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Rider **Quality Woodworking Tools**

The current Rider range of woodworking tools and equipment comprises seven bench planes with rosewood handles and solid brass fittings, five block planes together with several specialist planes. There's also a wide selection of chisels with hornbeam and soft grip handles. Finally, there's the Sharpening Station with a Honing Guide and Double Sided Bench Stone.

This isn't the end of the story though, because the Rider range is one of where new products are being continuously developed. Expect to see new additions introduced as and when they become available!

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RIDER PLANES - A BUYER'S GUIDE

Each plane has been designed and developed by Axminster. From the handles to the blades, every part has been tried and tested to give you the best performance from your plane.

With every popular style of plane available, each one is made from high quality ductile iron, which possesses high strength, is impact resistant and far less prone to corrosion than ordinary cast grey iron. Even better news is that each blade supplied with the plane comes honed with a secondary bevel, meaning you can start planing straight out of the box!

We are confident that our range of Axminster Rider planes represents a good standard in traditional, quality plane manufacture and great value.

WELL-MADE, AFFORDABLE HAND TOOLS

Axminster Rider planes only require the bare minimum of initial preparation, a wipe down to remove the protective coating and checking the set. For an in-depth guide to maintaining, sharpening and adjusting your plane please read our instruction booklet.

AXMINSTER RIDER PLANES

We are confident that the range of Axminster Rider planes represents a good standard in traditional, quality plane manufacture and great value.

Axminster Rider planes are aimed squarely at professional woodworkers, tradespeople, apprentices, enthusiastic hobbyists and home owners. Every one of them will appreciate these well-made, affordable hand tools. Tools made with care and attention to fine detail, setting them apart from the run of the mill.

Ductile iron body, rosewood handle and brass fittings

The raw material for all Axminster Rider planes is high quality ductile iron. Ductile iron possesses high strength, impact resistance and is far less prone to corrosion than ordinary cast grey iron especially with the addition of both copper and nickel. Casting takes place in a modern, computerised foundry. On removal from the mould, the raw castings are then left outdoors for several months to condition or age.

Conditioning removes internal stresses from the casting process ensuring the plane's body is stable before machining and surface grinding. When the machining process has been completed, all Axminster Rider planes will have soles ground to 0.04mm or ± 1.6 thou" tolerance. The bench planes have oil-finished selected rosewood handles from a sustainable managed source. The cap iron and other quality fittings on the planes are solid brass, an ideal material for moving parts.

Ready to take shavings, straight out of the box

The most important feature of all Axminster Rider planes is the blade. The bench plane blades are finished to a minimum of 2.8mm thick, surface ground on the reverse to ensure flatness. Each blade is oil quenched, high carbon spring steel, hardened and tempered to HRC 63. After grinding the primary bevel, a secondary micro bevel ensures every blade is ready to go from the moment the plane arrives in your workshop.

WHAT'S IN THE BOX?

All planes undergo careful inspection in our workshop in Axminster prior to packaging.

Spare Blade

Each bench plane comes in a foam lined storage box, which also contains a spare blade.

Fabric Storage Sock

A sock is supplied with bench and block planes providing extra protection from knocks or bumps encountered in the workshop or toolbox.

User Guide

A comprehensive instruction booklet, containing details of how to care for your plane and hone the blade, accompanies all planes.

Specialist Planes

These are simply packed into their storage box.

BENCH PLANES

The smallest bench plane in the range is the No. 4 Smoothing Plane; this is probably the most common size and is generally used for taking finer cuts prior to finishing.

The No. 5 is universally called a Jack Plane, derived from the expression 'jack of all trades' and would be used to flatten, size and square the workpiece. The No. 6 Fore Plane can be used for swift stock removal similar to a Jack Plane or it can be used to true up longer edges where high spots can be levelled out. The No. 7 Try or Jointer is now the longest bench plane made and is used to remove the last shavings to level the joining surfaces of a pair of boards.

BLOCK PLANES

There are five block planes and all use a single cutter that's mounted with the ground bevel uppermost. The blade is bedded either at 20° (9½ and 9½ Deluxe) or 13.5° (69½, 60½ and 60½ Deluxe).

The lower angle block plane is generally intended for end grain work, as the blade will slice more easily through the fibres. Block planes are intended to be used one handed, though whichever one is chosen it's bound to be an almost indispensable part of the tool kit and used for all types of small, fine work.

SHOULDER PLANES

There are four shoulder planes in the Axminster Rider range, a No. 90 Bull Nose Plane and No. 92 Shoulder Plane, each with an adjustable mouth. There is also a pair of identical planes with removable front sections.

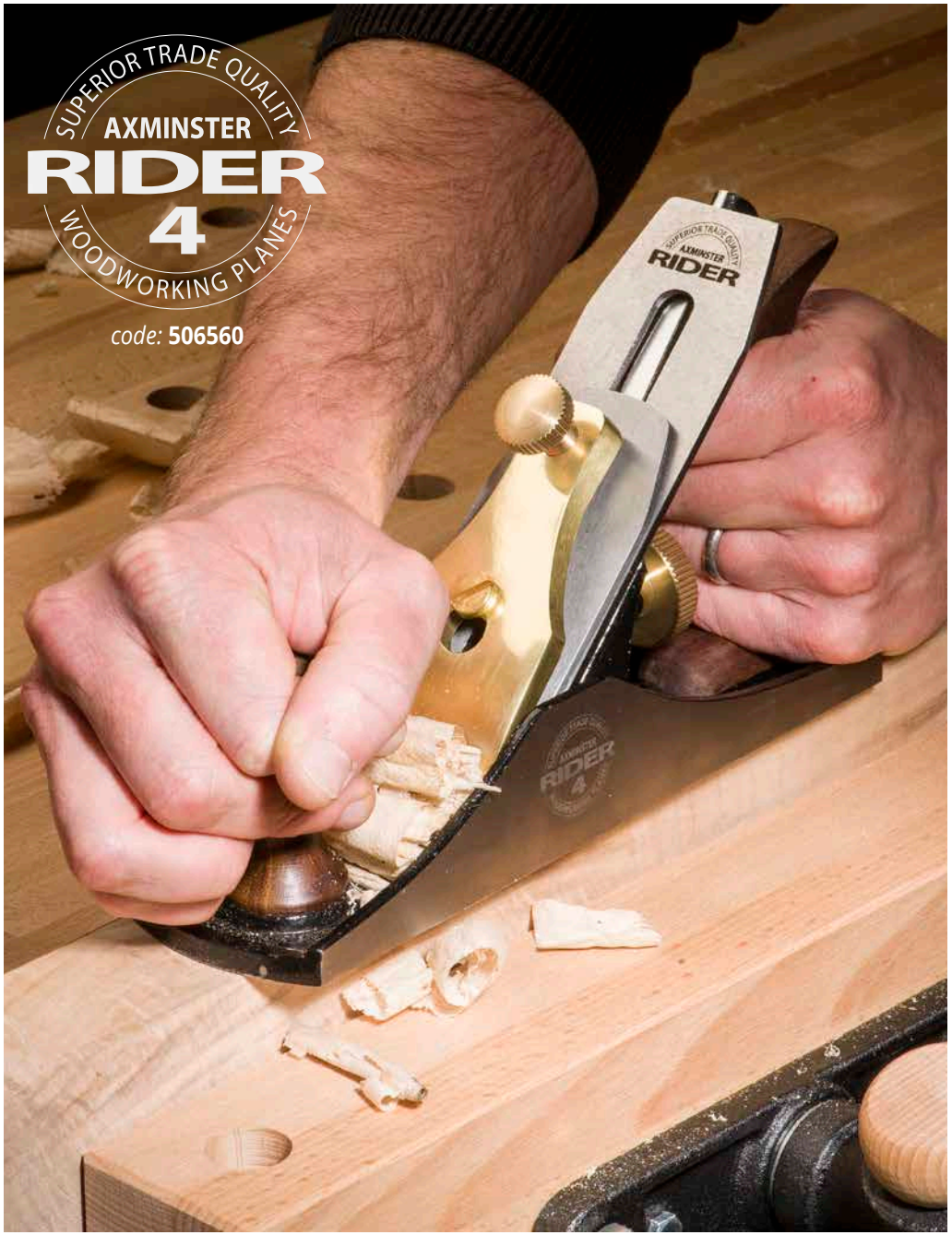
The No. 211 can either be used as a bull nose or chisel plane whilst the No. 311 can also be used as a full sized shoulder plane. Each of these multi-purpose planes is fitted with a bronze lever cap that fits comfortably into the palm of the user's hand.

SPECIALIST PLANES

There are a number of specialist planes in the Axminster Rider range, the first of which is the traditional pattern No. 778 Rebate Plane, with twin rods to support the adjustable fence. It's designed to cut rebates up to 38mm wide and the blade can be located either at the front (to work into a corner) or in the usual centre position.

A useful addition to the range is the No. 80 Cabinet Scraper used to smooth surfaces such as panels and table tops without tear out, digging in or gouges in the surface. It can also be used where tricky grain prevents the use of a smoothing plane. Two adjustable spokeshaves are included as well, the No. 151C with a curved sole for concave shapes and the No. 151F for flat work or convex curves. The final specialist plane is the No. 271 Small Router Plane that is an excellent choice for levelling the bottom of grooves and housings.

BENCH PLANES - RIDER NO. 4 SMOOTHING PLANE



- *For surface finishing and final smoothing*
- *245mm(9-1/2") long with a 50mm(2") wide blade*
- *Sole ground to ± 0.04mm (0.0016")*
- *Ductile, cast iron body, Indian rosewood handles*
- *Honed 3mm thick, O1 high carbon steel blade*
- *Supplied with a spare blade and a plane sock*

The No.4 smoother is a good starting point for those new to woodworking. All Rider planes are good quality and suitable for professional site or bench use. A No.4 is a handy size and weight for finishing and final smoothing as well a general-purpose plane.

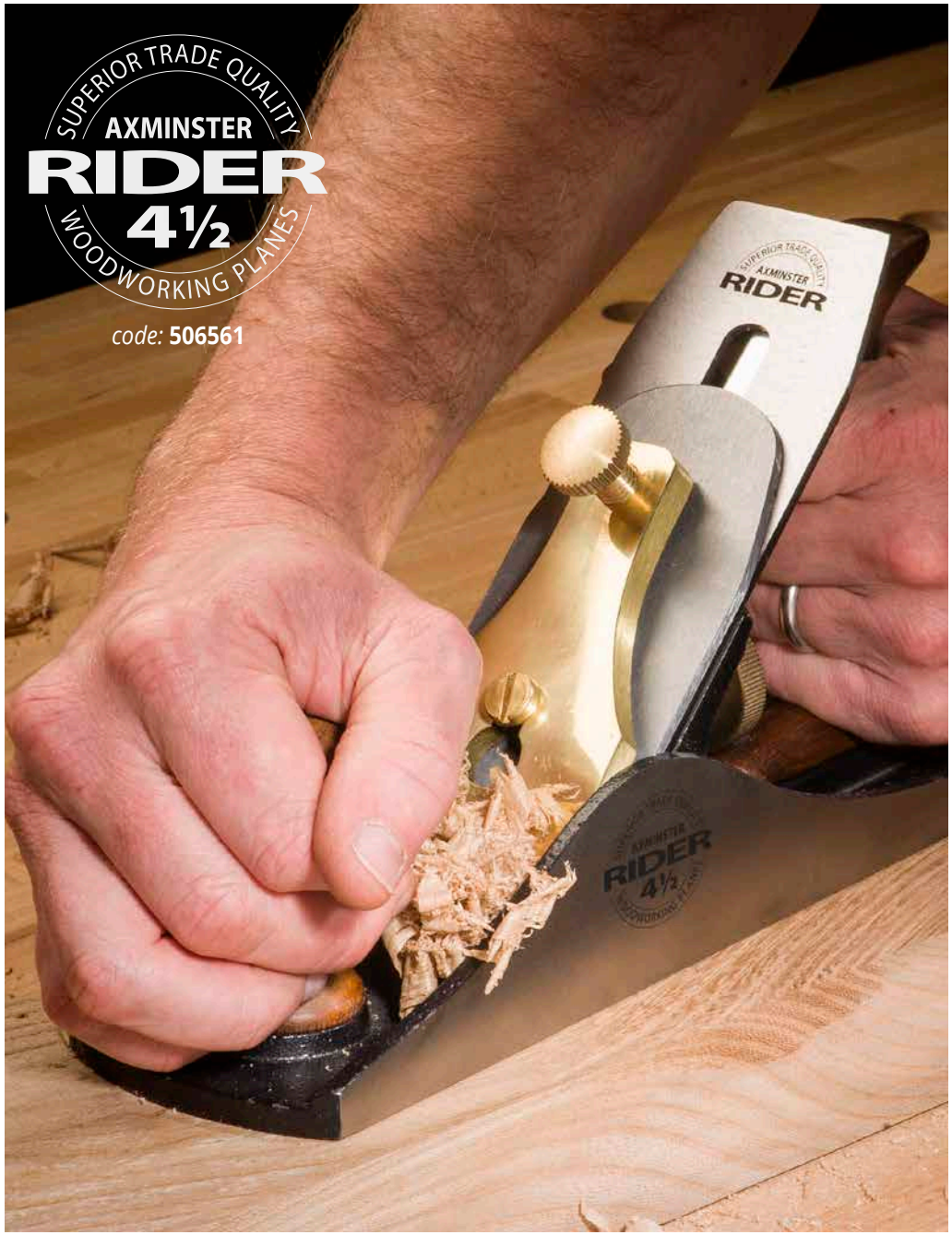
Well made, the Rider version has many excellent features. The main casting is ductile iron chosen for its high strength and impact resistance. It has an adjustable frog, depth and lateral blade control and Indian rosewood handles. The cap iron and other quality fittings on the planes are solid brass, an ideal material for moving parts.

The sole is 245mm(9-1/2") long with a 50mm(2") wide blade. The sole of the plane is flat and accurate to ± 0.04mm (0.0016").

Rider planes only require the bare minimum of initial preparation. The blade comes honed with a secondary bevel ready to take shavings. Each blade is oil quenched, high carbon spring steel, hardened and tempered to HRC 63.

Every plane undergoes careful inspection in Axminster to ensure consistent quality. The No.4 comes with a spare blade, plane sock and instruction booklet. We are confident that Axminster Rider planes represent a good standard in traditional, quality plane manufacture and great value.

BENCH PLANES - RIDER NO. 4½ SMOOTHING PLANE



- *For surface finishing and final smoothing*
- *255mm(10") long with a 60mm(2-3/8") wide blade*
- *Sole ground to ± 0.04mm (0.0016")*
- *Ductile, cast iron body, Indian rosewood handles*
- *Honed 3mm thick, O1 high carbon steel blade*
- *Supplied with a spare blade and a plane sock*

The No. 4 1/2 has the heft to help finely smooth, even the most difficult grain. All Rider planes are good quality and suitable for home or professional site or bench use. A No. 4 1/2 with its wide blade can cover a greater area in fewer strokes.

