stainless steel blade, (which is an advantage as it won't rust,) but it's the coating which is crucial as it's this that generally determines the accuracy and life of the tape measure. Axminster Precision tapes have a Dura nylon coated steel blade which lasts up to fifteen times longer than other comparable tape measures.



## TYPES HOOK END

The 'hook end' of a tape measure is produced in many different ways and for a variety of uses, some of which are shown here



The nail and screw slot – Part 1

Many tape measures have a small slot cut into the end to locate the end of a nail or screw. This is especially useful if you're working on your own as you insert a nail or screw at the point where the measurement starts and then hook the tape over it.



The nail and screw slot – Part 2

The slot in a hook end is also a very easy method of scribing a circle or arc. Locate the hook end slot over the screw head and extend the tape to the correct radius.



The serrated scribing end

The serrated hook end of a tape measure can be used to mark the work if a pencil is not available.



The self adjusting end hook

The movement of the rivets on the tape and hook are key to it's accuracy. This allowance is deliberate and compensates exactly for the thickness of the hook, the result being that the user can obtain accurate 'inside' and 'outside' measurements.



### 5. What is the tape's 'stand out' reach?

This is the distance that the tape collapses under its own weight when gradually extended. As a general rule, a tape measure with a deeply curved cross section and a wide blade will have a greater 'stand out' reach.

### 6. Accuracy

Tape measures are generally Class 1 or a Class 2 standard of accuracy, with most tapes being Class 2, which are accurate to +/- 2.3mm over a 10m length. A Class 1 tape is accurate to +/- 1.1mm over the same distance and if accuracy is essential, a Class 1 tape measure is highly recommended.

### 7. What are the advantages of double sided tapes?

A double sided tape measure has advantages over its single sided counterparts, the most important of which is that it allows the measurement to be read easily and avoids parallax error. The curved cross section of the tape (which also aids the 'stand out' distance) has the disadvantage that it makes the measurement awkward to read unless it's twisted to lie flat. Parallax error occurs when the tape markings are raised off the surface that's being measured or marked. Where there are identical markings on the other side, turning the tape over removes the parallax error.

# AXMINSTER PRECISION TAPE MEASURES - THE NEW RANGE



## Master Precision

code: 102569

### Class 1 Accurate

The Master Precision is Class 1 and the most accurate tape measure available.

If you're involved in precision work, this tape measure is highly recommended. It's not packed with innovative features but if it's accuracy you need, then this is the tape measure to purchase.



## Power Blade Tape

### Class 2 Accurate

This is a heavy duty, double sided tape with both metric and imperial measurements.

It has a chrome plated, impact resistant case which features a rubber moulding that provides protection as well as an ergonomic grip. If you're out and about on site and you need a tough tape measure, this one comes highly recommended.

	Code
5m/16ft	102564
8m/26ft	102565



## Stainless Steel Tape

code: 102561

### Class 2 Accurate

Whether you're a landscape gardener, boat builder or working anywhere outside in the UK, there are going to be times when your tape measure is used in wet conditions.

A nylon coating can protect an ordinary steel blade, but unless meticulous care is taken to dry the tape measure before recoiling it, the mechanism is liable to corrode. All the components which might otherwise corrode on this tape measure are made from stainless steel: rust and decay due to water is a thing of the past.



## 2 in 1 Gap Tape

code: 210940

### Class 2 Accurate

The 2 in 1 Gap Tape is genuinely unique as it will measure an inside or internal dimension; something which is difficult with a standard tape measure as the blade needs to be bent in order for the measurement to be estimated. It's also extremely bad for the blade!

The 2 in 1 Gap Tape allows the user to turn the tape over, place it into the internal dimension and read from the reverse scale, which takes into account the length of the tape measure casing.

It will, of course, also make an excellent tape measure for external measurements.



## Metric Vice-Versa Tape

### Class 2 Accurate

Most of the Axminster Precision tapes are both metric and imperial; however this is the only in the range that's metric.

This is an innovative tape measure in that it can be read from both left to right and right to left. This makes it very easy to read regardless of whether you're right or left handed. It also has a 'hold and release' button on the underside to keep the tape temporarily in place whilst in use. The Vice - Versa has a double sided, metric only scale and extra large hook, which makes it easy to measure and read in almost any situation.

	Code
5m	952815
8m	102525



## Self Lock Tape

### Class 2 Accurate

A 'self locking' tape is very straightforward; extend the tape and it will not retract unless the release button is pressed. This is a great convenience and saves time fumbling around with the locking switch.

The tape is double sided to allow easy reading and marking, thus avoiding parallax error (see above). It also has a multi-directional hook, allowing easy measurement from above and the side. The high visibility blade also has imperial and metric graduations.

