## **PRODUCT**

CATALOG 2024

Smart Tools, Powerful Solutions



#### TABLE OF **CONTENTS**

President's Welcome	2
Why Choose a NOVA Chuck?	3
Chucks & Chuck Bundles	4-7
Chuck Jaws and Inserts	8-11
DVR Motor - How Does it Work?	12
Direct Drive Drill Presses	13-15
Direct Drive Lathes	16-19
Midi Lathes	20-21
Lathes Accessories	22-24
Turning Tools	25
Accessories	26
Extended Warranty	27



Follow us on Facebook facebook.com/NOVAWoodworking



Follow us on Instagram @Novawoodworking



Watch product videos and reviews youtube.com/teknatoolnova



#### SAFETY ADVISORY!

Only use authentic NOVA accessories on your NOVA chuck. Using non-genuine NOVA accessories could lead to operation and safety issues and will void the warranty. NOVA accessories are designed for use only on NOVA Chucks.



## A message from the desk of Joel Latimer

As I sit down to write this, I can't help but feel a swell of gratitude and nostalgia. Since 1978, our family legacy has been intertwined with the vibrant tapestry of our global community, and each one of you has become an integral part of our cherished woodworking family and journey.

Innovation has always been at the heart of our company, driving us forward through the decades. From humble

beginnings, founded by my granddad, Harold Latimer, to the present day in third generation, we've strived to push boundaries, to create not just products, but tools of transformation and inspiration.

Yet amidst the whirlwind of progress, what remains constant is the warmth and familiarity of our community. You, our dear customers, are the cornerstone of our journey. Your feedback, your stories, your loyalty – they fuel our passion and shape our path forward.

As we forge ahead into the future, we do so with deep appreciation for every one of you. Your input is invaluable, and your support is unwavering. Together, we've built more than just a business; we've created a home, a family with gratitude and admiration for all you bring to our shared legacy.

Sincerely,

fel de





#### Established in 1978 - the Original Chuck Innovators!

Teknatool USA, Inc: 4499 126th Avenue North, Clearwater, FL 33762

NOVA owner? Register your warranty: www.teknatool.com/register-your-warranty/





© 2024 Teknatool® International. All rights reserved. Teknatool® USA Inc.
Due to NOVA's continual product development and improvement policy, product features
and specifications may change without notice.

While Teknatool and its subsidiaries have made every attempt to ensure that the information contained herein is accurate, Teknatool and its subsidiaries are not responsible for errors or omissions, or for results obtained from the use of this information.



# THE ONLY CHUCK BRAND WITH A FAMILY LEGACY OF INNOVATORS!

For over four decades, since 1978, **NOVA** has been synonymous with cutting-edge advancements in woodturning. In 1988, we pioneered the industry with the world's first 4-jaw self-centering chuck system setting new standards for precision and versatility. This unmatched original design reflects our commitment to excellence, earning us Wood Magazine's "Best Innovation of the Past 25 Years" award.

With one of the most extensive ranges of chucks and jaws, **NOVA** has led and successfully continues to cater to the industry with our commitment to innovation. Experience **NOVA's** unparalleled holding power, interchangeability, reliability and value. This year, we demonstrate our confidence in our products with a **10-year** warranty on chucks and jaws (excluding soft jaws).

Our NOVA tools are expertly designed with woodturners, for woodturners! Your passion inspires our design!

**Premium Strength and Durability:** Crafted from precision machined high tensile steel, **NOVA** chuck bodies guarantee superior strength and impact-resistant performance. Our **PRO-TEK** line of chucks include premium rust-resistant plating, ensuring longevity and durability. Polished to a soft metal finish, **NOVA** chucks offer finer tolerances for a worry-free turning experience.

**Effortless Self-Centering Design:** Say goodbye to measurement worries with **NOVA's** four jaw self-centering scroll chucks. **NOVA's** innovative design firmly grips both round and square wood, providing unmatched flexibility in expansion and contraction modes for every project. Embrace worry-free turning with **NOVA's** precision engineering.

**Precision Geared ActionTuffLock Technology:** Achieve unparalleled slide holding power with our advanced Geared ActionTuffLock technology. Experience a seamless, vibration-free turning journey like never before.

**Built-in Auto Stop Safety:** Safety is paramount in every **NOVA** chuck. All **NOVA** chucks are equipped with an automatic safety stop feature, preventing jaw protrusion beyond the chuck body for a secure turning environment in all conditions.

**Versatile Thread Options:** Choose between Direct Thread or Insert versions to suit your lathe setup. Direct thread chucks offer specific threading, while Insert version chucks provide adaptability with various inserts, ensuring maximum versatility with different lathe spindle threads. With over 25 adapter size options available from **NOVA**, adapting your chuck to different lathe setups is a breeze.