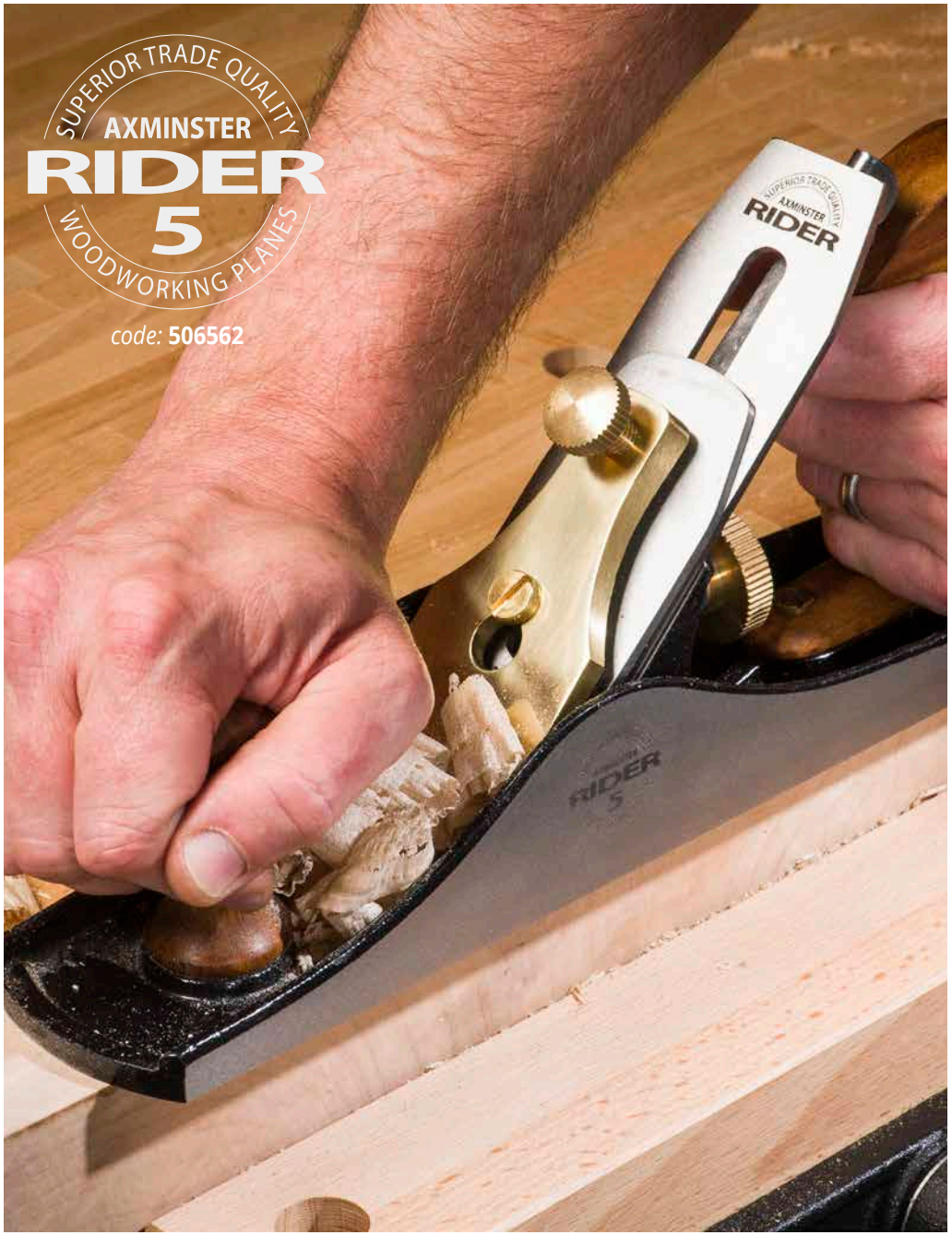
Well made, the Rider No.4 1/2 has many excellent features. The main casting is ductile iron chosen for its high strength and impact resistance. It has an adjustable frog, depth and lateral blade control and Indian rosewood handles. The cap iron and other quality fittings on the planes are solid brass, an ideal material for moving parts.

The sole is 255mm (10") long with a 60mm (2-3/8") wide blade. The sole of the plane is flat and accurate to +/- 0.04mm (0.0016").

Rider planes only require the bare minimum of initial preparation. The blade comes honed with a secondary bevel ready to take shavings. Each blade is oil quenched, high carbon spring steel, hardened and tempered to HRC 63.

Every plane undergoes careful inspection in Axminster to ensure consistent quality. The No. 4 1/2 comes with a spare blade, plane sock and instruction booklet. We are confident that Axminster Rider planes represent a good standard in traditional, quality plane manufacture and great value.

BENCH PLANES - RIDER NO. 5 JACK PLANE



- *Most versatile plane, for preparing timber and stock removal*
- *355mm(14") long with a 50mm(2") wide blade*
- *Sole ground to ± 0.04mm (0.0016")*
- *Ductile, cast iron body, Indian rosewood handles*
- *Honed 3mm thick, O1 high carbon steel blade*
- *Supplied with a spare blade and a plane sock*

The No.5 is usually the first plane used on rough sawn timber. All Rider planes are good quality and suitable for home or professional site or bench use. A No.5 is very versatile, used to flatten, size, square and smooth.

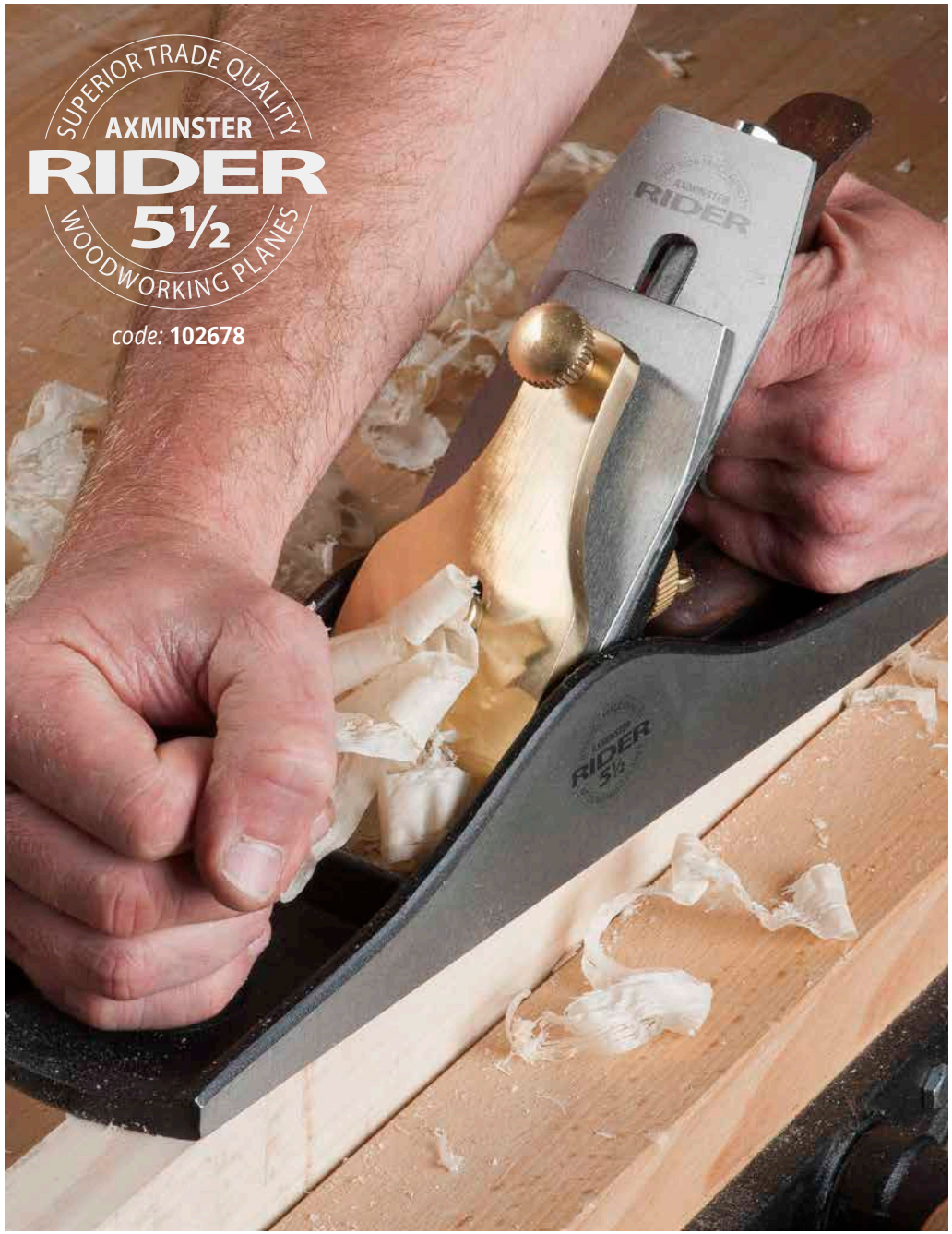
Well made, the Rider version has many excellent features. The main casting is ductile iron chosen for its high strength and impact resistance. It has an adjustable frog, depth and lateral blade control and Indian rosewood handles. The cap iron and other quality fittings on the planes are solid brass, an ideal material for moving parts.

The sole is 355mm (14") long with a 50mm (2") wide blade. The sole of the plane is flat and accurate to +/- 0.04mm (0.0016").

Rider planes only require the bare minimum of initial preparation. The blade comes honed with a secondary bevel ready to take shavings. Each blade is oil quenched, high carbon spring steel, hardened and tempered to HRC 63.

Every plane undergoes careful inspection in Axminster to ensure consistent quality. The No.5 comes with a spare blade, plane sock and instruction booklet. We are confident that Axminster Rider planes represent a good standard in traditional, quality plane manufacture and great value.

BENCH PLANES - RIDER NO. 5½ JACK PLANE



- *Versatile; flattening panels, jointing boards and general preparation*
- *375mm(14-3/4") long with a 60mm(2-3/8") wide blade*
- *Sole ground to ± 0.04mm (0.0016")*
- *Ductile, cast iron alloy body, Indian rosewood handles*
- *Honed 3mm thick, O1 high carbon steel blade*
- *Supplied with a spare blade and a plane sock*

The No. 5 1/2, as the name suggests, is halfway between a No. 5 and a No. 6. Compared to the No. 5, its longer length and wider blade make a better choice for flattening boards and truing panels. The extra mass gives it more heft, a great help when doing the initial surface preparation on a board. At the same time, being slightly lighter and shorter than its larger cousin, it is more manageable, and yet equally as good for fore-plane work. The 5 1/2 makes an excellent choice for use on a shooting board.

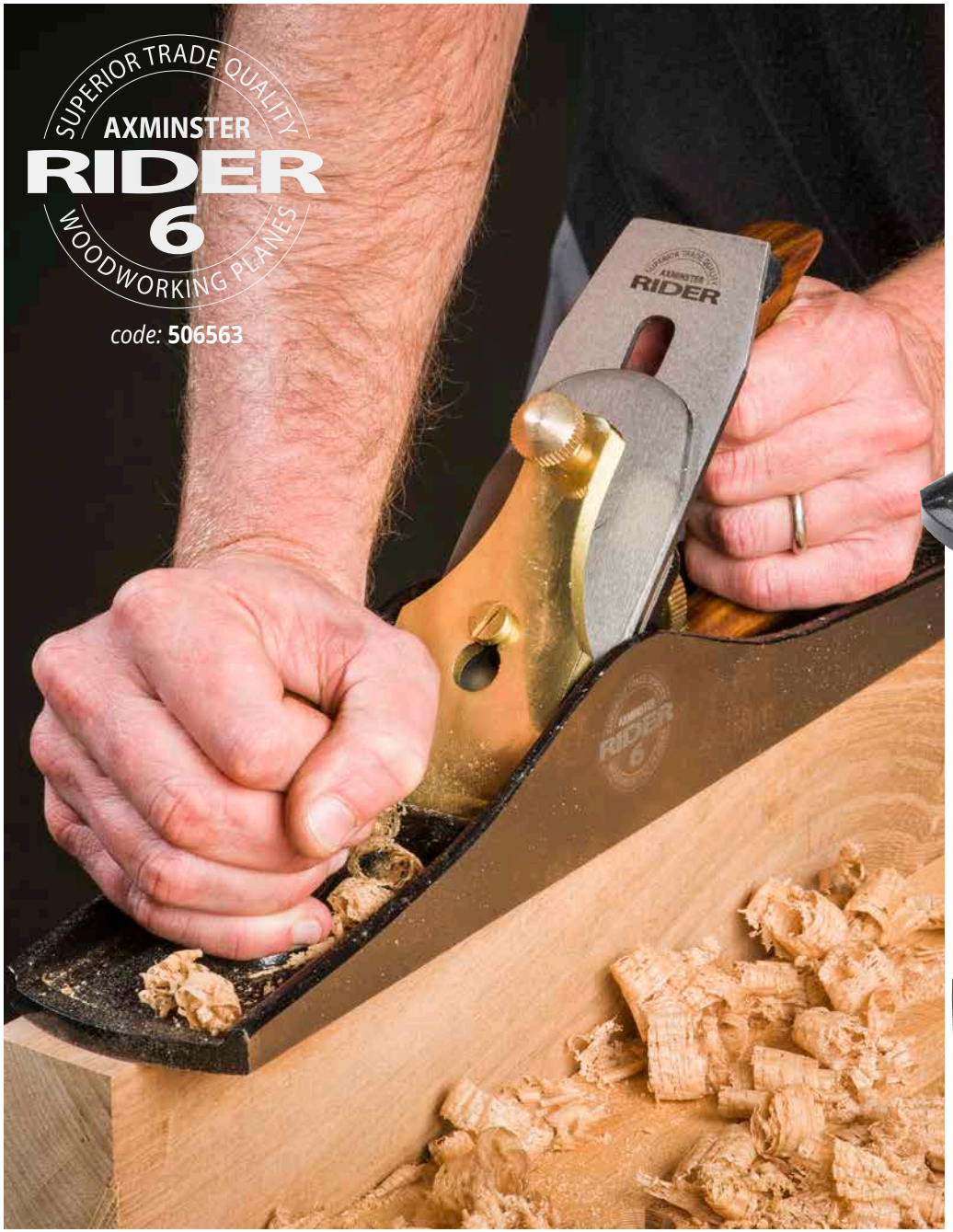
This Rider version has many excellent features. The main casting is a ductile iron alloy, chosen for its high strength and its impact and high corrosion resistant properties. It has an adjustable frog, depth and lateral blade control and Indian rosewood handles. The cap iron and other quality fittings on the planes are solid brass, an ideal material for moving parts.

The sole is 375mm (14-3/4") long with a 60mm (2-3/8") wide blade. The sole of the plane is flat and accurate to ± 0.04mm (0.0016").

Rider planes only require the bare minimum of initial preparation. The blade comes honed with a secondary bevel ready to take shavings. Each blade is oil quenched, high carbon spring steel, hardened and tempered to HRC 63.

Every plane undergoes careful inspection in Axminster to ensure consistent quality. The No. 5 1/2 comes with a spare blade, plane sock and instruction booklet. We are confident that Axminster Rider planes represent a good standard of traditional, quality plane manufacture and great value.

BENCH PLANES - RIDER NO. 6 FORE PLANE



code: **506563**

- *A plane for rapid stock removal and initial flattening of boards*
- *460mm (18") long with a 60mm (2-3/8") wide blade*
- *Sole ground to ± 0.04mm (0.0016")*
- *Ductile, cast iron body, Indian rosewood handles*
- *Honed 3mm thick, O1 high carbon steel blade*
- *Supplied with a spare blade and a plane sock*

The No.6 is a dual-purpose plane; used for quick stock removal similar to a Jack or for truing up edges, or levelling wide boards. All Rider planes are good quality and suitable for home or professional site or bench use. Originally the No.6 was used for timber preparation be-FORE any other plane.

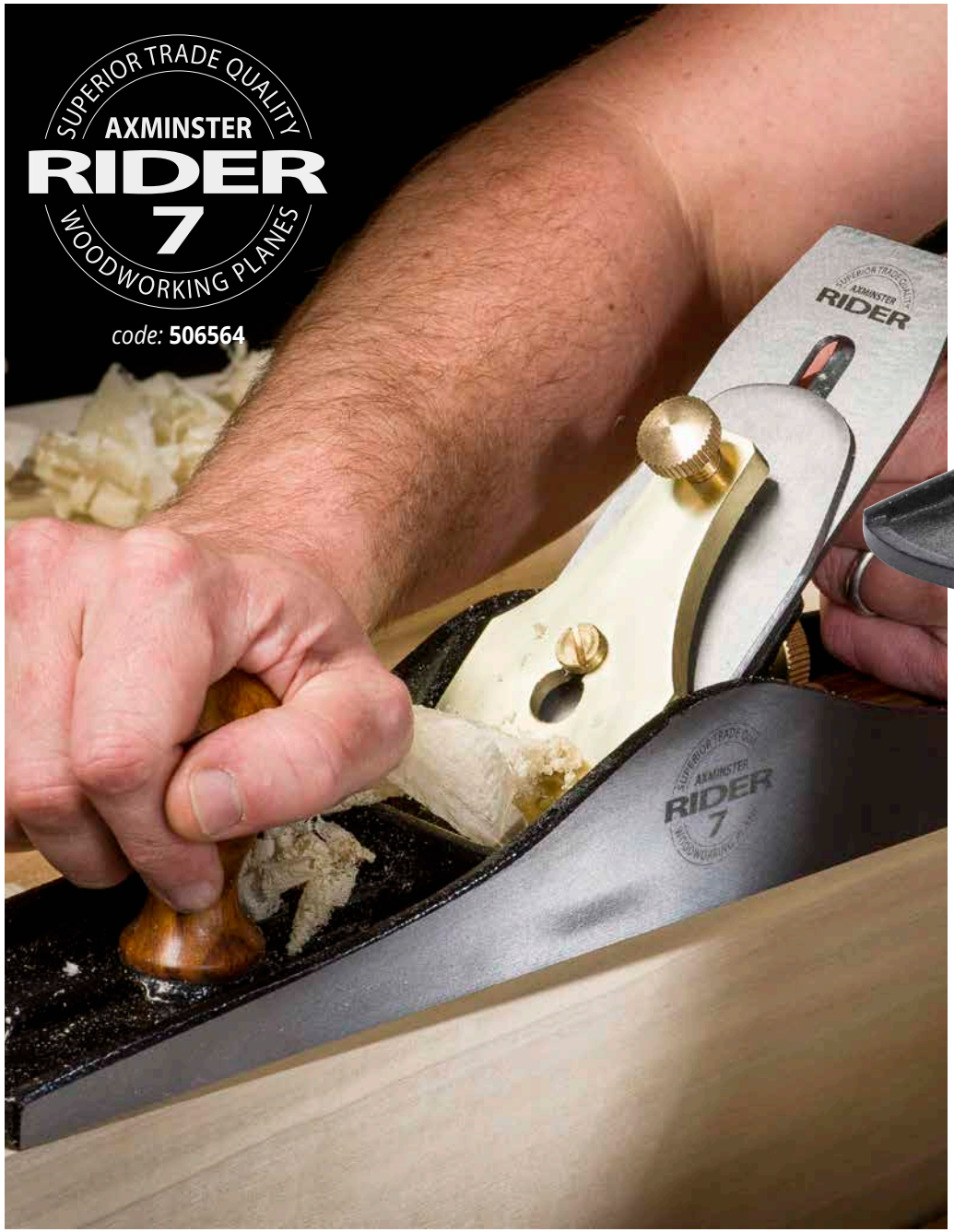
Well made, the Rider version has many excellent features. The main casting is ductile iron chosen for its high strength and impact resistance. It has an adjustable frog, depth and lateral blade control and Indian rosewood handles. The cap iron and other quality fittings on the planes are solid brass, an ideal material for moving parts.