	Code
5m/16ft	102562
8m/26ft	102563



## Auto Lock Tape

### Class 2 Accurate

This is a good, all round, general purpose tape measure with graduations in metric and imperial. It locks automatically when extended and only retracts once the release button is pressed.

The easily read, non-reflective blade is complimented by the magnetic hook. If you're after a DIY tape to keep in the kitchen drawer at home then this one is well worth considering.

	Code
5m/16ft	320416
8m/26ft	320417



## Double Sided Tape

### Class 2 Accurate

This is a good, heavy duty, robustly built, all round tape measure with a double sided tape (see the benefits on page 2).

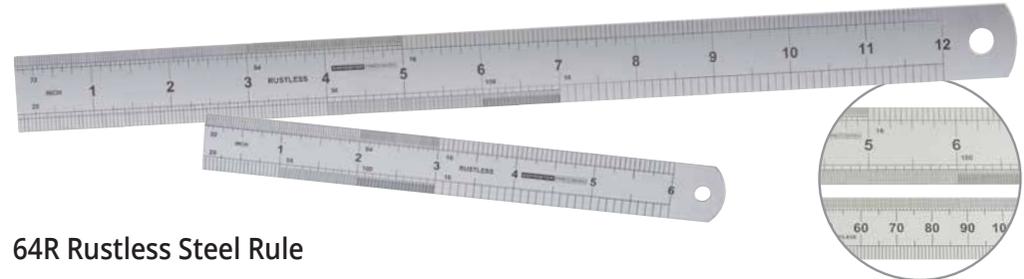
It's easy to read and complimented by an extra large end hook.

	Code
5m	340353
8m	340354

# AXMINSTER PRECISION RULES & SQUARES

## PRECISION RULES & SQUARES

The range of Axminster Precision rules and squares are sufficiently accurate to make them attractive to both engineers and woodworkers, who traditionally have worked to very different tolerances. Not only are they highly accurate, they've also been manufactured at a very reasonable price.



### 64R Rustless Steel Rule

**One side has metric graduations, with one edge in millimetres and the other in half millimetres, figured every 10mm.**

On the reverse side both edges have inch graduations, sub-divided into 1/16ths, 1/32nds, 1/64ths, 10ths, 20ths, 50ths and 100ths. The rule reads from zero, left to right on a satin chrome

finish for ease of reading and rust resistance. Available in 150 (6") and 300mm (12") options.

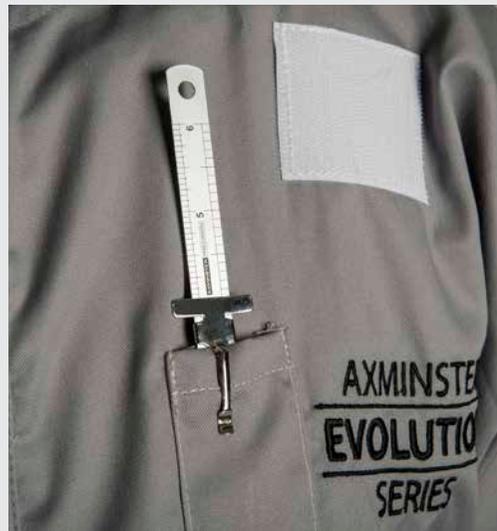
	Code
6"	101956
12"	101957

## FEATURES OF A TOP QUALITY RULE

Accuracy and the clarity of the measurements are the two prime features. All the Axminster rules and scaled squares are certified to EEC Class 1 standard and are accurate to +/- 1.1mm over 10m. The graduations are photo-chemically etched, black filled and marked in clear, easily read font. The material from which they're made is Japanese stainless steel, with an anti-glare, satin chrome finish.

## WHY USE PRECISION MEASURING EQUIPMENT?

Axminster Precision rules and squares are made to rigorous EEC standards and they can be relied upon across the complete range. Both the engineer and fine furniture maker now have access to rules and squares on which they can both depend for reliable, guaranteed accuracy.

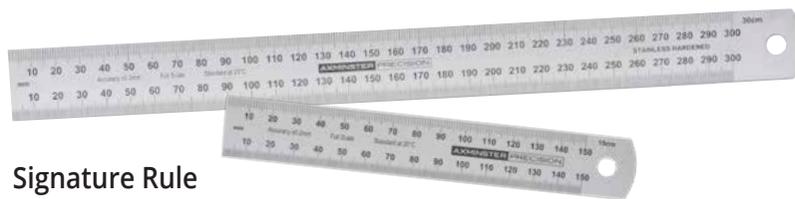


### Centre Finding Rule

**These rules are used to set out measurements to the left and right from the middle of a board.**

A centre finding rule is unique in having the zero mark in the middle with scales on either side to the left and right, but they can also be used as a standard rule along one side. Available in 300 and 600mm options.

