

# Robert Sorby ProEdge

## WOODTURNING SHARPENING ACCESSORY KIT

### Instructions for use

1

#### ProSet (WPROSET)

Helps you achieve the exact bevel angle on any fingernail or long grind gouge when used in conjunction with the fingernail profiling arm.



2

#### Fingernail Profile Kit (WPEFPKIT)

The fingernail profiling kit is ideal for shaping a perfect fingernail profile on bowl and spindle gouges.



3

#### Skew Jig (WPESKEW)

For accurate sharpening of woodturning skew chisels.



4

#### Standard Gouge Jig (WPEVB)

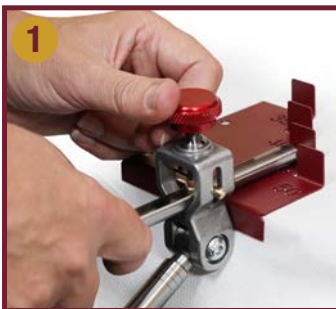
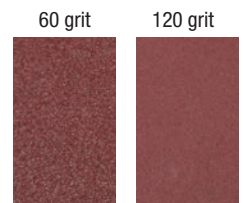
Allows easy sharpening of all standard ground woodturning gouges.



5

#### Ceramic Belts (WPE60C) x1 60 grit (WPE120C) x1 120 grit

This hardwearing material is a great choice for profiling and re-profiling damaged tools.



#### 1 ProSet - Bevel Angle Setter Guide

Achieving the exact bevel angle on any fingernail or long grind gouge has never been easier than with the **ProSet**.

By placing the gouge into the clamp of the profile arm and then extending the gouge upto the required stop and locking it into place the turner will be able to obtain precise and repeatable bevel angles.

#### 2 Fingernail Profile Kit

**Sharpening a fingernail profile bowl or spindle gouge can be one of the most difficult jobs for any woodturner.**

The Fingernail Profile Kit will produce a fingernail profile on any spindle or bowl gouge from a 1/4" (6mm) to 3/4" (19mm) and it allows for any combination of bevel angle and wing sweep to be readily achieved.

Fingernail Profile Kit contains the arm and the boss but both items are available individually.

Slide the boss over the fingernail boss bar and place the arm into the location hole. The arm is factory set at 120 degrees (120°) to give the standard Rober Sorby fingernail profile.

To produce a fingernail profile, slide the gouge into the clamp until the bevel is flat against the abrasive belt. Tighten the clamp screw to hold the gouge in place and allow the gouge to move away from the belt prior to switching on the **ProEdge**.

If a different bevel angle is required it is just a matter of sliding the tool further through the clamp and more material will be taken from the heel of the tool making the bevel angle shallower. If a steeper bevel angle is required then the tool needs to be drawn back in the clamp so that more material is removed from the nose.

## 2 Fingernail Profile Kit (continued)

When the correct angle has been established, switch on the system and move the gouge forward so that one wing touches the abrasive belt.

With a small amount of pressure allow the gouge to roll with the arm to produce the fingernail profile with a perfect cutting edge.

## 3 Skew Jig

The skew chisel needs to be extremely sharp to work correctly and safely, using the skew jig makes this achievable in seconds.

Firstly, tilt the belt assembly backwards (refer to the **ProEdge** manual)

Now set the angle setter to the top hole 15 degrees (15°) or the desired angle and re-tighten using the locking lever.

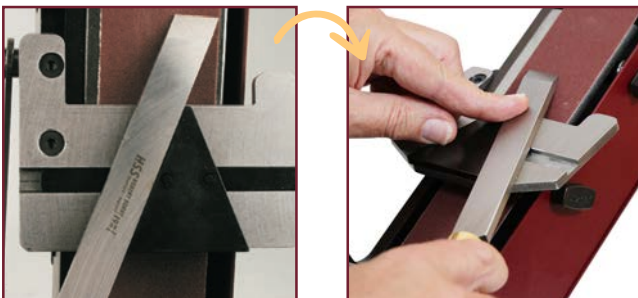
The tool platform is now set to the desired angle and the skew jig can be placed as shown.

Ensure there is nothing to obstruct the jig from sliding sideways.

Switch on the **ProEdge** and ensure the belt is aligned correctly. If it is not then refer to the **ProEdge** manual - 'Abrasive belt alignment'.

If the belt is correctly aligned, place the skew onto the jig as shown and slowly push the skew chisel forward so that it makes contact with the belt.

Hold the skew chisel against the jig to maintain the correct cutting angle and hold in place. A slight side to side motion can be used but ensure the tool is held securely to the jig.



**When the first side has been sharpened turn the skew over and place it against the other side of the jig and continue as before, until the tool is razor sharp.**

## 4 Standard Gouge Jig

Keeping a gouge in a consistent position whilst maintaining the required bevel angle takes many hours of practice with a lot of frustration along the way.

The Standard gouge jig allows the gouge to sit in the same position and allows it to roll in a constant axis giving a single faced bevel. Set the angle setter to the recommended Robert Sorby 45° for gouge sharpening and lock into place with the locking lever.

Sit the locating key of the block into the slot in the tool platform.

Switch on the **ProEdge** and gently place the gouge into the v-shape of the block. Push the tool up against the abrasive belt and slowly roll it from one side to the other to produce a perfect profile.



## 5 Abrasive Belts

### • Ceramic Belts - 60 & 120 grit

We have selected these belts because they use an even cut rate and give a vastly prolonged belt life over standard abrasive belts. This produces knives and tools with consistent honed bevels and incredibly sharp cutting edges.

As with all abrasives, the belts should always be used in the order of grit from the coarsest to the finest. This is to maximise the efficiency of each belt and to achieve the best possible results.

Other belts are available.

**For more details on additional accessories as well as replacement and additional sharpening belts, contact your local stockist or Robert Sorby.**

*Robert Sorby*  
MADE IN SHEFFIELD, ENGLAND - SINCE 1828

Robert Sorby Ltd, Atlas Way, Atlas North, Sheffield S4 7QQ, England. Tel: +44(0) 114 225 0700 Email: sales@robert-sorby.co.uk

[www.robert-sorby.co.uk](http://www.robert-sorby.co.uk)



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