The sole is 460mm (18") long with a 60mm (2-3/8") wide blade. The sole of the plane is flat and accurate to +/- 0.04mm (0.0016"). At 3.5kg (7-3/4 lb), it provides the mass to easily remove thicker shavings.

Rider planes only require the bare minimum of initial preparation. The blade comes honed with a secondary bevel ready to take shavings. Each blade is oil quenched, high carbon spring steel, hardened and tempered to HRC 63.

Every plane undergoes careful inspection in Axminster to ensure consistent quality. The No.6 comes with a spare blade, plane sock and instruction booklet. We are confident that Axminster Rider planes represent a good standard in traditional, quality plane manufacture and great value.

BENCH PLANES - RIDER NO. 7 JOINTER PLANE



- *A long plane designed to produce a straight edge or flat surface*
- *The plane is 560mm(22") long with a 60mm(2-3/8") blade*
- *Sole ground to ± 0.04mm (0.0016")*
- *Ductile, cast iron body, Indian rosewood handles*
- *Honed 3mm thick, O1 high carbon steel blade*
- *Supplied with a spare blade and a plane sock*

The No. 7, the longest of the Rider planes levels the bumps and hollows to leave a true edge prior to jointing. All Rider planes are good quality and suitable for home or professional site or bench use. The No. 7 is useful for the final flattening of a surface before using a smoothing plane.

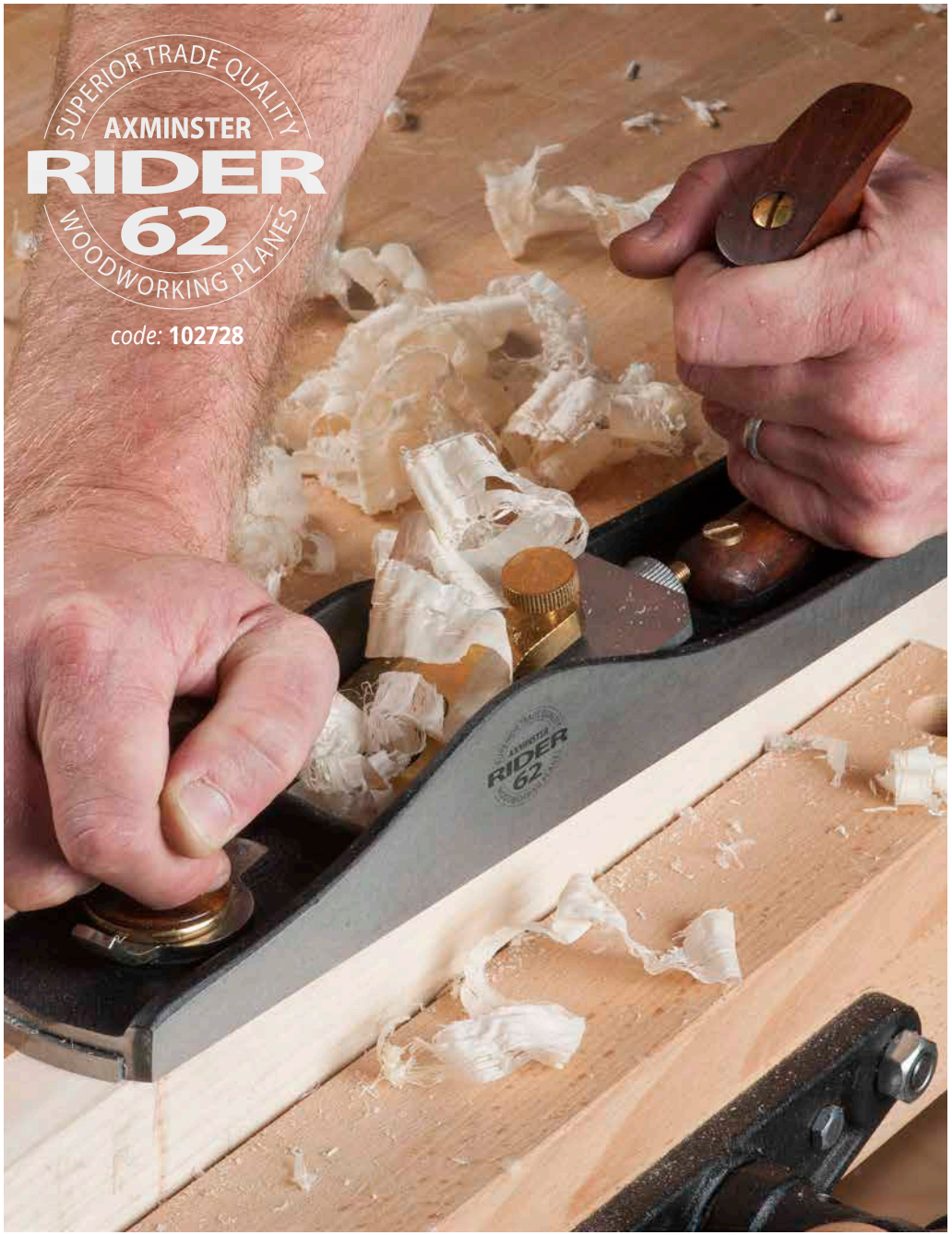
Well made, the Rider version has many excellent features. The main casting is ductile iron chosen for its high strength and impact resistance. It has an adjustable frog, depth and lateral blade control and Indian rosewood handles. The cap iron and other quality fittings on the planes are solid brass, an ideal material for moving parts.

The sole is 560mm (22") long with a 60mm (2-3/8") wide blade. The sole of the plane is flat and accurate to +/- 0.04mm (0.0016"). At 4.2kg (9-1/2lb) it slices through knots and difficult grain.

Rider planes only require the bare minimum of initial preparation. The blade comes honed with a secondary bevel ready to take shavings. Each blade is oil quenched, high carbon spring steel, hardened and tempered to HRC 63.

Every plane undergoes careful inspection in Axminster to ensure consistent quality. The No. 7 comes with a spare blade, plane sock and instruction booklet. We are confident that Axminster Rider planes represent a good standard in traditional, quality plane manufacture and great value.

BENCH PLANES - RIDER NO. 62 LOW ANGLE JACK PLANE



- *Blade bedded at 12° with bevel-up, superior finish on end grain*
- *Ideal plane to use on a shooting board*
- *5mm thick high carbon steel blade eliminates chatter*
- *Adjustable mouth for control in either light or heavy cuts*
- *Ductile cast iron alloy body, brass lever cap, smooth wooden handles*
- *Supplied with a spare blade and a plane sock*

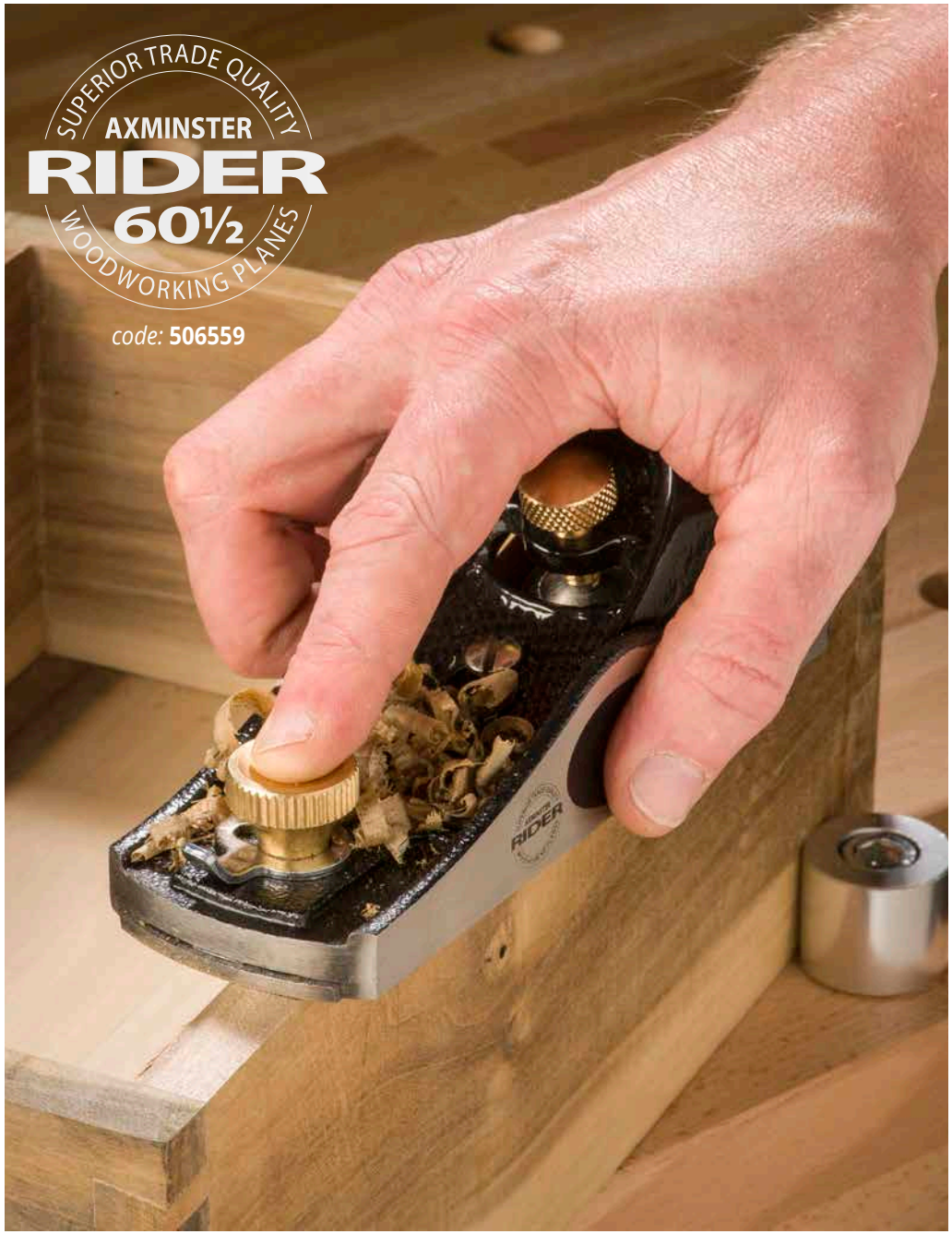
The No. 62 is a low angle jack plane. First produced in the early 20th century by Stanley, it was originally intended for use on end grain and stock removal. The original Stanley plane was not without it's faults, but modern design and production methods means that the Axminster Rider No.62 is an enormous improvement.

The bed angle (12°), bevel-up blade, depth adjustment and adjustable mouth are all features reminiscent of superior block planes. The No. 62 performs exceptionally well when used on a shooting board. The 12° bed combined with a bevel angle of 25° gives you an effective cutting angle of 37°. The chunky blade is 5mm thick and able to slice through timber easily without fear of chatter. The micro depth adjuster combined with an adjustable mouth gives you complete control to produce the thinnest of shavings and leave the silkiest of surfaces. One of the key features the No. 62 has over other bench planes is the easily adjustable mouth, meaning that timber tear out can be kept to a minimum. Grinding steeper bevels on the blade gives you the option of using the No. 62 for working difficult grain where tear-out could be a problem.

This Rider version has many excellent features. The main casting is a ductile iron alloy, chosen for its high strength as well as its impact and high corrosion resistant properties. The cap iron and other quality fittings on the No.62 are solid brass, an ideal material for moving parts. The sole is 350mm (14") long with a 50mm (2") wide, 5mm thick blade. The sole of the plane is flat and accurate to ± 0.04mm (0.0016") , weight 2.24kg (4lbs 15oz).

Rider planes only require the bare minimum of preparation. The blade comes honed with a secondary bevel ready to take shavings. Each blade is oil quenched, high carbon steel, hardened and tempered to HRC 63. Every plane undergoes careful inspection in Axminster to ensure consistent quality. The No. 62 comes with a spare blade, plane sock and instruction booklet. We are confident that Axminster Rider planes represent a good standard of traditional, quality plane manufacture and great value.

BLOCK PLANES - RIDER NO. 60½ LOW ANGLE PLANE



- *Blade seated at an angle of 13.5°, useful for end grain work*
- *Adjustable mouth for fine or coarser work*
- *Micro-adjustable depth of cut for complete control*
- *Sole ground to ± 0.04mm (0.0016")*
- *Honed 3mm thick, O1 high carbon steel blade*
- *Supplied with a plane sock for protection*

The No. 60 1/2 Low Angle Block Plane has its blade seated at an angle of 13.5°, making it particularly useful for end grain work and equally as effective for general usage. All Rider planes are good quality and suitable for home, professional site or bench use. The No. 60 1/2 is easy and comfortable to use for numerous trimming and fitting tasks.

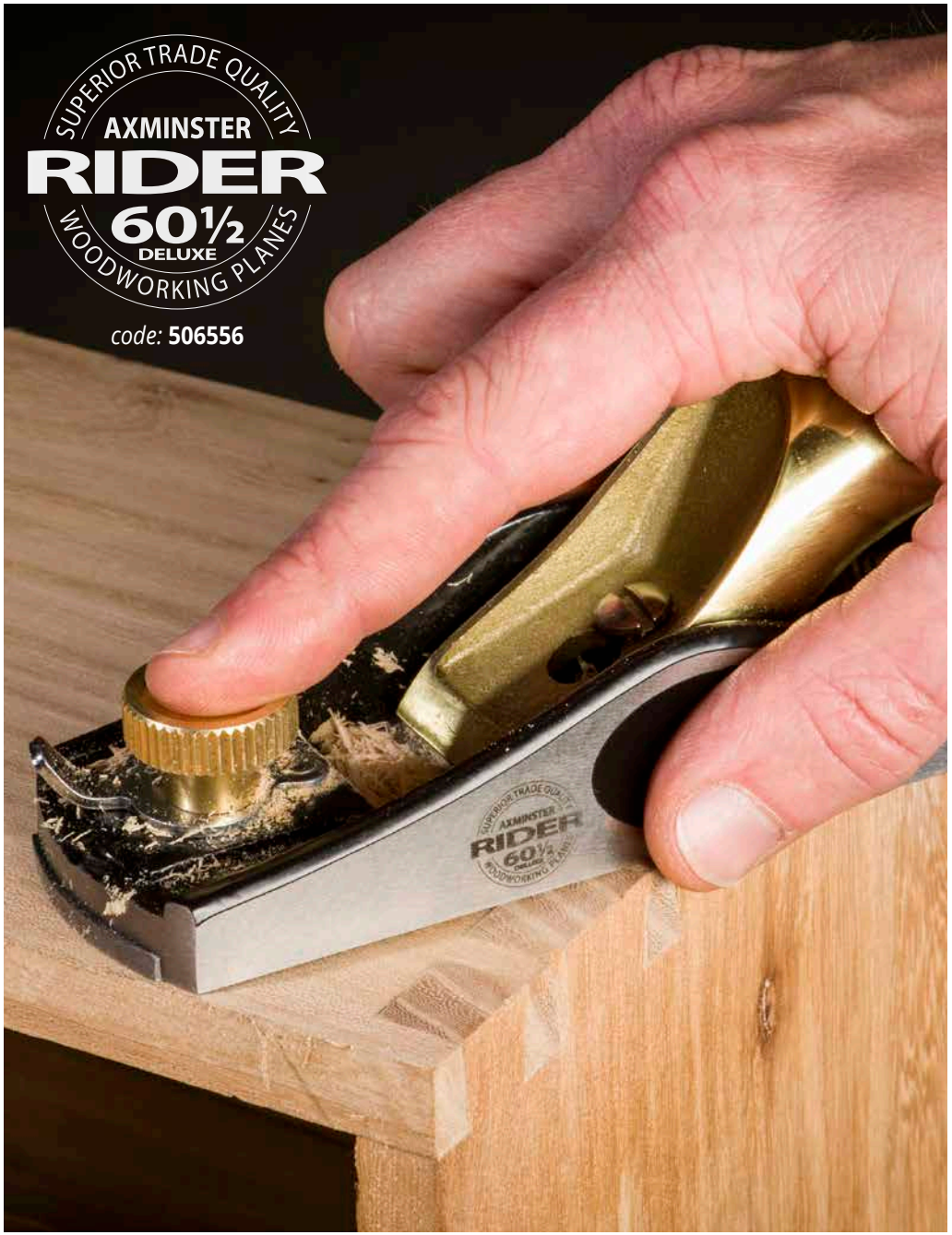
Well made, the Rider version has many excellent features. The main casting is ductile iron chosen for its high strength and impact resistance. It has an adjustable mouth for fine or coarser work. The plane features micro depth adjustment and lateral blade control to achieve the thinnest of shavings.