Unrivaled Accessory Compatibility: Enjoy ultimate flexibility with NOVA chucks. Featuring universal jaw fittings compatible with the full range of NOVA series jaws\*, our chucks offer unmatched adaptability for every turner's needs. With the largest range of accessories on the market, NOVA ensures compatibility and safety, delivering peace of mind for your turning projects.

We advise against using accessories from other brands with **NOVA** chucks, or using **NOVA** brand accessories with lower-quality chucks, to ensure safety and proper fit. Any use of non-NOVA accessories voids the warranty.

\*Except for Compac and Infinity model chucks. TITAN III Large Bowl Jaws only fit the TITAN III.







#### **PRO-TEK PREMIUM CHUCK SERIES**



#### THE NEXT GENERATION OF CHUCK INNOVATION!

The **NOVA PRO-TEK CHUCKS** bring confidence to your creations. Our high-quality chucks feature premium rust-resistant plating, ideal for turning green woods. The copper-infused, precision-cast jaw slides for effortless movement and resistance to wear and tear. The Jaw mounting profile is cross-compatible with all NOVA Jaws. NOVA's spindle adapter system — fit your NOVA Insert chuck to various lathe spindle threads. Our stronger and more versatile 2" (50mm) **PRO-TEK** Jaws with an improved dovetail and serrated profile for maximum versatility.

**PRO-TEK** unique woodturning dovetail profile pulls the project into the chuck and firmly holds round and square stock. Work faster and safer, NOVA's SafeLock™ woodworm screw is included for fast mounting of rough material. Single-handed operation offers fast and convenient mounting for your project: quicker setup equals more time to turn. Featuring a precision laser etched jaw numbering which allows ease of jaw and slide alignment, positioning, and quick change-outs.

SKU: 48293 PRO-TEK G3 CHUCK BUNDLE



PRO-TEK G3 direct thread 1" x 8TPI reversible chuck includes (direct thread will not accept spindle inserts. Will only accept NOVA spindle adapters 9084 or 9085), PRO-TEK 2"Jaws (350mm), 4" (100mm) Jaws and Pin Jaws set, in a sturdy storage and carry case.

Up to 14" (350mm) diameter bowls (using standard 2" (50mm) Jaws) and up to 6" (150mm) length Spindles (using standard 2" (50mm) Jaws). Other accessory Jaws will extend your capacity.

SKU: 23108
PRO-TEK SUPERNOVA2
CHUCK BUNDLE



Includes Supernova2 insert version chuck (requires spindle insert chuck adapter), PRO-TEK 50mm /  $2^{\circ}$  Jaws, 100mm /  $4^{\circ}$  Jaws and the  $5^{\circ}$  (130mm) Jaws in a sturdy storage carry case. Up to  $20^{\circ}$  diameter lathe capacity.

Bowls up to 14" (350mm) (using standard PRO -TEK 2" (50mm) Jaws) and up to 6" (150mm) length Spindles (using standard 2" (50mm) Jaws). Other accessory Jaws will extend your capacity.



## **Backed by 10-Year Full Replacement Warranty**

- CNC precision machined for unparalleled tolerances and accuracy.
- Intuitive clockwise scroll rotation & rotational arrow for easy reference and fast opening and closing.
- Auto safety stop feature to keep Jawslides from protruding past the chuck body.



Microfiber workshop towel (11.5"x10.5"), to keep chucks and jaws well maintained!

SKU: 48290 PRO-TEK G3 Insert Version

SKU: 48291 PRO-TEK G3 Reversible 1" x 8TPI Direct Thread

SKU: 23262 PRO-TEK SUPERNOVA2 Insert Version

See accessories on page 10!

#### **nova**"LITE CHUCK SERIES

#### SKU: 48287 - LITE G3 Chuck 1" x 8TPI Reversible Direct Thread

Ideal for mini, midi and smaller lathes with up to 14" diameter swing. Provides a high power geared chuck option for smaller lathes. Light weight and with less overhang which is perfect for smaller lathe spindles as it reduces stress on the spindle.

The powerful geared TuffLock™ grip with its precise, hardened gear action delivers a solid, vibration free performance. The chuck key has a fast, positive location, and is easy and comfortable to use. Single-handed operation means more time spent turning and less time preparing. 48287 will not accept chuck insert. Will only accept NOVA spindle adaptors: SKU: 9084, or SKU: 9085

Direct thread chuck reversible 1" x 8TPI (will not accept chuck insert. Will only accept NOVA spindle adaptors 9084, 9085) 48287 and 48286 Include 2" (50mm) Jaws, Chuck Key and Fastenings

## SKU: 23281 - LITE SUPERNOVA2 1" 1/4 x 8TPI Direct Thread Chuck

This powerful and solid chuck is perfect for use on lathes with up to a 20" swing. Packed with innovative features such as a fully sealed composite indexing backing plate and copper infused jaw slides. Large, uneven and rough work that you couldn't handle before can be turned with greater security.

