

which chuck do I chose?

Which Teknatool Chuck is right for you?

Having three options for you, Teknatool has covered all the bases! But you may be a little confused as to which chuck is the most suitable for your workshop.










Use the handy guide below to help you decide!

Information has been extracted from the Catalogue. For more details, see www.teknatool.com



Both top and bottom photos:
From Left to Right:
SuperNova, Nova, and Compac.



	Nova Compac Chuck	Nova Chuck	SuperNova Chuck
The Chuck			
Lathe Type	Mini, midi and lathes up to 12" (304mm) swing over bed. Perfect size for small lathe use, but can be used on some larger work.	Can be used on smaller lathes, but most suitable on mid range lathes - 12" to 16" (304mm to 406mm) swing over bed.	Designed for power workholding on lathes around 16" to 20" (406mm to 508mm) swing over bed- not very suitable for small lathe work.
Operating Action	 Two lever, two handed operation. Fast action, ideal for small work.	 One lever, One C shaped spanner. Two handed operation. Fast Action.	 One T bar lever, One hand operation. Slower geared action, most suitable for larger work.
Power	● ● ●	● ● ● ●	● ● ● ● ●
Gripping Action	Expansion Mode (into recess) and Contraction Mode (both squares and rounds)	Expansion Mode (into recess) and Contraction Mode (both squares and rounds)	Expansion Mode (into recess) and Contraction Mode (both squares and rounds)
Project Bowl Size	Up to 304mm/12" diameter bowls. (Using standard jaws)	Up to 406mm/16" diameter bowls. (Using standard jaws)	Up to 736mm/29" diameter bowls (Using a special accessory jaw)
Project Spigot Length	Up to 101mm/4" length (Using standard jaws)	Up to 152mm/6" length. (Using standard jaws)	Up to 482mm/19" length. (Using a special accessory jaw)
Jaw Slide Profile	Round 	Square 	Square 
Accessories	Compac 20mm Jaws, Woodworm Screw, Jaw Adaptor Plate (to take some Nova & SuperNova Accessory Jaws) & with adaptor plate can take some Nova & SuperNova jaws - the 25mm, Pin, 50mm, 75mm, 45mm Spigot and 100mm jaws can be fitted. Not suitable for any other Nova & SuperNova accessory.	Largest Range of Accessories of any chuck - 25mm jaws, Pin jaws, 50mm jaws, 75mm jaws, 100mm jaws, Vari jaws, 130mm jaws, 35&45mm spigot jaws, Cole Jaws, PowerGrip Jaws, Vacuum Faceplate, Spur, Insert Spanner, Woodworm etc.	Largest Range of Accessories of any chuck - 25mm jaws, Pin jaws, 50mm jaws, 75mm jaws, 100mm jaws, Vari jaws, 130mm jaws, 35&45mm spigot jaws, Cole Jaws, PowerGrip Jaws, Vacuum Faceplate, Spur, Insert Spanner, Woodworm etc.
Steel & Finish	Made from solid 1045K Carbon Machine Steel	Made from solid 1045K Carbon Machine Steel, Black Oxidised Rust Protectant Finish.	Made from solid 1045K Carbon Machine Steel, Nickel Plated Body for maximum anti-rust protectant, some components Black Oxidised finished for rust protection. Gearing is precision machined from 1045K Carbon steel & hardened.
Manufacturing Tolerances	Precision manufactured, made to run within the following tolerance limits: Face runout maximum: 0.1mm (0.0039 inch) Radial runout maximum: 0.13mm (0.005 inch)	Precision manufactured, made to run within the following tolerance limits: Face runout maximum: 0.1mm (0.0039 inch) Radial runout maximum: 0.13mm (0.005 inch)	Precision manufactured, made to run within the following tolerance limits: Face runout maximum: 0.1mm (0.0039 inch) Radial runout maximum: 0.13mm (0.005 inch)
Threads Covered	1"10tpi, 3/14"16tpi, 1"8tpi.	Largest range of lathe compatibility of any chuck on market - fits wide range of lathes using insert system, also some direct threaded versions.	Largest range of lathe compatibility of any chuck on market - fits wide range of lathes using insert system, also some direct threaded versions.