



nova™

Chuck and Accessories Catalog

NOVA was the first to bring 4 Jaw Self Centering Chucks to Wood Turning back in 1988. NOVA chucks are still the most popular brand of Wood Turning chucks on the market. Feature packed and one of the highest quality chucking systems available, NOVA is the chuck of choice for thousands of Wood Turners and Wood Workers every year, for over 25 years. See more on page 3.



YOUTUBE



2 YEAR WARRANTY

2 year comprehensive full replacement warranty on all chuck products



Order from your nearest Nova Distributor or phone 9.00am to 5.00pm EST Monday through Friday • 24hr fax and web ordering

Fax: 727-623-0902 Ph: +33 6 34950302 Email: Online: www.teknatool.com

NOVA Precision Midi Chuck

Minimises loads on small spindles and bearings. Very accurate, high quality - built to the same exacting standards as the SuperNOVA² and Titan Chucks. Takes same accessory range as the other NOVA Chucks, same insert/adaptor, to deliver you maximum versatility. Auto jaw stop, copper composite jaw slides, Woodworm Screw and 50mm Jaws as standard - has many features that are found on more expensive chucks. Quick two handle operation makes it ideal for fast production turning of smaller pieces.



Woodworm Screw as standard for fast mounting of rough timbers.



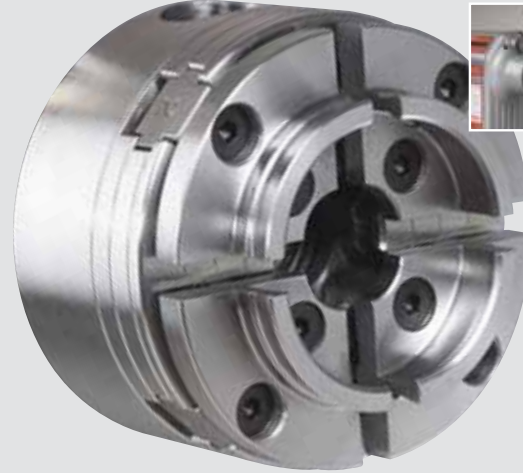
2 Handled Operation for fast mounting of projects.

DESCRIPTION	SKU
NOVA Precision Midi Chuck - 1"8 TPI RH Thread	48111



NOVA G3 Geared Chuck

The next generation smaller geared chuck, ideal for Mini, Midi and smaller lathes with up to 14" diameter swing. Provides a high power geared chuck option for smaller lathes. It's light weight and with less spindle overhang is perfect for smaller lathe spindles, reducing stress on them. The powerful geared TuffLock™ grip with its precise, hardened gear action delivers incredible smooth strength for a solid, vibration free performance. The chuck key has a fast, positive location, and is easy and comfortable to use. The single handed operation means more time spent turning and less time spent preparing.



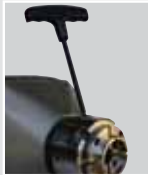
High powered gearing delivers outstanding grip for little effort.

DESCRIPTION	SKU
NOVA G3 Geared Chuck	48202
NOVA G3 Reversible for Comet II Lathe	48232
Direct Threaded M33	48215



SUPERNOVA² Chuck

This powerful and solid chuck is perfect for use on lathes with up to a 20" swing. It's a brilliant all around geared chuck for a majority of users. Packed with exciting innovative features such as a fully sealed composite indexing backing plate and copper infused jaw slides, the SuperNOVA² is the leading chuck of choice in the market today. Its patented gearing system delivers incredible gripping power - you'll find yourself turning longer, more delicate stems. Large, uneven and rough work that you couldn't handle before can be turned with greater security. The SuperNOVA² requires only one hand to operate use a ball nosed Allen Key with a large easy grip handle, its quick to tighten. It has a fully sealed heavy duty indexing backing plate made from Duracon 25 composite which is reinforced with stranded glass fibre.



Powerful geared action with comfortable, Easy Grip Handle, with unique Tilt Away action.



Unique high tech composite indexing backing plate.

