



Five Year Guarantee

Available on Axminster Woodturning Discovery Chucks.

Please find full terms and conditions for the Five Year Guarantee on our website.



All British-made super precision chuck system packed with innovation and accuracy.

If you have any questions or problems with your chuck, please call our technical helpline **03332 406406** or visit your local store for assistance.

Axminster Tools, Weycroft Avenue,
Axminster, Devon EX13 5PH

For more information and to see all the latest accessories visit axminstertools.com or call **03332 406406**

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AXMINSTER
woodturning



Featuring Unique
SafetyJaw
Rounded Corners

AXMINSTER
woodturning

Introduction

Thank you for purchasing the Discovery SK100 Chuck. In this leaflet you will find simple instructions on how to maintain your chuck, how it works and how to ensure the chuck and its components remain clean and free from wear.

Using the chuck

Under no circumstances should any additional leverage be used to gain a mechanical advantage when tightening the chuck onto a workpiece as this will only damage the scroll and reduce its accuracy. When holding a large or heavy item in the chuck jaws, tighten both pinions in sequence to ensure maximum pressure is exerted on the jaws. In use, you should find the Discovery SK100 Chuck to be smooth and accurate to operate.

Safety instructions for chucks

When using this chuck please follow the basic safety precautions and observe the following specific precautions:

Chuck Assembly

To ensure the chuck is assembled safely, secure the chuck front to the chuck backplate (threaded insert) using the 4 x M6 x 25mm screws and ensure they are tightened to 12NM (Newton-Metres). To secure the chuck to the SK100 Enclosure, use the 4 x M4 x 40mm screws and ensure they are tightened to 3.5NM. Please ensure the 2 x M5 Grub Screws are tightened to 2NM.

DO ensure the chuck is screwed fully onto the headstock shaft.

DO ensure that all accessory fittings are secure before starting your lathe.

DO start the machine in a slow speed if the work is unbalanced.

DO make sure the chuck key is removed from the chuck before switching on.

DO be aware that when gripping large diameter workpieces that the jaws may extend beyond the boundary of the chuck body.

DO keep your hands clear until the chuck has stopped rotating.

DO NOT attempt to exceed the normal capacity of any jaw fitted to the chuck as the jaws may not fully engage the scroll if they are extended too far.

DO NOT run your lathe in reverse.

Your lathe can run in reverse providing you have used the M33 x 3.5mm universal threaded backplate, alongside the ASR Locking Ring or grub screws. This backplate is suitable for lathes with a M33 x 3.5mm Euro standard ASR spindle.

Extensive range of jaws are available.



Accessory Mounting Jaws

Manufactured in Axminster, these jaws are a precision fit for your chuck.

They feature a safety screw which prevents the jaws being extended too far from the chuck body. The screw is located on jaw 4 and must be in place before use.

Look out for the red dot on the side of all 4 jaws. If the dots are visible this means the screw is not in place and the jaws have been extended too far.



**Discovery SK100
Accessory
Mounting Jaws -
Code 106818**

Look through the back of the chuck to see the screw. To remove the mounting jaws, first remove the safety screw **A**.