The sole is 155mm(6-1/8") long with a 35mm(1.1/8") wide blade. The sole of the plane is flat and accurate to +/- 0.04mm (0.0016"). At 800g (1-3/4lb), its lightweight and small size make it very manageable.

Rider planes only require the bare minimum of initial preparation. The blade comes honed with a secondary bevel ready to take shavings. Each blade is oil quenched, high carbon spring steel, hardened and tempered to HRC 63.

Every plane undergoes careful inspection in Axminster to ensure consistent quality. The No. 60 1/2 comes with a plane sock and instruction booklet. We are confident that Axminster Rider planes represent a good standard in traditional, quality plane manufacture and great value.

BENCH PLANES - RIDER NO. 60½ DELUXE PLANE



- *Solid cast and polished bronze cap*
- *Bronze gives a little extra heft and comfort in the hand*
- *Micro-adjustable depth of cut for complete control*
- *Sole ground to ± 0.04mm (0.0016")*
- *Honed 3mm thick, O1 high carbon steel blade*
- *Supplied with a plane sock for protection*

This is a fine example of the enduringly popular 60 1/2 pattern low angle block plane. This 60 1/2 Deluxe has that little bit extra heft about it, especially with its polished bronze cap. The blade is used bevel-up bedded at 13.5°, giving great performance especially on end grain and soft woods. All Rider planes are good quality and suitable for home, professional, site or bench use.

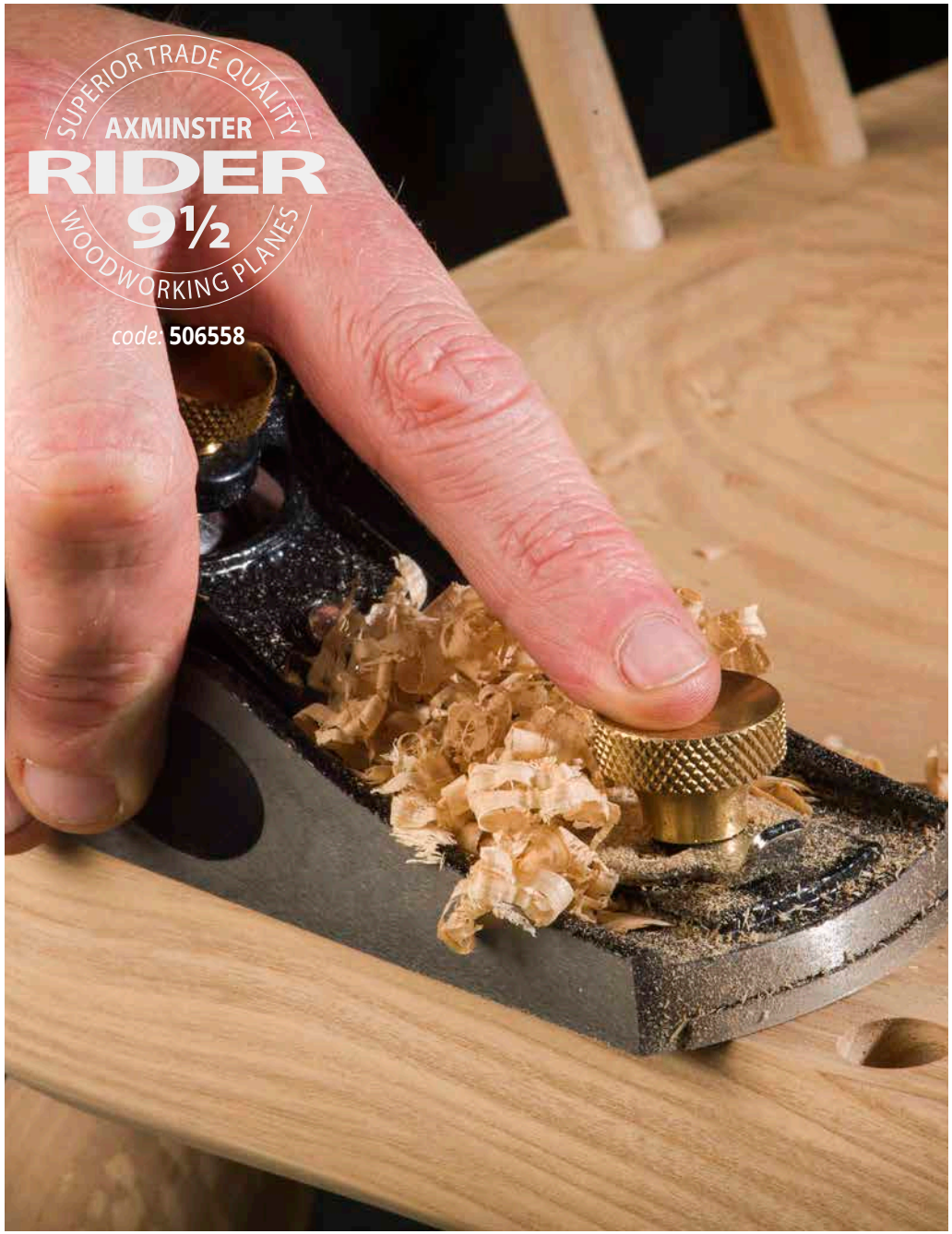
Well made, the Rider version has many excellent features. The main casting is ductile iron chosen for its high strength and impact resistance. It has an adjustable mouth for fine or coarser work. The plane features micro depth adjustment and lateral blade control to achieve the thinnest of shavings.

The sole is 155mm (6-1/8") long with a 35mm (1.1/8") wide blade. The sole of the plane is flat and accurate to +/- 0.04mm (0.0016"). Weighing only 815g (1lb 13oz), it is almost indispensable for most small trimming tasks.

Rider planes only require the bare minimum of initial preparation. The blade comes honed with a secondary bevel ready to take shavings. Each blade is oil quenched, high carbon spring steel, hardened and tempered to HRC 63.

Every plane undergoes careful inspection in Axminster to ensure consistent quality. The No. 60 1/2 Deluxe comes with a plane sock and instruction booklet. We are confident that Axminster Rider planes represent a good standard in traditional, quality plane manufacture and great value.

BLOCK PLANES - RIDER NO. 9½ STANDARD PLANE



- *Blade seated at an angle of 20°, bevel uppermost*
- *Adjustable mouth for fine or coarser work*
- *Micro-adjustable depth of cut for complete control*
- *Sole ground to ± 0.04mm (0.0016")*
- *Honed 3mm thick, O1 high carbon steel blade*
- *Supplied with a plane sock for protection*

The No. 9 1/2 Standard Angle Block Plane has its blade seated at an angle of 20°. The blade is used bevel-up giving an ideal cutting angle of 45, good for all sorts of planing jobs. All Rider planes are good quality and suitable for home, professional, site or bench use. The No. 9 1/2 is easy and comfortable to use, the well-rounded cap fits nicely in your hand.

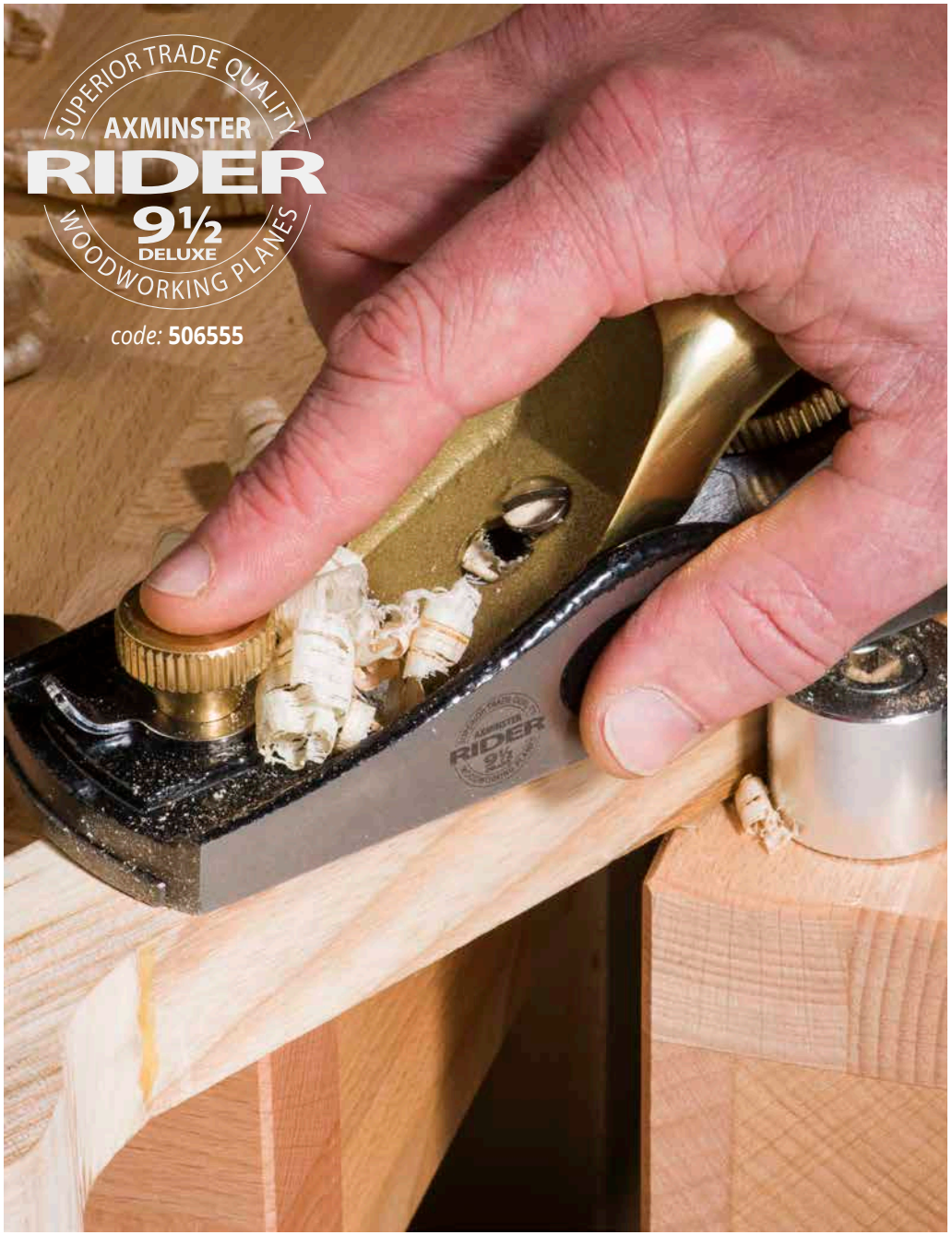
Well made, the Rider version has many excellent features. The main casting is ductile iron chosen for its high strength and impact resistance. It has an adjustable mouth for fine or coarser work. The plane features micro depth adjustment and lateral blade control to achieve the thinnest of shavings.

The sole is 155mm (6-1/8") long with a 41mm (1.5/8") wide blade. The sole of the plane is flat and accurate to +/- 0.04mm (0.0016"). Weighing only 950g (2lb), it is one of the most useful planes in the woodworker's armoury.

Rider planes only require the bare minimum of initial preparation. The blade comes honed with a secondary bevel ready to take shavings. Each blade is oil quenched, high carbon spring steel, hardened and tempered to HRC 63.

Every plane undergoes careful inspection in Axminster to ensure consistent quality. The No. 9 1/2 comes with a plane sock and instruction booklet. We are confident that Axminster Rider planes represent a good standard in traditional, quality plane manufacture and great value.

BENCH PLANES - RIDER NO. 9½ DELUXE PLANE



- *A real workhorse, used for innumerable planing and trimming jobs*
- *Cast and polished solid bronze cap, adds weight and feel*
- *Accurately machined cast iron body, solid brass fittings,*
- *Adjustable mouth, narrow for fine work, wide for thicker shavings*
- *155mm(6-1/8") long, blade width is 41mm(1-5/8"), 20° blade angle*
- *Thick, O1 steel blade, minimises risk of chatter*

T hey don't get much better than our example of the No. 9 1/2 pattern standard angle block plane, they don't get much better. This No. 9 1/2 Deluxe plane has a cast and polished bronze cap, which adds a little more weight behind the cutter. The cap makes the tool feel very good in the hand. The blade is used bevel-up bedded at 20°, making the tool suitable for many small planing jobs. All Rider planes are good quality and suitable for home or professional site or bench use.

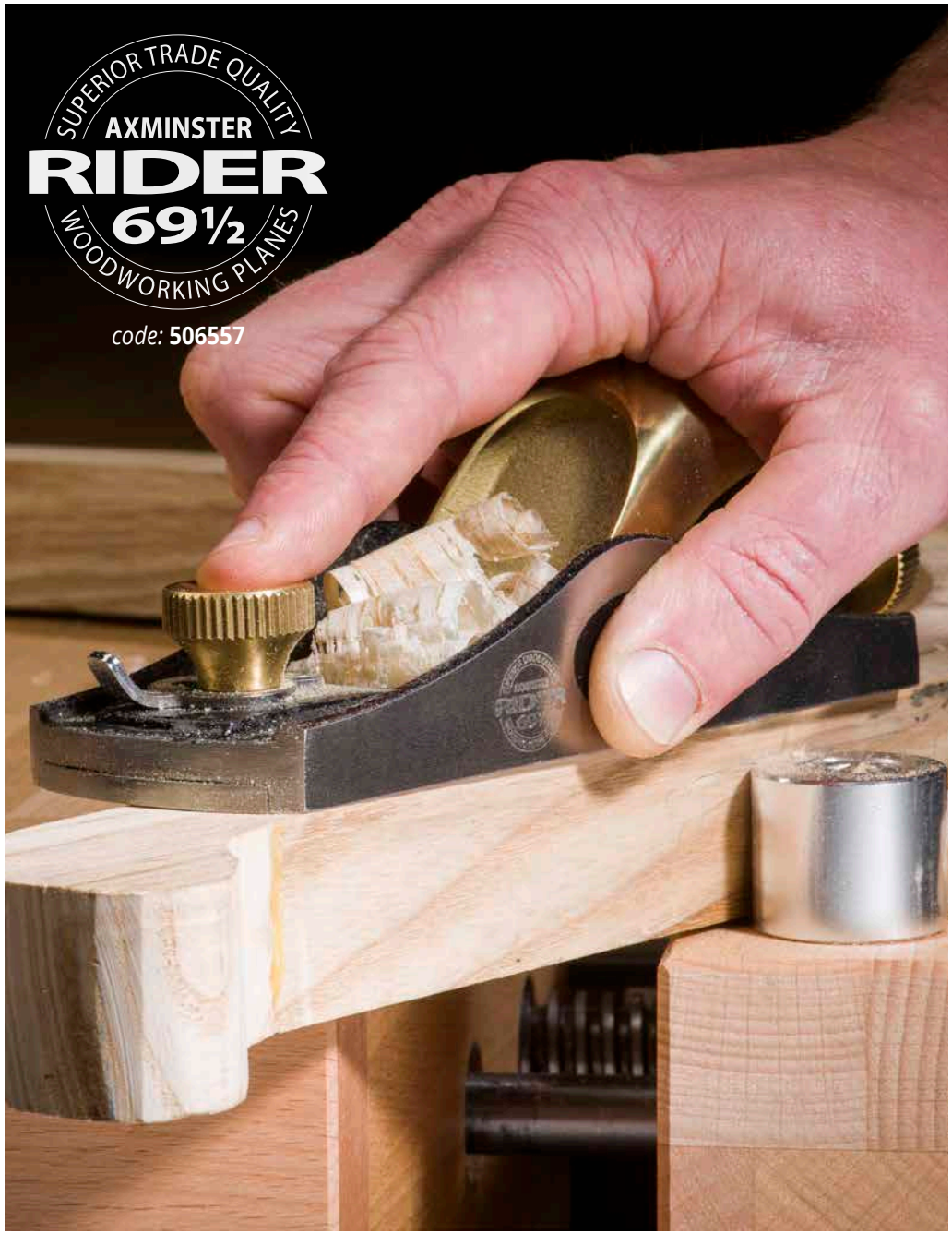
Well made, the Rider version has many excellent features. The main casting is ductile iron chosen for its high strength and impact resistance. It has an adjustable mouth for fine or coarser work. The plane features micro depth adjustment and lateral blade control to achieve the thinnest of shavings.