DESCRIPTION	SKU
Supernova ² 'Z' Insert Chuck (with 50mm Jaws Chuck)	23055
Supernova ² 'M33' Direct Thread Chuck	23062
Supernova ² Companion Insert Chuck (SN2 Body only)	23067



NOVA Titan² Chuck

The largest chuck in the NOVA chuck range, ideal for larger lathes with an inboard swing over 20", up to 24" and beyond. This solid 5" diameter chuck with its larger jaw capacity delivers super aggressive holding power with its precise, hardened gear action. It comes with a fully sealed backing plate and a Ball nose Allen key with a large, easy grip handle for fast, positive location.



Great for tackling really big projects.



Ball nose, comfort grip handle.

DESCRIPTION	SKU
NOVA Titan ² Chuck - 1 1/8"8 Direct Thread	13055

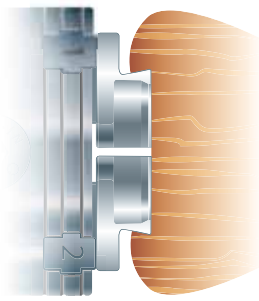


Why you should choose a NOVA Chuck



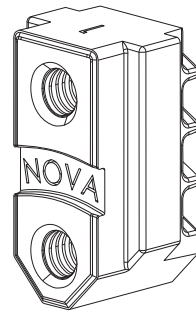
#5 most innovative woodworking product in 25 years as voted by WOOD magazine.

The Nova series chucks and jaws have been developed over many years to provide ultimate holding power, flexibility of use, reliability and value. NOVA have unrivalled experience and knowledge in the manufacture of premium quality woodturning products and are proud to offer what we believe is the highest quality chucking system available.



Dovetail Profile Designed Specifically for Wood

Unlike many other manufacturers' dovetail jaws which use a basic engineering profile more suited to holding steel, the Nova series are designed to hold wood with maximum effectiveness whilst minimising damage.



High-Tech Jaw Slides

The copper impregnated cast iron slides have an extra long life and are self lubricating for easy movement and resistance to wear.



Fully Sealed Backing Plate

The Duracon composite is reinforced with glass fibres for long life in tough conditions and has self-lubricating properties. The backing plate fully seals the chuck interior to protect it from dust and features 22 indexing points. Backing plate featured on the Supernova² only.

Universal Jaw Fixing System

All NOVA chucks feature the same jaw fixings that will accept the full range of Nova series jaws, providing great flexibility. Choose only genuine NOVA certified products. For safety and quality of fit, we do not recommend fitting any other brand accessories to NOVA chucks, or fitting NOVA brand accessories to inferior branded chucks.

High Tensile Strength

The chuck bodies are made from precision machined K1045 high tensile steel, for superior strength and performance. Polished soft metal finish allows for finer tolerances.

Precision Engineered Geared Action

With Tufflock™ technology providing precise, hardened geared action and delivering exceptionally smooth strength. Solid and vibration free.

Fits wide range of lathes.

All* NOVA Chuck models have an insert/adaptor system version to ensure maximum adaptability with different lathe spindle threads. If you change your lathe, you only need to buy a relatively inexpensive adaptor to adapt the NOVA chuck to your new lathe. (note: Lathe thread size needs to be one of the 25 adaptor sizes listed on page 7).

*Some NOVA chuck models are dedicated threaded, these versions cannot accept insert/adaptors.



SuperNOVA² Chuck shown

Easy to use, Self Centering Design

All NOVA Chucks are four jaw self centering scoll chucks. This means that you don't need to be exact in your measurements for holding, and allows flexibility in both the expansion and contraction modes. The four jaw design firmly grips both round and square wood.

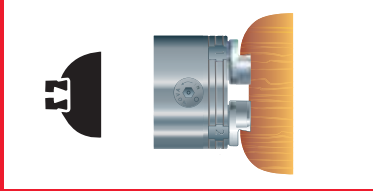
Auto Stop Safety Feature

All NOVA chucks are designed with an automatic safety stop built into the jaw slide, preventing jaws from protruding beyond the chuck body, providing safe turning conditions in all operational modes.

