

The following table gives details of the minimum and maximum dimensions of the internal and external limits of each set of jaws.

Jaw set size Product No.	Minimum External	Maximum External	Minimum Internal	Maximum Internal
1" 25mm <b>RSJ1</b>	1" 25mm	2" 50mm	17/32" 14mm	1 17/32" 39mm
overlap	5/8" 15mm		5/8" 15mm	
1 3/8" 35mm <b>RSJ15</b>	1 3/8" 35mm	2 3/8" 60mm	57/64" 24mm	1 57/64" 49mm
overlap	3/8" 10mm		3/8" 10mm	
2" 50mm <b>RSJ2</b>	2" 50mm	3" 76mm	1 21/64" 42mm	2 21/64" 67mm
overlap	1/4" 6mm		1/4" 6mm	
2 3/4" 70mm <b>RSJ3</b>	2 3/4" 70mm	3 3/4" 95mm	2 5/16" 59mm	3 5/16" 84mm
overlap	1/4" 6mm		1/4" 6mm	
3 1/2" 89mm <b>RSJ4</b>	3 1/2" 89mm	4 1/2" 114mm	3 1/16" 78mm	4 1/16" 103mm
overlap	1/4" 6mm		1/4" 6mm	
4 1/4" 108mm <b>RSJ5</b>	4 1/4" 108mm	5 1/4" 133mm	3 13/16" 97mm	4 13/16" 122mm
Pin Jaws 1" <b>RSJP</b>	25mm	2" 50mm	17/32" 14mm	1 17/32" 39mm
Deep Grip Jaws <b>RSJDG</b>	4 1/4" 108mm	5 1/4" 133mm	3 13/16" 97mm	4 13/16" 122mm
Long Nose Jaws <b>RSJLN</b>	2 5/32" 55mm	3 9/64" 80mm	1 21/64" 42mm	2 21/64" 67mm
Bowl Reversing Jaws <b>RSJBR</b>	Minimum bowl diameter 2" 50mm		Maximum bowl diameter 9" 232mm	
Custom Jaws <b>RSJC</b>	3" 75mm	4" 100mm	1/8" 6mm	user defined
Zero jaws <b>RSJZ</b>			5/32" 4mm	1 9/64" 29mm
Pen blank jaws <b>RSJPEN</b>		(For drilling purposes only)	1/4" 6mm	1" 25mm

All sizes are nominal and for guidance only

For more information on these or any other Robert Sorby products, please contact your nearest stockist or

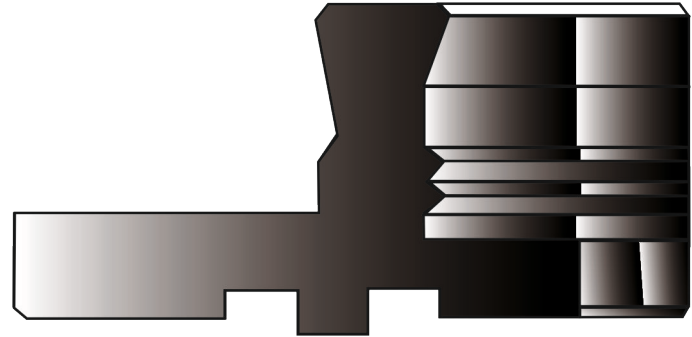
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## PATRIOT woodturning chuck

## Optional Jaws and Accessories

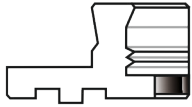
The range of jaws and accessories for the Robert Sorby **PATRIOT** woodturning chuck ensures the woodturner can produce any project simply and easily.

## Bowl Jaws

Each set of Robert Sorby bowl jaws has an internal and external dovetail to ensure a secure holding whether using a spigot or a recess.

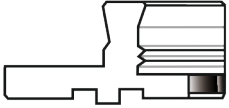
In addition to the dovetails, every set of jaws has extra gripper teeth to hold that awkward piece of wood safely and securely.

The Patriot chuck has a full 1" (25mm) of movement for all the jaws. This ensures that there is at least 1/4" (6mm) overlap throughout the range of jaws allowing any size dovetail or spigot is held securely.



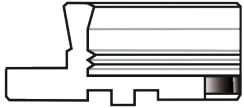
### 1 3/8" (35mm)

Designed for small projects, such as boxes and small bowls up to 6" diameter.



### 2" (50mm)

Standard jaws for every day use. Dovetail lip on the outside and the gripper teeth and dovetail lip on the inside for added holding security of blanks up to 10" diameter



### 2 3/4" (70mm)

For bigger bowls and projects up to 13" diameter that need a little more substantial hold.