The sole is 155mm (6-1/8") long with a 41mm (1.5/8") wide blade. The sole of the plane is flat and accurate to +/- 0.04mm (0.0016"). Weighing 1.004kg (2lb 3oz), it is a real workhorse of a plane.

Rider planes only require the bare minimum of initial preparation. The blade comes honed with a secondary bevel ready to take shavings. Each blade is oil quenched, high carbon spring steel, hardened and tempered to HRC 63.

Every plane undergoes careful inspection in Axminster to ensure consistent quality. The No. 9 1/2 Deluxe comes with a plane sock and instruction booklet. We are confident that Axminster Rider planes represent a good standard in traditional, quality plane manufacture and great value.

BLOCK PLANES - RIDER NO. 69½ DELUXE LOW ANGLE PLANE



- *A deluxe, hybrid plane incorporating the best of both its parents*
- *Low blade angle of the 60.1/2, (13.5°) with the width of a 9.1/2 (41mm)*
- *Thick O1 steel blade, holds its edge and reduces chatter*
- *Adjustable mouth and a fine depth feed give great control*
- *Cast and polished solid bronze cap, adds comfort and heft*
- *Solid brass fittings for smooth adjustment*

The Rider No. 69 1/2 Deluxe Low Angle Block Plane is a hybrid incorporating the best attributes of both its parents. It has the low blade angle of the No. 60 1/2 (13.5°), coupled with the size and width of a No. 9 1/2 (41mm(1-5/8")). The blade is used bevel-up. All Rider planes are good quality and suitable for home, professional, site or bench use.

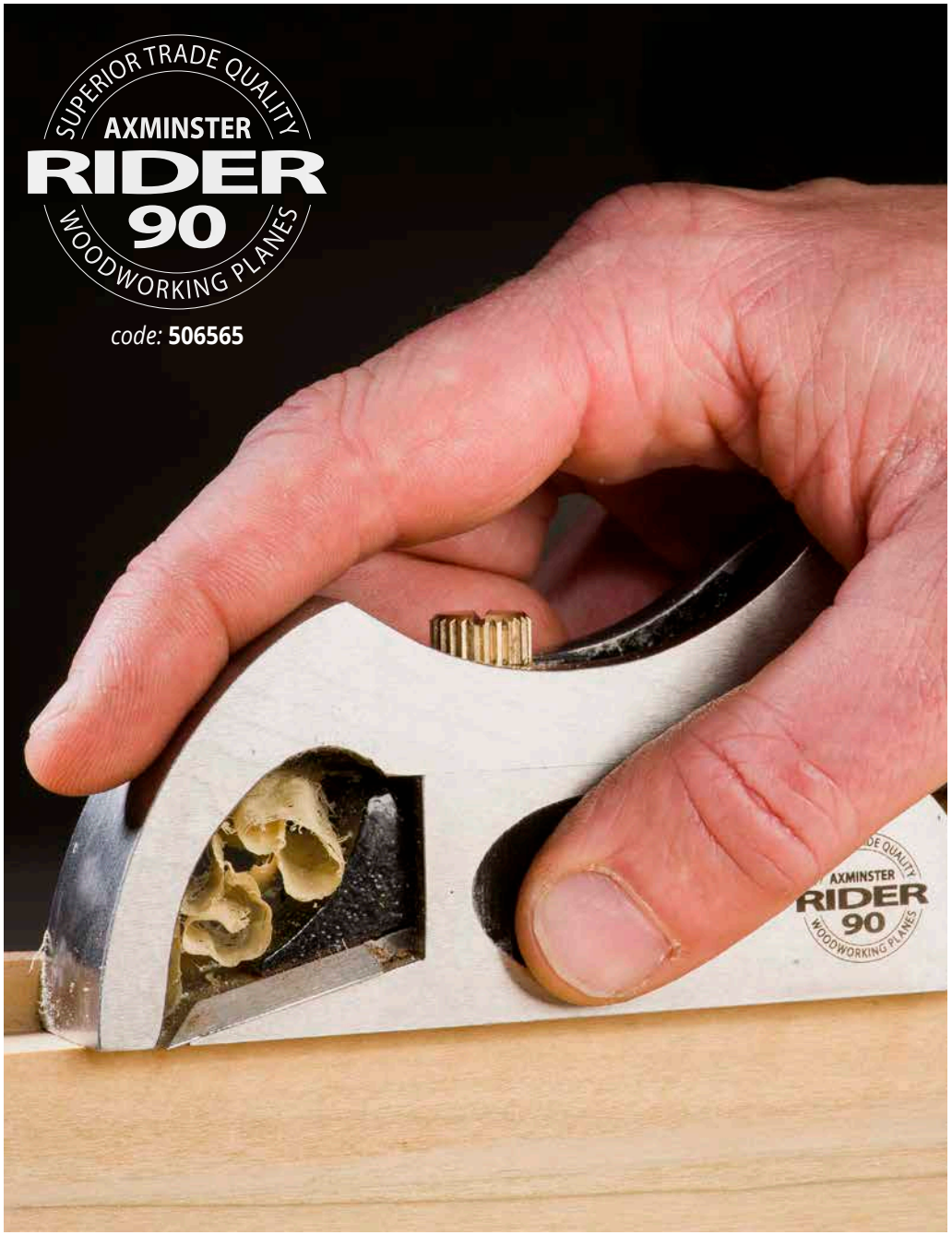
Well made, the Rider version has many excellent features. The main casting is ductile iron chosen for its high strength and impact resistance. It has an adjustable mouth for fine or coarser work. The plane features micro depth adjustment and lateral blade control to achieve the thinnest of shavings.

The sole is 158mm (6-1/4") long with a 41mm (1.5/8") wide blade. The sole of the plane is flat and accurate to +/- 0.04mm (0.0016"). A weight of 950g (2lb 1-1/2oz), combined with the blade angle and extra width gives you a plane with outstanding potential.

Rider planes only require the bare minimum of initial preparation. The blade comes honed with a secondary bevel ready to take shavings. Each blade is oil quenched, high carbon spring steel, hardened and tempered to HRC 63.

Every plane undergoes careful inspection in Axminster to ensure consistent quality. The No. 69 1/2 Deluxe comes with a plane sock and instruction booklet. We are confident that Axminster Rider planes represent a good standard in traditional, quality plane manufacture and great value.

SHOULDER PLANES - RIDER NO. 90 BULL NOSE PLANE



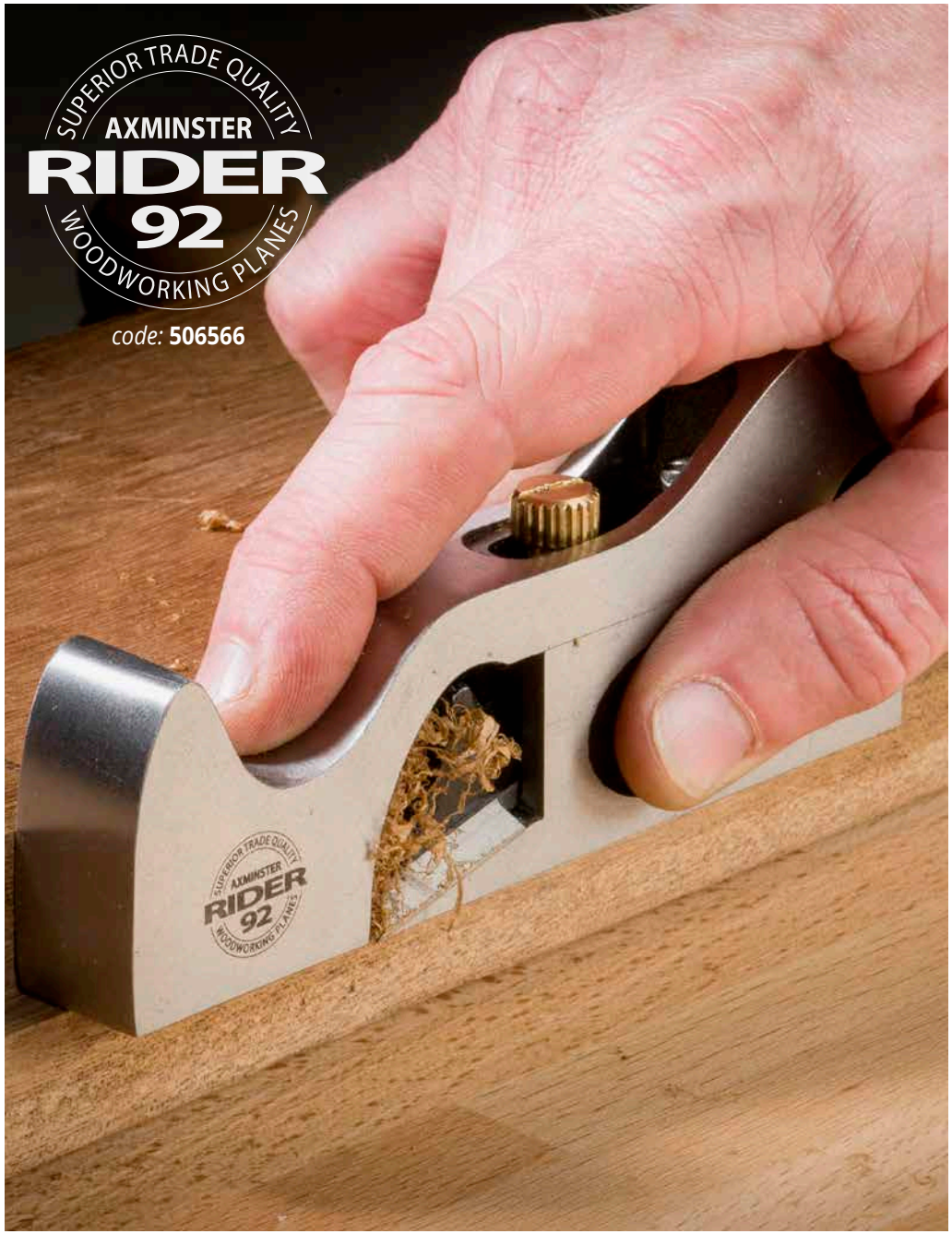
- *Made with great attention to detail, carefully finished and polished*
- *100mm long, precision ground, sole is flat and sides square to the sole*
- *Micro adjustable 25.4mm(1") full width blade*
- *Honed, O1 high carbon steel blade*
- *Movable upper section to vary the width of the mouth*
- *Converts into a chisel plane, useful for cleaning stopped rebates*

A close copy of the 1898 original, the Rider No. 90 Bull Nose Plane is carefully ground, finished and polished. The plane's body is fine grey cast iron. A finger recess on both sides and a well-rounded upper section combine to ensure a comfortable grip. Precision ground, the sole is flat and the sides are square to the sole. The 25.4mm(1") full width blade is micro adjustable for precise control of the depth of cut. The blade is half a smidgen wider than the body making it easier to work in corners

The upper section can be adjusted forwards or backwards varying the width of the mouth for fine or coarse work. Removing the upper section completely, converts it into a chisel plane, useful when working on a frame, where the stile and rail rebates meet. A small setscrew inside the front section ensures you retain the original mouth setting after disassembling the plane.

Rider planes only require the bare minimum of initial preparation. The blade is oil quenched, high carbon spring steel, hardened and tempered to HRC 63, and only requires a little honing before use. Every plane undergoes careful inspection in Axminster to ensure consistent quality. We are confident that Axminster Rider planes represent a good standard in traditional, quality plane manufacture and great value.

SHOULDER PLANES - RIDER NO. 92 PLANE

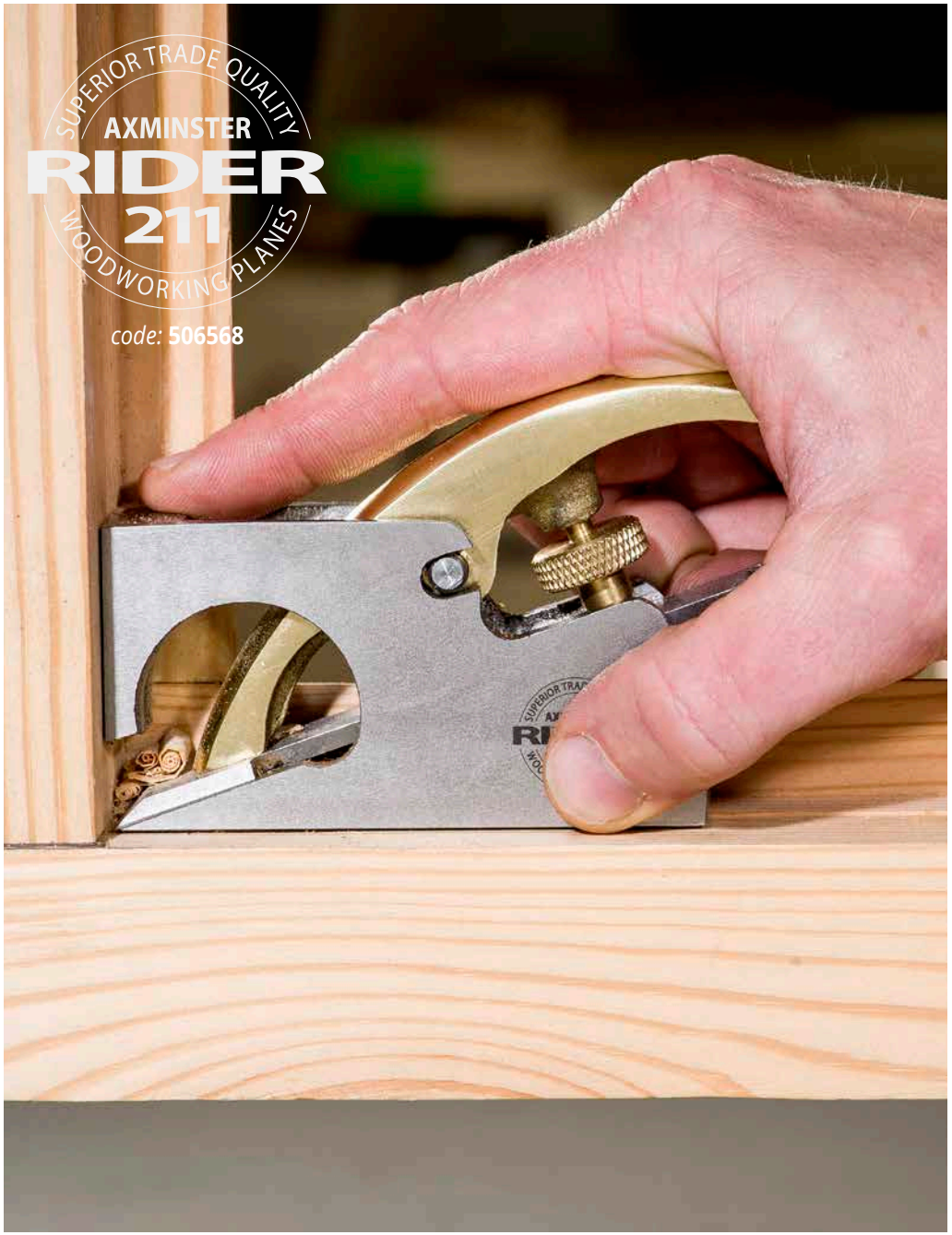


- *Highly accurate, 19mm(3/4") wide shoulder plane, 132mm(5-3/16") long base*
- *Precision machined, precision ground for accurate results*
- *Sole is flat and the sides are square to the sole*
- *Movable front section varies the width of the mouth for coarse or fine work*
- *Removing the front section allows use as a chisel plane*
- *Full width blade, micro adjustable depth of cut*

The Rider No. 92 shoulder Plane Cast from fine grey iron, is precision machined, ground and polished to ensure accurate results. A finger recess on both sides and a well-rounded upper section combine to ensure a comfortable grip. The sole is flat and the sides are square to the sole. The 19mm (3/4") full width blade is micro adjustable for precise control of the depth of cut. The blade is a fraction of a smidgen wider than the body making it easier to work into the corner of a shoulder.

The upper section can be adjusted forwards or backwards varying the width of the mouth for fine or coarse work. Removing the upper section completely, converts it into a chisel plane, useful when working on a frame, where the stile and rail rebates meet. A small setscrew inside the front section ensures you retain the original mouth setting when reassembling the plane.