NOVA Series Chuck Jaws

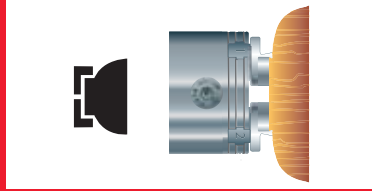
How Chucks Work

All chuck jaws, except some specialist jaws, feature combinations of the general functions shown below. These combinations and their capacities make each jaw set suitable for a variety of unique as well as general functions, meaning that each jaw set offers excellent value for money and flexibility.



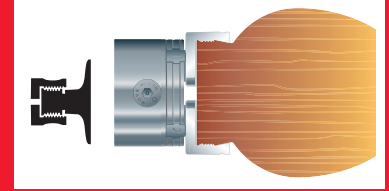
Expansion Function

The dovetail profile of the jaws provides an excellent way to grip workpieces from the inside, for example when a visible spigot is not desired on bowls. Deeper jaws are suited to other projects, such as pepperpots.



Contraction Function

Another popular method of holding bowls is to grip a spigot (or base) from the outside. The jaws also feature a dovetail profile for this external gripping function to ensure a strong, secure hold on the workplace. External gripping can be used for a variety of projects from bowls to large hollow vessels such as vases.

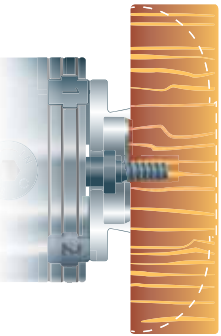


Gripping Function

Some jaws in the range feature teeth on the inner walls of the jaws, making them ideal for a variety of uses from holding irregular timber such as green wood and logs to holding very large and heavy workpieces which can be parted off when complete.

Specialist Nova Chuck Jaws

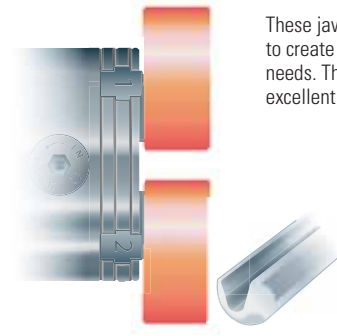
10006 Safe Lock™ Woodworm Screw



Supplied standard with most NOVA chuck models. (Check our website or with retailer). Provides a quick and easy method to mount uniform bowl blanks up to 14" diameter. Provides a secure mounting to form the outside of bowls.



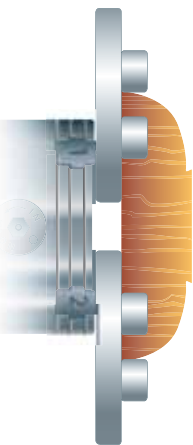
6021 Soft Jaws



These jaws can be easily cut using standard tools to create custom jaws to perfectly suit the turner's needs. The characteristics of the nylon mean excellent grip is achieved without marking the wood.



JSCOLE Cole Jaw Set & 6006 Mini Cole Jaws



A versatile jaw designed for re-mounting of bowls to remove chuck marks, add decoration or to re-shape the bottoms of bowls that have already been turned. Standard Cole Jaws are suitable for lathes with minimum 12"/300mm swing diameter and Mini Cole Jaws are suitable for lathes with minimum 8"/203mm swing diameter. Optional 6030 Jaw Buffer Kit greatly extends workholding options of the Cole Jaws see Page 7.

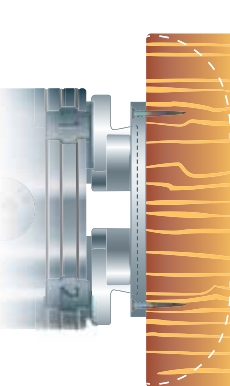
6006



JSCOLE



6000, 6001 & 6002 Faceplate Rings



A strong and fast mounting method for bowl blanks, providing an alternative to the woodworm screw as they are suitable for holding larger blanks due to the stronger hold provided by multiple screws.