	Code
300mm	101923
600mm	101924



### Signature Rule

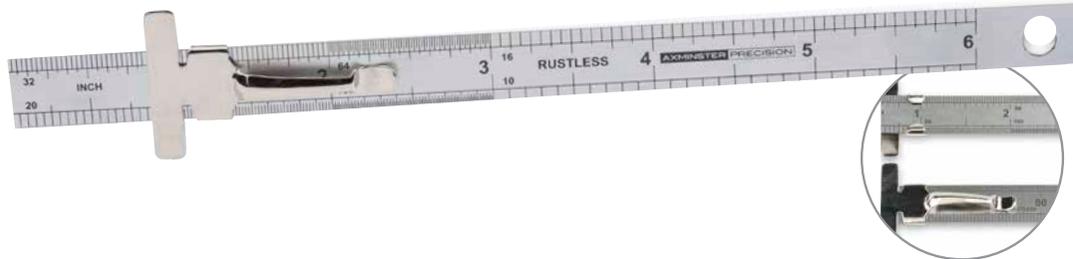
**The Axminster Precision Signature rule is high quality Japanese stainless steel, hardened and tempered with a satin chrome finish. The marks are photochemical etched for permanence and black filled for easier reading.**

The rule has metric graduations on both sides. Front: top edge half millimetres, bottom edge millimetres, reverse: top edge millimetres, bottom edge half millimetres. Both sides read from left to right from zero. Numbering is every 10mm in a clear and easily read font. The rule has a 'D' end with a hanging hole. The rule is 30mm wide

and 1.0mm thick, both long edges are ground flat and straight. Accuracy conforms to EEC class 1 (full scale, ±0.2mm at 20°C). Each rule is individually tested and marked with a unique serial number and includes a calibration certificate of accuracy with the matching serial number.

	Code
150mm	102299
300mm	101300

# AXMINSTER PRECISION RULES & SQUARES

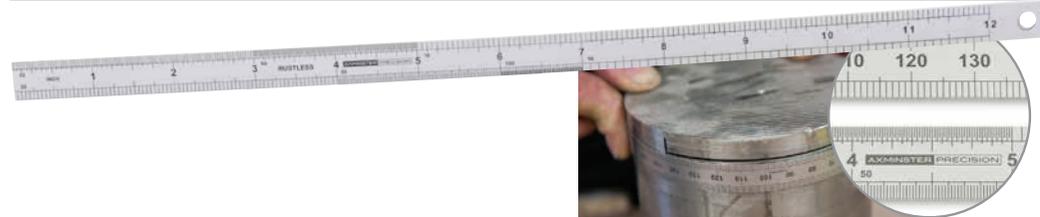


## 150mm Rule With Pocket Clip

A very useful 150mm long rule with a clip, making it convenient to keep in a pocket. The clip also means that the rule can also be used as a depth gauge.

The rule is 12mm wide and made from flexible stainless steel, with a millimetre scale on the top and an imperial scale on the lower edge. Both scales are EC accuracy class 1. The markings are black filled for ease of reading.

code: 101943



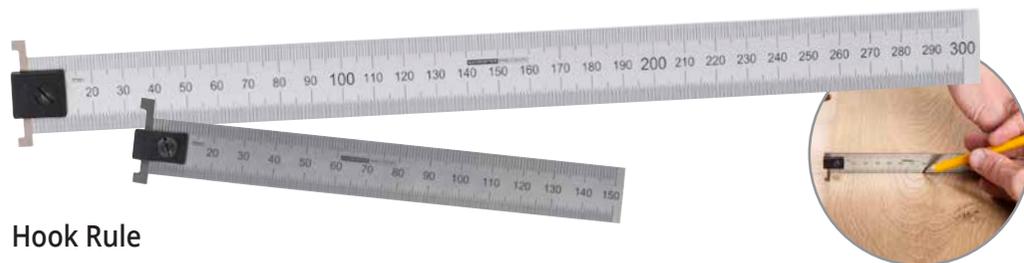
## Flexible Rule

This engineer's flexible steel rule is two sided with graduations on four edges. One side has metric graduations, with one edge in millimetres and the other in half millimetres, figured every 10mm. On the reverse side both edges have inch graduations, sub-divided into 1/16ths, 1/32nds, 1/64ths, 10ths, 20ths, 50ths and 100ths. The rule reads from zero, left to right.

It features a hanging hole for safe or convenient storage.