Rider planes only require the bare minimum of initial preparation. The blade is oil quenched, high carbon spring steel, hardened and tempered to HRC 63, and only requires a little honing before use. Every plane undergoes careful inspection in Axminster to ensure consistent quality. We are confident that Axminster Rider planes represent a good standard in traditional, quality plane manufacture and great value.



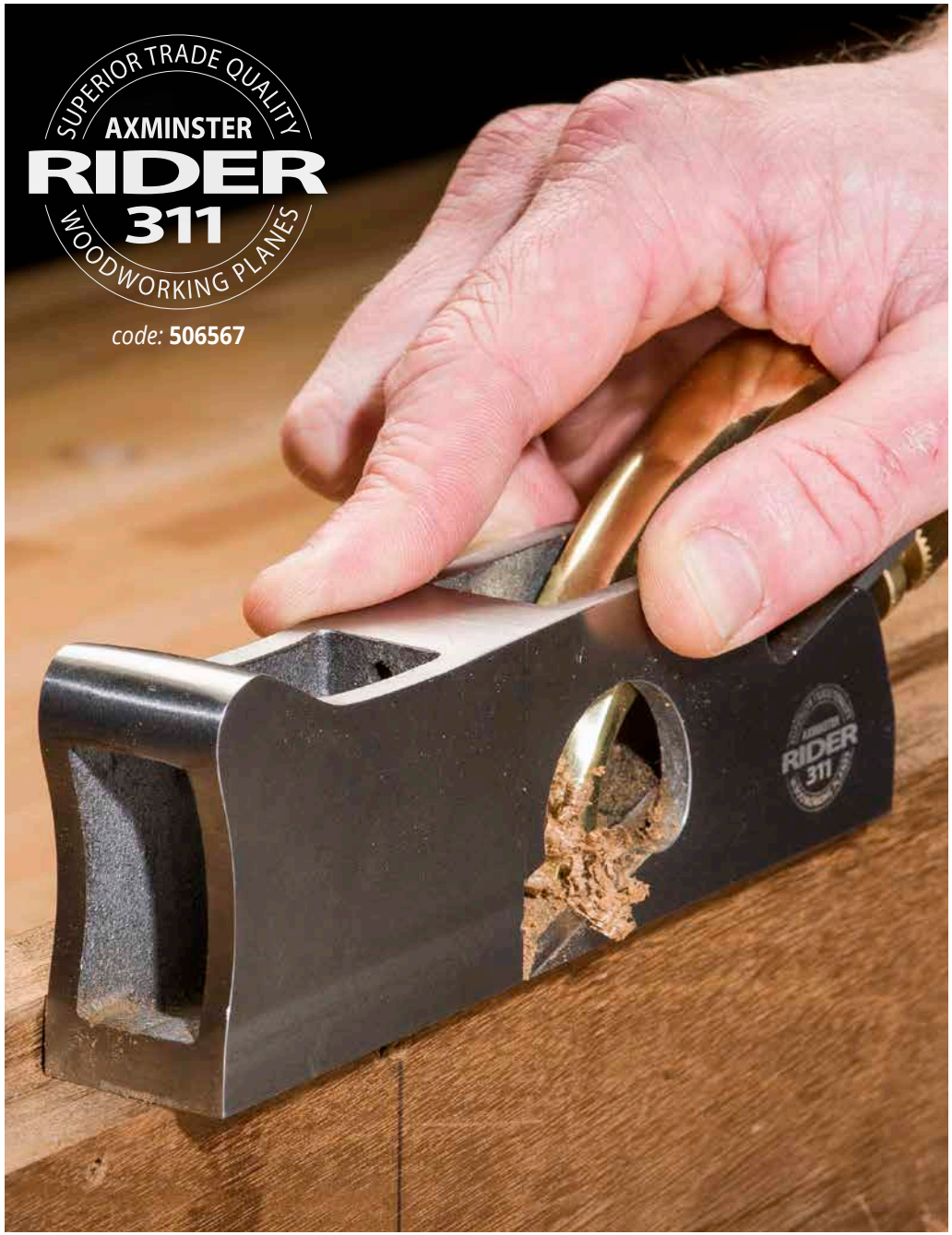
- *Combination of bull nose plane and chisel plane*
- *Comfortable solid cast bronze lever*
- *110mm(4-5/16") long sole by 27mm(1-1/16") wide, fine cast iron body*
- *Full width blade, ideal for cleaning rebates*
- *Knurled fine adjustment screw for depth control*
- *Supplied with shim to vary the width of the mouth*

The Rider 2-in-1 plane combines the functions of a bull-nose plane using the small nose section or a chisel plane with the nosepiece removed. Cast from fine grey iron, it is precision machined, ground and polished to ensure accurate results. The sole is flat and the sides are square to the sole.

The 27mm(1-1/16") full width blade is micro adjustable for precise control of the depth of cut. The blade is a fraction of a smidgen wider than the body making it easier to work into a corner. The polished, arched lever cap makes the plane comfortable and easy to use. A shim between the body and nosepiece allow you to vary the width of the mouth for fine or coarse work. This plane's original intention was for trimming joints when it came to tuning for the final fit, a function it ideally fulfils today.

Rider planes only require the bare minimum of initial preparation. The blade is oil quenched, high carbon spring steel, hardened and tempered to HRC 63, and only requires a little honing before use. Every plane undergoes careful inspection in Axminster to ensure consistent quality. We are confident that Axminster Rider planes represent a good standard in traditional, quality plane manufacture and great value.

SHOULDER PLANES - RIDER 3-IN-1 PLANE



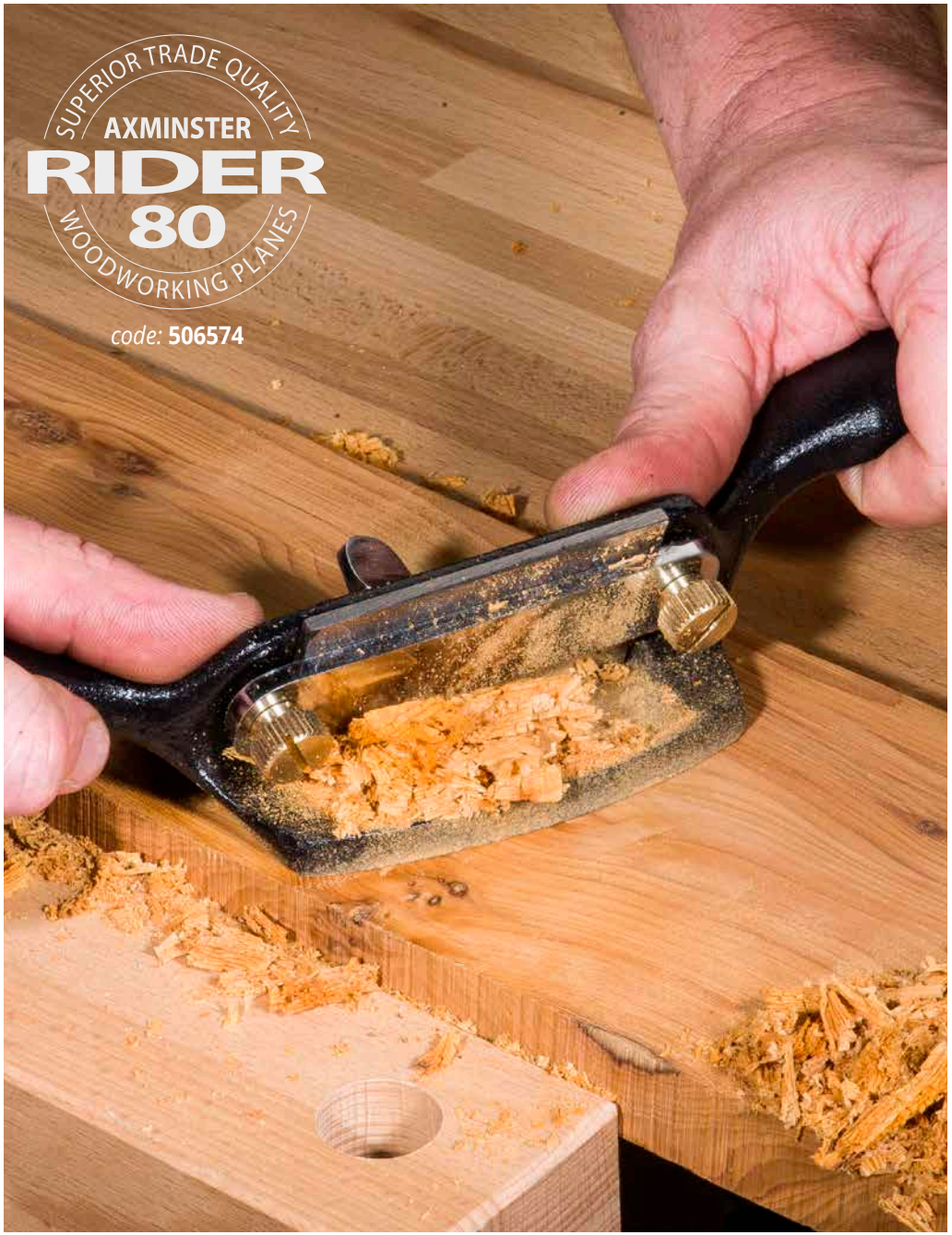
- *A versatile plane offering 3 distinct functions*
- *Shoulder pane with front extension fitted*
- *Bull nose plane using the small nose section*
- *Chisel plane with nose removed*
- *Supplied with shims to vary the width of the mouth*
- *Sole is 155mm(6-1/8") long, with 27mm(1-1/6") full width blade*

A truly versatile tool, the Rider 3-in-1 is a shoulder, bull nose and chisel plane in one precision-machined package. Changing from one function to the other is simply a matter of removing the shoulder or bull nose piece turning it in to a chisel plane. Cast from fine grey iron, it is precision machined, ground and polished to ensure accurate results.

The sole is flat and the sides are square to the sole. The 27mm(1-1/16") full width blade is micro adjustable for precise control of the depth of cut. The blade is a fraction of a smidgen wider than the body making it easier to work into a corner. The polished, arched lever cap makes the plane comfortably and easy to use. A shim between the body and shoulder piece allows you to vary the width of the mouth for fine or coarse work.

Rider planes only require the bare minimum of initial preparation. The blade is oil quenched, high carbon spring steel, hardened and tempered to HRC 63, and only requires a little honing before use. Every plane undergoes careful inspection in Axminster to ensure consistent quality. We are confident that Axminster Rider planes represent a good standard in traditional, quality plane manufacture and great value.

SPECIALIST PLANES - RIDER NO. 80 SCRAPER PLANE

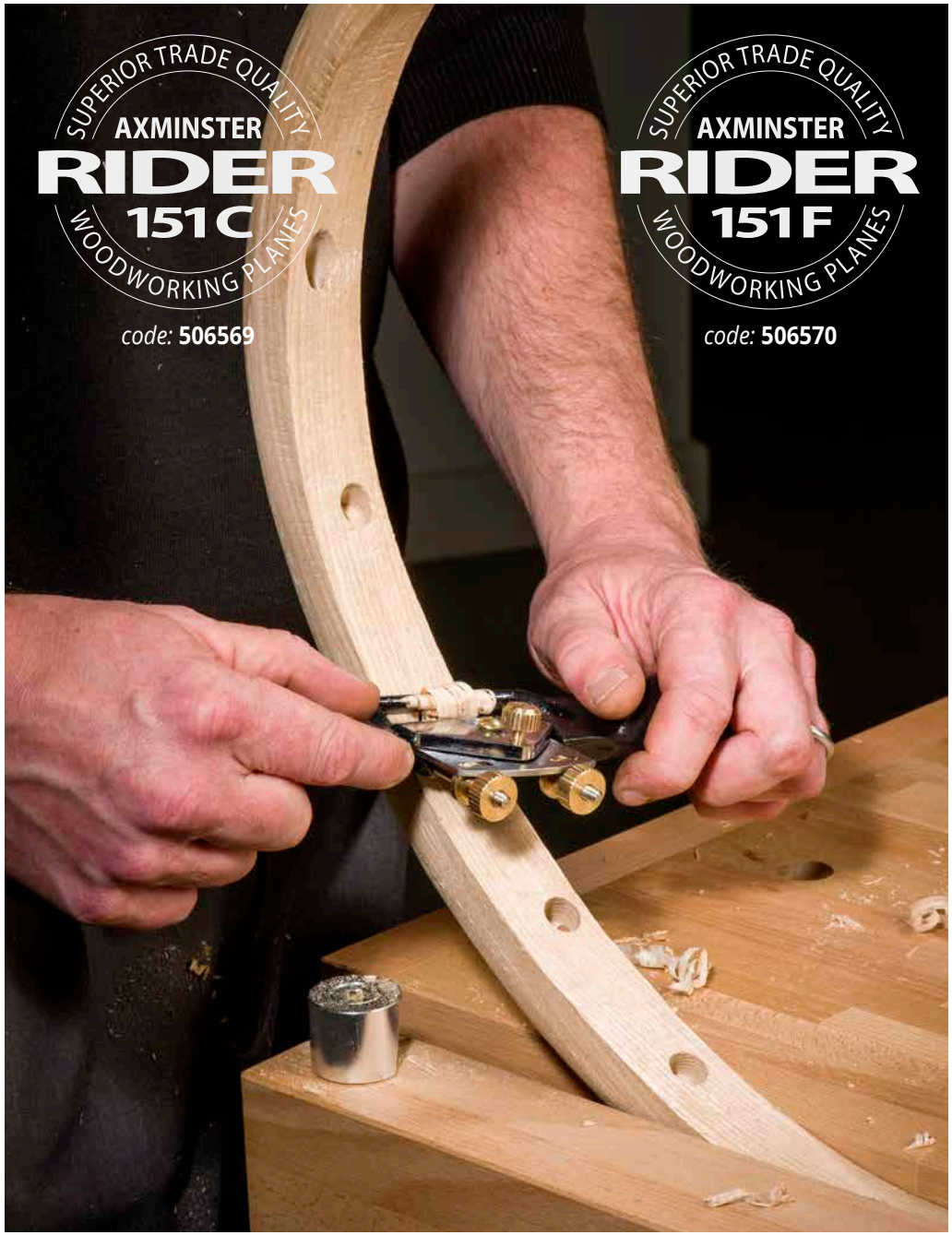


- *Used to produce a precise even finish*
- *Ideal when used to smooth difficult grain on large areas*
- *Adjusting nut varies the blade's depth of cut*
- *Fine grey iron casting with machined base*
- *70mm(2-3/4") wide blade*

The Rider No. 80 cabinet scraper produces a clean even finish and is ideal when used to smooth difficult grain over large areas. Tightening the knob, behind the blade, causes a slight bow in the blade. This increases the blade's depth of cut and hence the thickness of shaving.

The body of the No. 80 is a fine, grey iron casting with a flat, machined base. The base measures 90mm(3-1/2") x 68mm(2-5/8"), the blade is 70mm(2-3/4") wide. Checked for consistent quality at Axminster and supplied in an attractive, foam lined, sturdy black box with an instruction booklet.

Rider planes only require the bare minimum of initial preparation. The blade is oil quenched, high carbon spring steel, hardened and tempered to HRC 63, and only requires a little honing before use. Every plane undergoes careful inspection in Axminster to ensure consistent quality. We are confident that Axminster Rider planes represent a good standard in traditional, quality plane manufacture and great value.



- *Flat base for convex work, curved base for concave*
- *Ductile cast iron bodies with a tough black enamel finish*
- *Well-rounded handles with thumb rests for comfort and control*
- *Twin knurled adjusting screws for depth and lateral adjustment*
- *55mm wide O1 steel blade hardened and tempered to HRC 63*
- *Rider spokeshaves only require the bare minimum of initial preparation*

Both Rider spokeshaves are in the traditional style, 250mm(10") long with a fully adjustable blade. The spokeshave body is ductile cast iron, with a tough black enamel finish. The well-rounded handles and thumb rests offer comfort and control when cutting.

Twin knurled adjusting screws control both depth and lateral adjustment of the 55mm(2.1/8") wide blade. This adjustment allows very fine setting for delicate work. The O1 steel blade is oil quenched, hardened and tempered to HRC 63, and only requires a little honing before use.

Rider spokeshaves are available with either flat or curved base. The primary use of the flat base spokeshave is cutting chamfers and working convex shapes. The curved base spokeshave allows you to shape concave surfaces.

Rider spokeshaves only require the bare minimum of initial preparation. Every spokeshave undergoes careful inspection in Axminster to ensure consistent quality. We are confident that Axminster Rider spokeshaves represent a good standard in traditional, quality and great value.