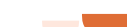
6000



6001



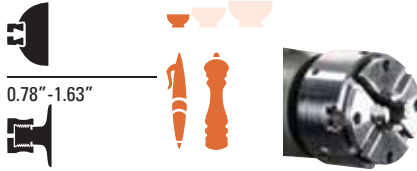
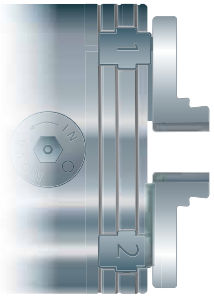
6002



The sizes listed here are for the range of travel for the G3 and SuperNova2 Chuck. For the NOVA Titan and NOVA Precision Midi Chucks, please refer to our website.

JS20N Mini 20mm (3/4") Jaws

Ideal for small bowl and small unsupported spigot turning work. Perfect for mini/midi lathe work, or for work below the size that can be handled by the 50mm jaw set.



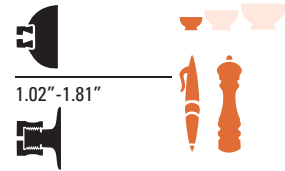
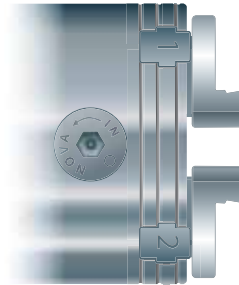
0.78"-1.63"

Square 0.78"-0.39"

Spigot 1.18"-0.31"

JS25N 25mm (1") Jaws

One of our most popular and convenient jaws for small bowl and small unsupported spigot turning work. Ideal for mini/midi lathe work, or for work below the size that can be handled by the 50mm jaw set.



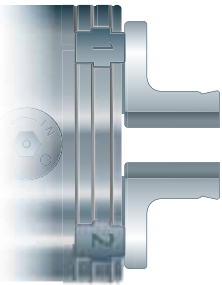
1.02"-1.81"

Square 1.10"-0.35"

Spigot 1.22"-0.39"

JSPIN Pin Jaws

These extended jaws act like a pin chuck, expanding into a pre-bored hole. A useful technique for free form edge bowls as you don't have to bore an exact size as with other pin jaws. The longer jaws allow for a very powerful spigot grip for smaller work. Also features a small dovetail which grips work away from chuck face, allowing access to some outside bowl turning



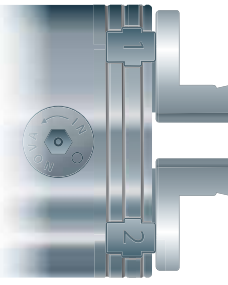
1.02"-1.81"

Square 1.10"-0.27"

Spigot 1.22"-0.39"

6026 Mini Spigot Jaws

These are powerful spigot jaws for smaller delicate work. The longer jaws allow for strong spigot and precise grip needed for unsupported small, longer work. A dovetail profile allows for expansion into small recesses.



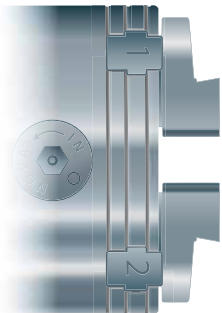
0.98"-1.77"

Square 1.22"-0.39"

Spigot 1.18"-0.31"

6019 35mm (1.35") Bowl Jaws

The 35mm bowl jaws fit perfectly into the current jaw range, filling the gap between the 25mm and 50mm. These jaws are perfect for small to medium sizes with maximum grip provided by the dovetail.



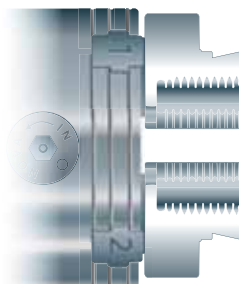
1.49"-2.32"

Square 1.14"-0.31"

Spigot 1.22"-0.39"

JS-SP35 35mm (1.35") Spigot Jaws

Specially designed to provide a strong contracting grip to unsupported spigot turning applications, e.g. vases and goblets. It can handle spigots from 30mm (13/36") to 50mm (2"). Also features expanding grip mode for bowls.