All graduations are photo-chemically etched, black filled and marked in a clear, easy to read font. The rule is 13mm wide, made from hardened and tempered Japanese stainless steel it has an anti-glare satin chrome finish. All our rules conform to EC accuracy class 1 standard, guaranteeing a high level of accuracy.

code: 101944



## Hook Rule

Measuring from an edge is always tricky as it's quite difficult to line up the end of the rule and the edge of the material. The Hook Rule solves this problem as it latches over the side of the workpiece, resulting in an exact 'one on one' datum.

The scale is double sided with whole millimeters at the top and half millimeters at the bottom, with the reverse side the other way

around. This means that accurate measurements can be taken from the top side of the rule in either whole or half millimetres. Available in 150 and 300mm options.

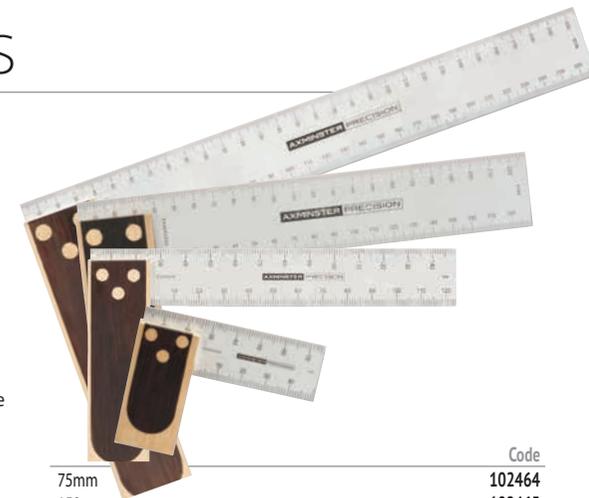
	Code
150mm	101941
300mm	101942

## Rosewood Square's with Metric Rule

A woodworker's square with the accuracy of an engineer's square.

Manufactured in accordance with British Standard BS3322/IS 4017, the squares are fully tested to a tolerance of less than 0.01mm/10mm blade length, both measuring with the inside and the outside. These Rosewood Squares are ideal for setting up guide fences on machines or checking the squareness of stock and the extra weight and accuracy sets them apart from all other woodworking squares. The stainless steel blades feature a millimetre scale on both sides and both edges. As with all our precision squares, they come supplied in a foam lined case.

Available in 75, 150, 225 and 300mm options.  
If you are not fully satisfied with these squares when setting up machinery, we will offer a full refund. think so we'll give you your money back.



	Code
75mm	102464
150mm	102465
225mm	102466
300mm	102467

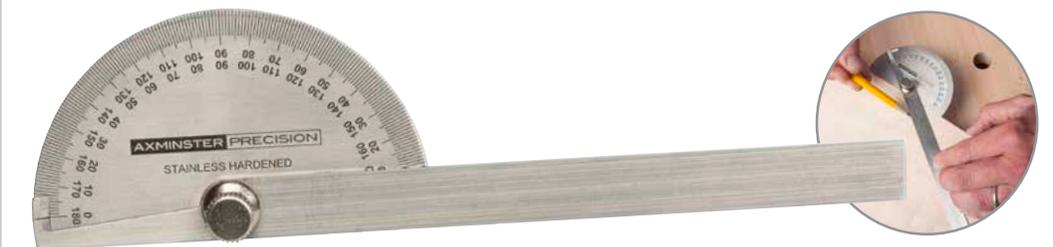
## Engineer's Square's

An engineer's square gives you four 90° angles: internal, external, outside blade to inside stock and inside blade to outside stock. Compare this to a carpenter's try square which only guarantees accuracy on the internal angle.

Our engineer's squares comprise a stainless steel blade, triple riveted into a steel stock. The hardened and tempered blade and the high quality steel stock are ground and polished for accuracy. Final polishing makes the rivets virtually invisible. All Axminster Precision Engineer's squares conform to DIN875/II, guaranteed square and straight. The size stated is from the inner edge of the stock to the tip of the blade. The small notch on the inside corner of the square prevents accumulations of dust and dirt, small burrs or saw whiskers on the workpiece affecting the accuracy of the reading. Supplied in a foam lined case.



	Code
100mm - 4"	102457
150mm - 6"	102461
200mm - 8"	102462
250mm - 10"	102463



## D Head Protractor

code: 102124

Made from stainless steel, the Axminster Precision Protractor takes the guesswork out of measuring and marking angles, transferring angles or setting bevells.

The protractor head has clearly etched graduations reading from 0° to 180° left to right and right to left. The pointer has an etched mark on a bevelled edge to avoid errors due to parallax. The 145mm adjustable protractor arm locks firmly into position with knurled thumb nut. Head length 90mm, arm length 145mm.