SPECIALIST PLANES - RIDER NO. 271 SMALL ROUTER PLANE

- *Small and compact router plane*
- *Ideal for evening out the bottom of grooves, dadoes and housings*
- *Useful for inlaying and cleaning out hinge or lock plate housings*
- *Fully open throat on one side for better view of stopped housings*
- *Supplied with a 6.35mm(1/4") cutter*

This small and compact version of the router plane is ideal for smoothing the bottom of grooves, dadoes and housings. It is also useful for work such as inlaying and cleaning out hinge or lock plate housings.

The cutter locks in position with a brass thumb screw. The throat is fully open on one side allowing a better view when, for example, working a stopped housing. The base size is 105mm(4-1/8") x 58mm(2-1/4"), supplied with a 6.35mm(1/4") cutter.

Rider planes only require the bare minimum of initial preparation. The blade is oil quenched, high carbon steel, hardened and tempered to HRC 63, and only requires a little honing before use. Every plane undergoes careful inspection in Axminster to ensure consistent quality. We are confident that Axminster Rider planes represent a good standard in traditional, quality plane manufacture and great value.

SPECIALIST PLANES - RIDER NO. 778 DUPLEX REBATE PLANE

code: **506571**

- *Deigned to cut rebates up to 38mm(1-1/2") wide*
- *Adjustable fence solidly supported on twin guide rods*
- *Fence fits to either side of the plane*
- *Two positions for the blade enhances the versatility of this plane*
- *Supplied with a spur for cross grain cutting and a depth stop*
- *Fine blade adjustment gives precise control of the depth of cut*

The Rider No. 778 Duplex Rebate Plane is able to cut rebates up to 38mm(1-1/2"). It features a quality cast iron body with an accurately ground base and a full width blade.

An adjustable full-length fence, supported on two guide rods for greater accuracy, guides the plane and controls the rebate width. The rods can be pushed through which allows use of the fence on either side of the plane. A spur for cross grain cutting and a depth stop complete the plane. A twin position cutter enhances the versatility of this plane for standard and bull nose work. The blade is adjustable by means of threaded knurled nut, giving precise control to the depth of cut.

Rider planes only require the bare minimum of initial preparation. The blade is oil quenched, high carbon spring steel, hardened and tempered to HRC 63, and only requires a little honing before use. Every plane undergoes careful inspection in Axminster to ensure consistent quality. We are confident that Axminster Rider planes represent a good standard in traditional, quality plane manufacture and great value.

RIDER CHISELS - A BUYER'S GUIDE

Great tools made the old fashioned way

Everything that's good about old chisels can usually be found by rummaging in a second hand tool shop. Superb chisels and planes stand the test of time and it's our intention that Rider tools should attain the same recognition. All our Axminster Rider Chisels are made in the Czech Republic.

Axminster Rider planes have changed the perception of affordable quality tools, but we also wanted to achieve the same awareness for chisels, which we have done.

FEATURES OF RIDER CHISELS

The handle

As an extension of the hand, the handle needs to be both comfortable and durable. We've chosen dense European grown hornbeam, predominantly for its resilience, sanded it smooth and given it a light oil finish for protection. We've also fitted the wider chisels with a larger handle, to maintain balance throughout the range. This makes each size chisel feel just right in the hand. The handles will become more comfortable with regular use and also develop a satisfying patina.

Prefer a softer grip?

We understand that wooden handles aren't for everyone; especially if you're working on site, where they can be subjected to some less than favourable conditions. With this in mind, we've produced a range of Bevel Edge chisels with a two part soft-grip handle; an oval designed with softer ribbed inserts, giving you a secure, comfortable grip.

The blade

Blades on the Bevel Edge and Butt Chisels are forged and made of fine-grained, chrome manganese steel tempered to 59 HRC for strength and a long lasting edge. They are then finely ground and finished with a 25 degree bevel. This means that all Axminster Rider chisel blades only require a final honing once received to achieve a keen, long lasting edge. We would suggest the addition of a 30 degree micro bevel, making sharpening much quicker.

Superior grind

The lands on the sides of our Bevel Edge chisel blades also have a superior grind. This allows greater access into tighter spots, such as the corners of dovetails.

Mortice Chisel Blade

Axminster Rider Mortice Chisel blades are forged from fine-grained chrome manganese steel. The steel's fine grain ensures a keen, long lasting edge giving you more time using them and less time sharpening. Unlike some mortice chisels, Axminster Rider Mortice Chisels are taper ground, in both cross section and length, ensuring the chisel doesn't jam in the mortice and the wood doesn't split.

Corner Chisel blade

The Axminster Rider Corner Chisel has a 10mm square blade with a forged tang and bolster for strength. It is CNC milled, ensuring the corner is a perfectly accurate 90°.

TYPES OF CHISEL

Axminster Rider Bevel Edge Chisel Hornbeam Handle

Perhaps the most popular type of woodworking chisel and a favourite of the cabinet maker. It's difficult not like these chisels; they feel comfortable whatever your hand size and from 16mm upwards the handles are larger, allowing perfect balance to be maintained. They feature a large stainless steel ferrule and shock absorbing leather washer to protect the handle from splitting.

Our hornbeam Axminster Rider Chisels have our signature stainless steel ferrule, making the chisel less likely to split. Every chisel is also Laser marked with our distinctive Rider logo.

Axminster Rider Bevel Edge Chisels Soft-Grip Handle

Designed for the tradesperson who does a lot of site work, these chisels are made to the same high standards as their Hornbeam handled cousins. The main difference between them is the two-part soft-grip handle and the strong steel striking cap allowing them to struck by a hammer if needed.

Axminster Rider Butt Chisels

The butt chisel is primarily designed to use in cutting and paring tasks. They are shorter than the bevel edge chisels and designed to be used in the palm of the hand. Again, they utilise a resilient and comfortable hornbeam handle and have a flat on one side to prevent the chisels from rolling off the bench.

Axminster Rider Mortice Chisels

A mortice chisel can be struck with heavy consistent blows when chopping out mortices or cutting other joints. Unlike some mortice chisels, Axminster Rider Mortice Chisels are taper ground, in both cross section and length, ensuring waste material can clear easily. A strong stainless steel hoop at the top of the handle stops splitting. The end of the handle projects above the hoop to minimise damage to the mallet. These blades are forged for extra strength.

Available in individual sizes 4, 6, 8, 10 and 12mm.

Axminster Rider Corner Chisel

The corner chisel is used predominantly for trimming and final squaring, trimming hinge recesses and being used as a marking out tool. The Axminster Rider Corner Chisel has a 10mm square blade and, like all Rider chisels, has a forged chrome manganese steel blade which is tempered to 59 HRC.

RIDER BEVEL EDGE CHISELS, HORNBEAM HANDLES

6mm
code: **103295**

10mm
code: **103296**

12mm
code: **103297**

16mm
code: **103298**

20mm
code: **103299**

25mm
code: **103300**

32mm
code: **103301**

- *Fine-grained, chrome manganese steel for ultra keen edge*
- *Hardened and tempered to 59 HRC, stays sharp longer*
- *Chisels ground and polished only require final honing*
- *Slim blades allow better clearance when cleaning dovetails*
- *European hornbeam handles are comfortable and resilient*
- *Wider chisels have slightly larger handles; each has correct balance*

Rider bevel edge chisels with handles made from dense European Hornbeam, especially chosen for its resilience and toughness. Sanded smooth and given a light oil finish, the hornbeam handles have a superb feel in the hand and will develop a satisfying patina with prolonged use.

The wider chisels have slightly larger handles to maintain balance across the range of sizes. It is a subtle difference, but enough to make each chisel feel 'right' in the hand. Each handle ends in a polished stainless steel ferrule with a shock absorbing leather washer between the handle and the chisel's bolster.

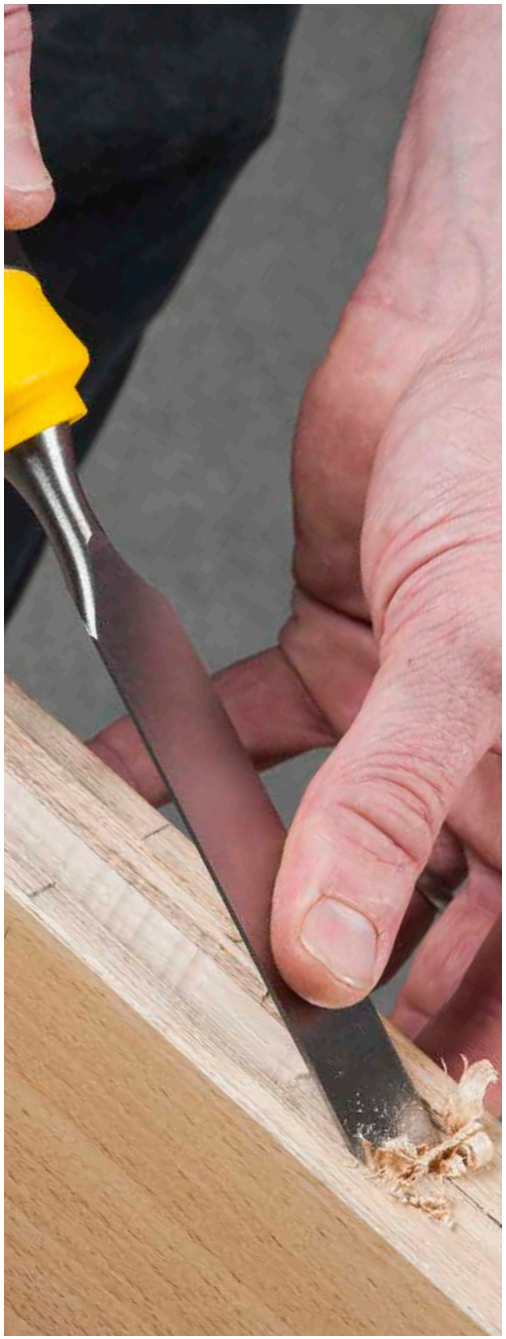
The blades are fine-grained, chrome manganese steel and carefully hardened and tempered to 59 HRC. Sharpened and ground with a 25° bevel, the blades require only final honing to achieve a keen, long lasting edge (we suggest a 30° micro-bevel). In cross section, the blades are slimmer than a standard bevel edge chisel and ground with a narrower land on each side, a little over 1mm. This allows much improved clearance when working into a corner, for example, when chiseling the corners of dovetail joints. The blades are approximately 100mm long with the overall length varying between 265mm to 280mm. European made.

RIDER 6 PIECE BEVEL EDGE CHISEL SET HORNBEAM HANDLE

- *6-piece set, sizes: 6, 10, 12, 16, 20 and 25mm*
- *Supplied in wooden storage case*

code: **103293**

RIDER BEVEL EDGE CHISELS, SOFT-GRIP HANDLES



6mm
code: **103302**

12mm
code: **103303**

20mm
code: **103304**

25mm
code: **103305**

32mm
code: **103306**

38mm
code: **103307**

50mm
code: **103308**

- *Fine-grained, chrome manganese steel for ultra keen edge*
- *Hardened and tempered to 59 HRC stays sharp longer*
- *Chisels ground and polished only require final honing*
- *Slim blades improve clearance in tight corners*
- *Bi-material handles for comfortable and secure grip*
- *Metal striking to take hammer blows*

The blades of these Rider exclusive bevel edge chisels are fine-grained, chrome manganese steel.

They are carefully hardened and tempered to 59 HRC. Sharpened and ground with a 25° bevel, the blades require only final honing to achieve a keen, long lasting edge (we suggest a 30° micro-bevel). In cross section, the blades are slightly slimmer than a standard chisel. This allows much improved clearance when working into a corner and helps prevent binding in a slot.

Each chisel features a tough polypropylene handle with TPE softer inserts. The handles are oval and the softer inserts ribbed.

These features ensure comfortable yet secure grip giving you complete control. A metal striking cap allows you to use a steel hammer for heavier cuts. The blades are 100mm long and the overall chisel length is 250mm. European made.

RIDER 5 PIECE BEVEL EDGE CHISEL SET SOFT-GRIP HANDLE

- *5-piece set, sizes: 6, 12, 20, 25 and 32mm*
- *Supplied in wooden storage case*

code: **103292**

RIDER BUTT CHISELS

6mm
code: **103314**

12mm
code: **103315**

20mm
code: **103316**

25mm
code: **103317**

- *Smooth pear shaped hornbeam handle for control*
- *Handle sits comfortably in the palm*
- *Fine-grained, chrome manganese steel blade offers ultra keen edge*
- *Hardened and tempered to 59 HRC stays sharp longer*
- *Blade ground and polished only requires final honing*
- *Slim blade improves clearance and view for fine work*

The shorter length and palm grip handles make butt chisels the perfect choice for fine trimming and joint fitting tasks. The blades of these Rider bevel edge butt chisels are fine-grained, chrome manganese steel.

Each one is carefully hardened and tempered to 59 HRC, then finely ground and finished with a 25° bevel. The Rider blades require only final honing to achieve a fine, long lasting edge (we suggest a 30° micro-bevel).

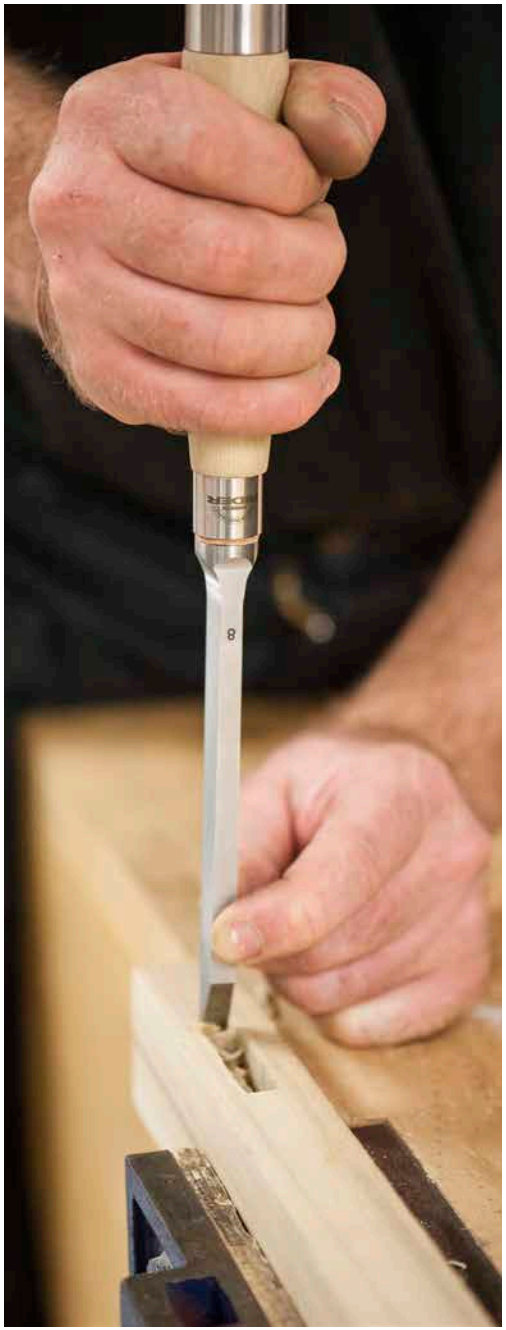
We chose to fit our Rider butt chisels with handles made from dense European Hornbeam. Sanded smooth and given a light oil finish, the hornbeam handles have a superb feel in the hand and will develop a satisfying patina with prolonged use.. The pear shaped handle sits comfortably in your palm; a small flat on the back prevents the chisel from rolling off the bench. Each handle ends in a polished stainless steel ferrule with a shock absorbing leather washer between the handle and the chisel's bolster. The blades are approximately 65mm long with an overall length of 175mm. European made.