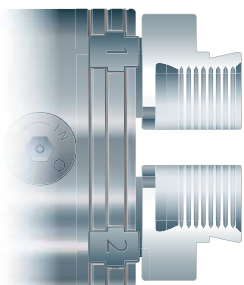
2.04"-2.83"

Square 1.77"-0.98"

Spigot 1.96"-1.22"

JS-SP45 45mm (1.8") Spigot Jaws

Same style as the 35mm spigot, these jaws provide a strong contracting grip to unsupported spigot turning applications e.g. vases, goblets. Can handle spigots from 38mm (1.5") to 60mm (2.38"). Also has expanding grip mode for bowls.



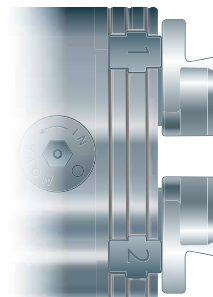
2.04"-2.83"

Square 2.00"-1.22"

Spigot 2.40"-1.61"

JS50N 50mm (2") Jaws

These jaws are standard with the G3 and Supernova² chucks. A versatile all round jaw to get you started before moving onto more specialised jaws. It is able to handle both bowl and spigot projects.



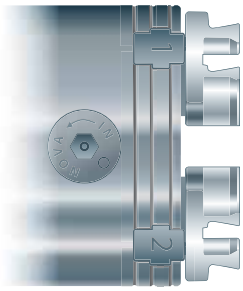
1.22"-2.04"

Square 2.04"-1.22"

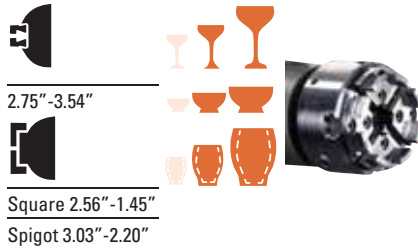
Spigot 2.5"-1.61"

NOVA Series Chuck Jaws

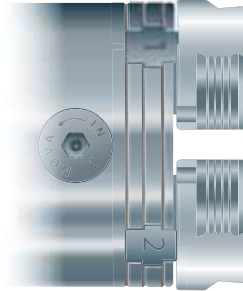
JS70N 70mm (2.75") Jaws



These extremely versatile jaws are a bigger version of the standard 50mm jaws and are particularly suitable for larger work, including hollow forms.



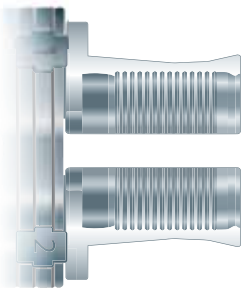
6014 75mm (3") Bowl Jaws



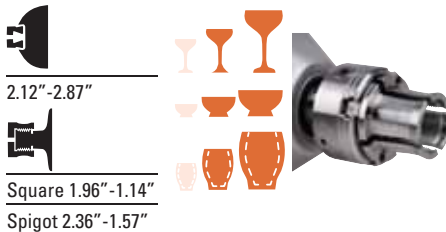
The deep and smooth dovetail walls are three times the thickness of conventional jaw types for rugged work holding for larger/heavier bowl work. The jaw screws go right through the wall section to add more securing force where it is needed the most.



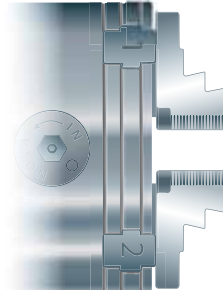
6017 Long Nosed Jaws



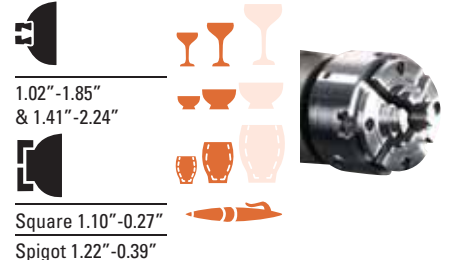
A 50mm (2") rise above their mounting base means a very long reach deep inside of bowls, providing tremendous holding power externally and internally making this a very versatile jaw. Internally features a dovetail grip for holding bowl bases. It is ideal for green wood turning.