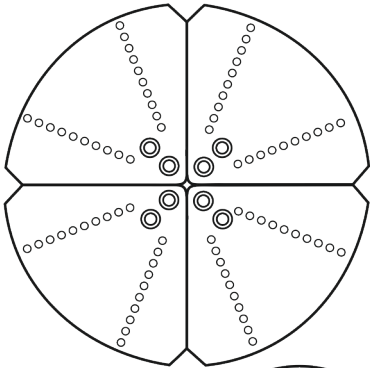
### 3 1/2" (89mm)

These jaws allow for even bigger bowls up to 16" diameter to be held securely



### 4 1/4" (108mm)

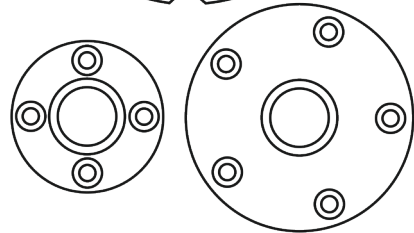
Large bowls and platters over 16" diameter can be turned due to the much bigger spigot or recess this set of jaws allows



## Bowl Reversing Jaws

These Bowl Reversing jaws are perfect for finishing the outside and bottom of any bowl.

Lightweight but extremely strong aluminium plates with 80 positions and 8 rubber grips to gently hold the outside of a bowl without causing any damage to the turned piece.

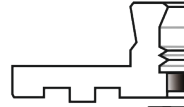


## Faceplate Rings

Designed with an internal dovetail to fit securely onto the standard 2" (50mm) jaws. These rings work in the same way as normal faceplates but with the convenience of the easy chuck fitting. Available with an outer diameter of 3 1/8" (80mm) & 4 3/4" (120mm).

## Specialist Jaws

These jaws are specifically designed for one particular style of holding. Whether it is gripping unusual shaped burrs, large logs or gently securing the rim of a bowl, they ensure this is done quickly, easily and securely.

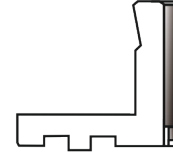


### 1" (25mm)

Perfect for fine, intricate or miniature pieces utilising the internal or external dovetails and the gripper teeth.

### Pin Jaws 1" (25mm)

Securely grips wood when used inside a 1" diameter hole. Also has dovetail inside and out for additional grip. Ideal for projects such as peppermills.

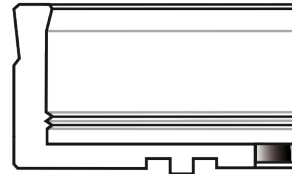
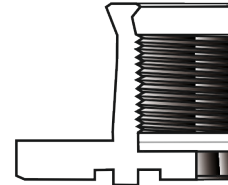


### Pen blank Jaws

These jaws come as a pair rather than a set of four. Positioned directly opposite each other on the Patriot chuck the pen blank is gripped securely by the specifically engineered groove in each jaw. The ability to choose lathe speeds combined with the design of the jaws allows the woodturner greater control when drilling the blank ready for fitting the pen tubes.

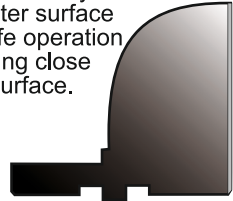
### Long nose Jaws

Rough turned bowls can be remounted internally with the reach of almost 4" (100mm) of these jaws. Extra access to the back of a turned piece is acquired due to the tapered shape and the dovetail being 2" (50mm) from the chuck body.



### Zero Jaws

These solid steel jaws close to allow extremely small projects to be held securely while the rounded outer surface ensures safe operation whilst working close to the jaw surface.



## Deep Grip Jaws

Designed with deep sides to give extra grip on large logs and awkward pieces of wood. They also have a large internal and external dovetail to securely hold large bowls in excess of 16" in diameter.



## Custom Jaws

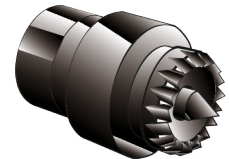
Made from high quality nylon, these jaws can be turned using normal woodturning tools to suit any project many times over.

For full details of sizes, refer to the table on the back of this leaflet.

### SAFETY NOTE

All drawings and recommended project sizes are for guidance only. Extra caution should always be taken when turning to the full recommended diameter and when using unstable, excessively thick blanks and laminated woods. All necessary safety checks should always be made before using any machinery.

## Steb Drive



Held securely by the jaws of the Patriot chuck, the Steb Drive ensures an unrivalled grip on any wood. It uses the same innovative head design as the original Stebcentre holding the wood securely with its forward facing serrated teeth and spring loaded centre pin.