RIDER 4 PIECE BEVEL EDGE BUTT CHISEL SET, HORNBEAM HANDLE

- *4 chisel set: 6, 12, 20 and 25mm*
- *Supplied in wooden storage case*

code: **103294**

RIDER MORTICE CHISELS



- *Improved performance compared to standard mortice chisels*
- *Tapered cross section prevents chisel binding in deep mortices*
- *Fine-grained, chrome manganese steel blade gives ultra keen edge*
- *Hardened and tempered to 59 HRC stays sharp longer*
- *Steel hoop resists repeated mallet blows*
- *Blade ground and polished only requires final honing*

4mm
code: **103309**

6mm
code: **103310**

8mm
code: **103311**

10mm
code: **103312**

12mm
code: **103313**

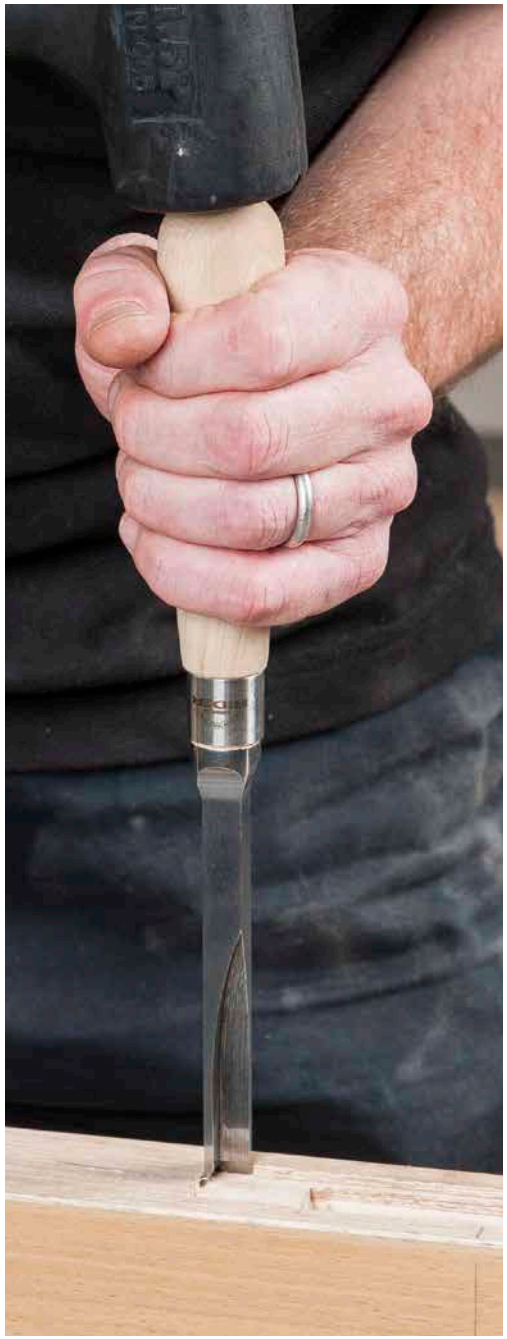
A good mortice chisel needs to be robust to withstand repeated heavy use when chopping out mortices or cutting other joints. The Rider mortice chisels fit the brief perfectly. They incorporate a couple of refinements to make them easier to use and achieve better results.

Starting at the top, a steel hoop prevents the handle splitting from constant mallet blows. A small button of timber protrudes above the hoop to minimise damaging the mallet head. The handle is dense European Hornbeam chosen for its resilience. Sanded smooth and given a light oil finish, the hornbeam handles have a superb feel in the hand and will develop a satisfying patina with prolonged use. The handle ends in a polished stainless steel ferrule with a shock absorbing leather washer between the handle and the chisel's bolster.

The forged blade is Cr-Mn steel and is heat treated to 59 HRC. The steel's fine grain ensures a keen, long lasting edge. The bevel only requires honing before use, although you may wish to sharpen with a steeper secondary bevel, depending on the type of timber you are using.

Improved cutting performance comes from a slight taper in the cross section of the blade, the top being slightly narrower. There is a fractional taper in the length of the blade, less than 0.5mm over the entire length. These tapers give just enough clearance even in a deep mortice to stop the chisel binding in the cut. The blades are approximately 140mm long with an overall length of 305mm. European made.

RIDER CORNER CHISEL



Corner Chisel
code: **103318**

- *For trimming or cleaning, produces perfect 90° corner*
- *Ideal for squaring router-cut hinge recesses*
- *Fine-grained, chrome manganese steel blade gives ultra keen edge*
- *Hardened and tempered to 59 HRC stays sharp longer*
- *Stainless steel ferrule with shock absorbing leather washer*
- *Hornbeam handle, smooth, comfortable and resilient*

The corner chisel is a modern derivative of a wheelwright's Bruzz chisel. The Bruzz chisel did the job of cleaning and trimming the mortices in the wheel's 'knave and fellows' to receive it's spoke tenons. The fit had to be very precise or the wheel would fail, so the Bruzz was an important tool.

Trimming and final squaring is still the function of the corner chisel. The Rider Corner Chisel has a 10mm square blade with a forged tang and bolster. CNC milling ensures the corner is perfectly accurate. Hardened and tempered with a ground bevel and a guaranteed 90° cutting angle. Use the Rider corner chisel to trim hinge recesses after using a router. It is useful as a marking out tool, a light tap provides a square cut as a guide for joint corners. When it comes to sharpening and honing, use a square-edged slipstone or, easier still, a diamond hone that allows you to get right into the corner.

The handle is dense European Hornbeam chosen for its resilience. Sanded smooth and given a light oil finish, the hornbeam handles have a superb feel in the hand and will develop a satisfying patina with prolonged use. The handle ends in a polished stainless steel ferrule with a shock absorbing leather washer between the handle and the chisel's bolster. The blades are approximately 120mm long and an overall length of 260mm. European made.

RIDER SHARPENING STATION KIT

Sharpening Station Kit
code: **717767**

- *Synthetic resin laminate board 250mm(10") x 315mm(12") x 13mm(1/2")*
- *Unaffected by oil or water, easy to keep clean*
- *Four rubber feet ensure the board will not creep in use*
- *CNC machined set-up guides for bevel angles for plane irons and chisels*
- *Designed to work with an Axminster Rider Honing Guide or similar*
- *Axminster Rider Double Sided Diamond Bench Stone (1000 grit and 400 grit) included*

The ultimate sharpening station from Rider has everything you need to get your planes, chisels and scrapers sharpened honed and ready to use. Consisting of a double sided diamond stone (1000 grit and 400 grit), leather strop and honing compound, board and all the instructions you need for the ultimate edge.

Measuring 250mm (10") x 315mm (12") the Rider Sharpening Board is CNC machined from 13mm (1/2") thick synthetic resin laminate. This is the same material used to produce our kitchen worktop jigs. It is unaffected by oil or water and easy to keep clean. Four rubber feet give stability whilst sharpening and ensure the board will not creep across the bench in use.

The stone recess is 228mm (11") x 89mm (3.1/2"), This matches the Axminster Rider Double Sided Diamond Bench Stone, which is included. It is a simple matter to hold shorter stones in place using a homemade wedge or spacer to fill any gap. A stone needs to be just snug enough to prevent movement back and forth as you sharpen.

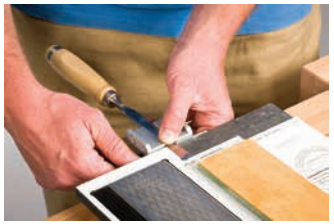
The strop is 203mm (8") x 65mm (2.1/2") quality split grain leather. The strop removes any remaining minute wire edge and puts a final high polish finish on your edge tools. It is a matter of personal preference whether you use it with or without a polishing compound.

Designed to work in conjunction with an Axminster Rider Honing Guide it is as effective with similar Eclipse type guides. The edges of the board feature recesses which act as set-up guides for bevel angles of 25°, 30° and 45° for plane irons plus 25° and 30° bevel angles for chisels. This forms a very effect sharpening station with guaranteed repeatability for sharpening or honing angles.

Supplied with: Board, Diamond stone, Strop, Paste and instructions

Keep your chisels and planes sharpened, honed and ready to use with the Axminster Rider Sharpening Station Kit.

Consisting of a double sided diamond stone (1000 grit and 400 grit), leather strop and honing compound all housed within a specially designed board, complete with all the sharpening instructions you need for the ultimate edge. We recommend a 30 degree secondary bevel on our chisels.



Shown with optional honing guide

SHARPENING PLANE BLADES

An edge is essentially where the two flat faces of the blade meet at a predetermined angle, usually 30°. The edge will consist of a wide 25° ground face together with a much narrower honed bevel of 30° and it is this that is sharpened on suitable media. The honed edge and the back of the blade should be prepared in turn and the more attention that's paid to each will eventually determine how sharp the edge becomes.

Many different forms of sharpening systems are available nowadays. Oilstone, waterstones, diamond, ceramic… there are many permutations and each has its advantages and disadvantages, but a reasonable quality diamond stone, or combination stone, would make an ideal choice, as they are of consistent quality, flat, robust and produce a good edge quite quickly.

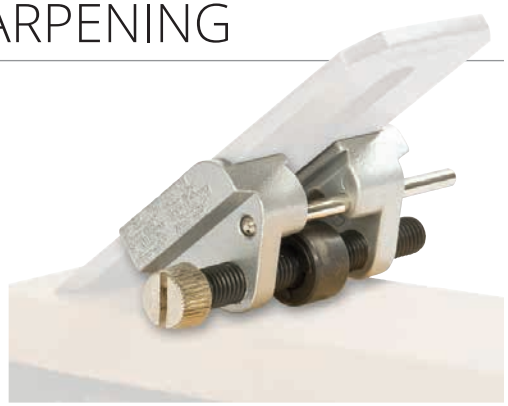
A workable, honed edge can be obtained with a 1000g stone and succeeding finer grits will serve to produce a more polished edge where one is required.

Lubrication of some sort is also needed, which acts to keep the stone clear of steel debris as the sharpening process takes place. Almost anything will do, from water (make sure the diamond surface is dried afterwards) through to light machine oil, paraffin or even WD40.

A honing guide is also recommended, as one of these devices will ensure that a repeatable honing angle is achieved each time the blade is sharpened, provided that the blade projection remains constant.

RIDER SHARPENING

Rider Honing Guide *code:* **340147**



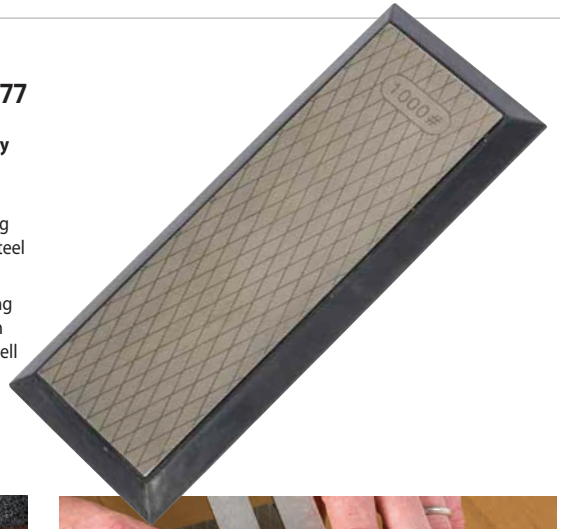
The Axminster Rider honing guide is very similar in design to the classic Eclipse 36. It is an ideal tool for achieving a consistent bevel angle, everytime you sharpen a blade.

The guide offers two tool-clamping positions. The upper jaw accommodates blades up to 78mm(3-1/8") wide. A lower V-groove secures bevel edge chisels or thin tools from 3mm(1/8") to 48mm(1-7/8") wide.

The bevel angle depends on the blade's projection in front of the guide. Typically, plane irons in the upper jaw: 50mm(2") gives 25° and 38mm(1-1/2") gives 30°. Chisels or blades placed between the lower jaws: 40mm(1-9/16") for 25° or 30mm(1-3/16") for 30°. We recommend constructing a very simple jig to make setting quick and simple. Using a jig will guarantee consistent bevel angles everytime you sharpen.

The guide's 19mm(3/4") diameter by 12mm(1/2") wide roller allows you to hone both straight cutting edges. Slightly rocking the guide makes the edge curved, or crowned.

Rider Double Sided Diamond Bench Stone *code:* **951777**



Simply by turning it over, both sides of this premium quality diamond bench stone can be used.

We tested this stone extensively medium 400g (36 micron) on one side and fine 1,000g (15 micron) on the other. Nickel plating permanently fixes the diamond particles onto the 8mm thick steel base.

A chequered pattern carries away metal particles so maintaining the stone's cutting efficiency. The resulting surface is more than capable of sharpening modern hard steels, ceramic knives as well as traditional tool steels. A protective non-slip rubber surround keeps the stone in place when in use. You can use it dry but it works far better with a splash of water.

RIDER BLADES & ACCESSORIES

Rider Plane Socks

- Made from stretch knitted fabric
- Protection for planes and other tools
- Available in four sizes: Block plane 220 x 110mm, Smoothing plane 320 x 110mm, Jack plane 400 x 110mm and Jointer plane 560 x 110mm.

	Code
Block Plane	**506551**
Smoothing Plane	**506552**
Jack Plane	**506553**
Jointer Plane	**506554**

Blade for Rider No. 4 & 5 Planes *code:* **506541**

- 50mm wide, 3mm thick
- O1 Spring steel
- Hardened and tempered to RC63

Blade for Rider No. 4½, 5½, 6 & 7 Planes *code:* **506542**

- 60mm wide, 3mm thick
- O1 Spring steel
- Hardened and tempered to RC63

Blade for Rider No. 60½ Block Planes *code:* **506544**

- 35mm wide
- 3mm thick
- O1 spring steel
- Hardened and tempered to RC63

Blade for Rider No. 9½ & 69½ Block Planes *code:* **506543**

- 41mm wide
- O1 spring steel
- 3mm thick
- Hardened and tempered to RC63

Blade for Rider No. 92 Shoulder Plane *code:* **506545**

- 19mm wide
- O1 spring steel

Blade for Rider No. 90 Bull Nose Plane *code:* **506550**

- 25.4mm wide
- O1 spring steel

Blade for Rider 3-in-1 & 2-in-1 Planes *code:* **506546**

- 27mm wide
- O1 spring steel

Blade for Rider Duplex Rebate Plane *code:* **506549**

- 38mm wide
- O1 spring steel

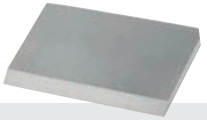
Blade for Rider No. 271 Small Router Plane *code:* **506486**

- 1/4" wide
- O1 spring steel

Blade for Rider Duplex Spokeshaves *code:* **506547**

- 54mm wide
- O1 spring steel
- Suitable for flat or convex sole Rider spokeshaves

Blade for Rider No. 80 Scraper Plane *code:* **506548**



- O1 spring steel

RIDER RASPS

FLAT RASPS

- Invaluable tool for shaping convex curves
- Rapid waste removal with great control
- CNC stitched teeth ensures precise tooth height and distribution
- Cuts predictably leaving an even surface finish
- Tool steel blades hardened to HRC 45 for long working life
- Hornbeam handles for comfort with stainless steel ferrule

150mm *code:* **103786**

- 150mm long x 16mm wide
- Stitched at 20 teeth per cm²

200mm Standard *code:* **103845**
Fine Cut *code:* **103904**

- 200mm long x 19mm wide
- Available stitched at 16 or 22 teeth per cm²

250mm *code:* **103894**

- 250mm long x 24mm wide
- Stitched at 12 teeth per cm²

ROUND RASPS

- Invaluable tool for shaping concave surfaces or enlarging holes
- Rapid waste removal with great control
- CNC stitched teeth ensures precise tooth height and distribution
- Cuts predictably leaving an even surface finish
- Tool steel blades hardened to HRC 45 for long working life
- Hornbeam handles for comfort with stainless steel ferrule

150mm *code:* **103896**

- 150mm long x 6mm diameter tapering to 4mm at the tip
- Stitched at 20 teeth per cm²

200mm Fine Cut *code:* **103905**
Standard *code:* **103897**

- 200mm long x 8mm diameter tapering to 5mm at the tip
- Available stitched at 16 or 22 teeth per cm²

250mm *code:* **103898**

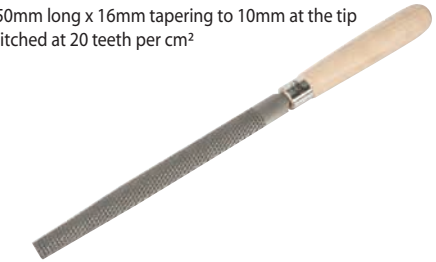
- 250mm long x 10mm diameter tapering to 6mm at the tip
- Stitched at 12 teeth per cm²

HALFROUND RASPS

- Invaluable tool for shaping convex or concave surfaces
- Rapid waste removal with great control
- CNC stitched teeth ensures precise tooth height and distribution
- Cuts predictably leaving an even surface finish
- Tool steel blades hardened to HRC 45 for long working life
- Hornbeam handles for comfort with stainless steel ferrule

150mm *code:* **103900**

- 150mm long x 16mm tapering to 10mm at the tip
- Stitched at 20 teeth per cm²



200mm Fine Cut *code:* **103906**
Standard *code:* **103901**

- 200mm long x 19mm tapering to 15mm at the tip
- Available stitched at 16 or 22 teeth per cm²

250mm *code:* **103902**

- 250mm long x 24mm tapering to 19mm at the tip
- Stitched at 12 teeth per cm²

OUT-CANNEL FIRMER GOUGE WOODEN HANDLE

- Out-cannel gouges for hollowing or paring convex curves
- Forged from Cr-Mn steel for strength
- Heat treated up to 59 HRC, stays sharp longer
- Precision ground sides and bevel
- Hornbeam handle, matched to gouge size for balance
- Stainless steel ferrule, leather washer

8mm *code:* **103829**

12mm *code:* **103830**

20mm *code:* **103831**