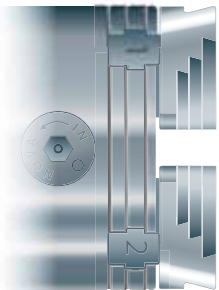
6025 Mini Step Jaws



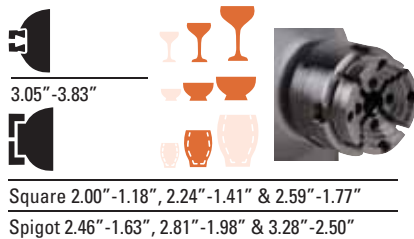
These multi-purpose dual grip jaws are designed to grip small to medium sized recesses in expansion, as well as smaller spigots in contraction, such as a pen blanks.



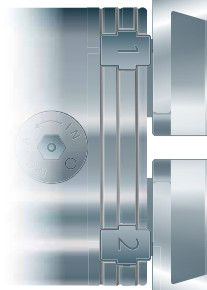
JS75DT Step Jaws



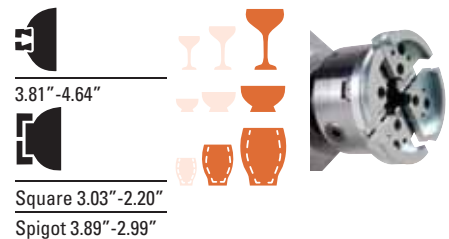
Great for gripping the base of footed bowls in the contracting mode. Three step sizes provide optimum gripping for three base sizes with minimal crush damage to the wood. Optimum step sizes: 42mm (1.65"), 50mm (2") and 64mm (2.5").



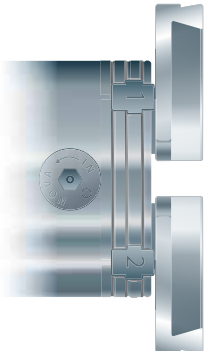
JS100N 100mm (4") Jaws



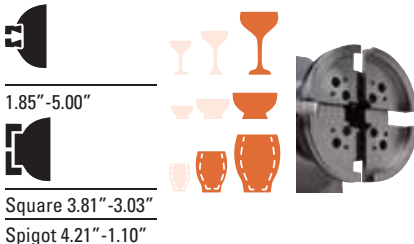
Designed for expanded dovetail, reverse dovetail and for gripping footed bowls, this is one of our most popular jaws mount 12-14" bowls. It can also mount false wooden jaws, so customised jaws can be made for special purposes.



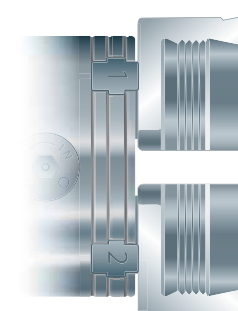
JS130N 130mm (5") Jaws



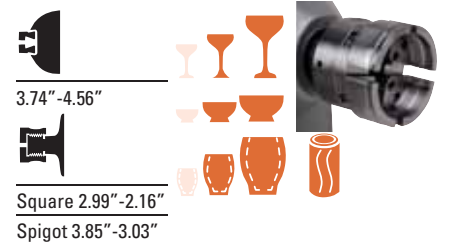
The big brother to the 100mm jaw set, designed to handle larger shallow bowl and platter work up to 750mm (29.50") in diameter. An ideal jaw for the Supernova² (the power of this chuck matches the big capacity of these jaws).



PJSN Powergrip Jaws



The most powerful jaw available for large spigot/hollow form turning on the Supernova², it is also a multi purpose jaw for bowl turners and hollow form turners. Dovetail sizes fit neatly between the 75mm (3") and the 130mm (5") jaw sets.





Chuck Insert/Adaptors Threads available:

SKU:	Thread Size
I2NS	M20x2RH
I3NS	M20x1.5RH
I6NS	3/4" Plain Bore
I7NS	1 1/8" 8TPI UNC RH
I8NS	7/8" 12TPI UN LH
I9NS	3/4" 16TPI UNF RH
IANS	3/4" 14TPI RH
IBNS	3/4" 14TPI LH
ICNS	1" 10TPI RH
IDNS	1" 8TPI RH
IENS	1" 12TPI RH
IFNS	5/8" Plain Bore
IHNS	3/4" 10TPI UNC
IINS	M24X3 RH
IJNS	1 1/8" 12TPI RH
IKNS	M18X2.5 RH
ILNS	Designed for NOVA 1 1/4" thread reversible operation lathes.
IMNS	1" 10TPI LH
INNS	Blank insert. Can be threaded up to 28mm (1 1/8")
IONS	1 1/8" 7TPI RH
IQNS	M30X3.5 RH
ISNS	5/8" Plain Bore Designed for Shopsmith lathes.
ITNS	1" 8TPI RH&LH Dual Threaded
IUNS	1 1/8" 12TPI UNF RH
IVNS	7/8" 14TPI RH
IWNS	M25X2 RH
IYNS	1 1/4" 8TPI UNS RH

Chuck Spur Centre

SKU: NCSC

- Never take the chuck off your lathe.
- Allows you to quick mount a spur center on your chuck. For the bowl turner who also does some spindle work.



Chuck Inserts/Adaptors

SKU: I(-)NS - see listing at left

- Adapts any NOVA Chuck to almost any lathe spindle at a very low cost.
- The Insert version threaded chucks of the Nova, SuperNova, SuperNova², Precision Midi, NOVA G3 and Titan all use the same insert system to ensure maximum adaptability and flexibility.
- Some threads available directly threaded into Chuck Body
- Use only GENUINE NOVA accessories and parts with your NOVA Chucks.

NOVA 10 In 1 Gauge SKU: 10051

- This handy gauge is exclusive to the Nova chuck range. Quickly and easily work out your dovetails accurately. If you use a chuck, this is an essential accessory!
- In addition, this useful gauge contains many of the useful measuring and gauging functions used in the wider workshop: An angle checker for knives, carving tools, chisels and planer blades, a diameter gauge, a centre finder, a dowel gauge, a furniture angle gauge, a ruler scale and many other functions.



Tailstock Adaptor SKU: 5016

- Allows for perfect alignment when remounting work to turn the other side in dead or live mode, saving time and material normally wasting in truing up.
- In live mode it can also be used in support work for a chuck, such as vacuum chucking. Fits the NOVA Live Centre system and NOVA Chucks and NOVA lathes, as well as all lathes with a 2MT tailstock.



Nova Universal Spanner SKU: 23079

- Features over 4 different NOVA specific functions in one handy tool.
- Automatic choice to add to your chuck toolkit.
- For use with all NOVA chucks to easily and quickly loosen the chuck and chuck inserts from the lathe spindle.
- Additional NOVA functions.

Cole Jaw Buffer Kit

SKU: 6030

- 2 Different designs in each kit - a 4 sided buffer and a long Pin buffer.
- The pin buffer provides longer contact surface with the project. It's ideal for holding longer projects and odd shaped projects.
- The multi sided buffer is reinforced with steel to provide for a super solid mounting. They can be positioned and locked in a variety of different ways giving maximum flexibility.



SAFE LOCK™ Woodworm Screw

SKU: 10006

- Standard with most chucks (check with your reseller or on our website).
- Quick and easy method to mount unformed small bowl blanks.
- Provides a secure mounting to form the outside of bowls.
- Specialist woodworm screws available for PowerGrip and Cole Jaws.



NOVA Dovetail Chisel SKU: 6008

- Enables user to quickly and accurately make the dovetail recess for the chucking of a bowl.
- Ensures a dovetail with a sharp, clean edge to match up exactly to the dovetail contour of the NOVA Accessory Jaws, to give the maximum holding power for your chuck.
- Scaled with handy mark out scale for use as a guide.

Chuck and Accessory Fastenings

SKU: CJFK (Cole Jaw Fastening Spares)

SKU: NSFK (General Chuck Fastening Spares)

SKU: SSK (Spare Screws for Jaws)





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www.teknatool.com

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