Requires only one hand to operate the ball nosed Allen key as it has a large easy grip handle; making it quick to tighten. Its patented gearing system delivers incredible gripping power. You'll find yourself turning longer, more delicate stems.

Direct Thread chuck 1 1/4" x 8TPI (Will not accept chuck insert. Will only accept NOVA spindle adapter 9083, 9086) 23281 and 23264 include 2" (50mm) Jaws, Chuck Key and Fastenings

#### SKU: 48286 - LITE G3 Insert Chuck

(Insert required as a separate purchase)



#### SKU: 23264 - LITE SUPERNOVA2 Insert Chuck

(Insert required as a separate purchase)



#### **COMPANION CHUCKS / BODY ONLY**



SKU: 23282 - LITE SUPERNOVA2 Direct Thread 1 1/4" x 8TPI

Includes Supernova2 Chuck Body and T-Bar Wrench Only

SKU: 23269- LITE SUPERNOVA2 Insert Chuck

Includes Supernova2 Chuck Body and T-Bar Wrench Only



SKU: 48315 - LITE G3 Direct Thread 1" x 8TPI

Includes G3 Chuck Body and Chuck Key Only

SKU: 48316 - LITE SUPERNOVA2 Insert Chuck

Includes G3 Chuck Body and Chuck Key Only

## SKU: 13060 - Titan III Chuck Direct Thread 1-1/4" x 8TPI

Our largest and most powerful chuck. Superior holding power for large projects with 3 mounting screws for each jaw (for the jumbo sized PowerGrip jaws included). Fits most lathes with a 16" or larger swing. Capable of handling much larger work than the SUPERNOVA2 can handle.

Fully sealed backing plate. Extra-long, precision hardened jawslides with safety stop, featuring 3 screw positions for added security. Fast adjustment and powerful grip with precise hardened geared action. Ball nose, comfort grip handle locks positively and quickly into pinion. Plus, two optional large, heavy duty bowl jaws with wide face and deep grip – specially designed for large turning projects. Will not accept chuck insert. Will only accept NOVA spindle adapters 9083, 9086.

Includes 5" PowerGrip jaws (exclusive to Titan III), T-bar handle, Woodworm Screw, 8 Mounting Screws 2 Hex Wrenches and Fastenings



#### **NOVA** PRECISION MIDI SELECT

## SKU: 48122 - Precision Midi Select Direct Thread 1" X 8TPI Chuck

This 4-jaw self-centering chuck minimizes loads on small lathe spindles and bearings. This cost effective small chuck is suitable for smaller wood lathes with up to 12" swing. The NOVA Precision Midi Select Chuck comes standard with features such as auto stop, copper composite jaw slides, and 2" (50mm) jaws. The quick two handle operation makes it ideal for fast turning of smaller pieces and takes the same accessory range as other NOVA Chucks. The NOVA Precision Midi Select is a Direct Thread 1" x 8TPI Chuck.

Note: Will not accept insert. Will only accept NOVA Spindle Adapters: SKU: 9084 and 9085

- Includes 2" (50mm) Jaws, 2 lock handles, Fastenings, 8 Mounting Screws and 2 Hex Wrenches
- Auto Stop so jaws don't protrude past chuck body
- Fits the full range of NOVA chuck accessories
- Fast and easy two-lever operation



## SKU: 48123 - Precision Midi Select Direct Thread 1" X 8TPI 2 Jaw Bundle

This 4-jaw self-centering chuck minimizes loads on small lathe spindles and bearings. This cost effective small chuck is suitable for smaller wood lathes with up to 12" swing. The NOVA Precision Midi Select Chuck comes standard with features such as auto stop, copper composite jaw slides, and 2" (50mm) jaws. The quick two handle operation makes it ideal for fast turning of smaller pieces and takes the same accessory range as other NOVA Chucks. The NOVA Precision Midi Select is a Direct Thread 1" x 8TPI Chuck.

Note: Will not accept insert. Will only accept NOVA Spindle Adapters: SKU: 9084 and 9085

- Includes 2" (50mm) Jaws, 25mm Jaws, 2 lock handles, Fastenings, 8 Mounting Screws and 2 Hex Wrenches
- Auto Stop so jaws don't protrude past chuck body
- Fits the full range of NOVA chuck accessories
- Fast and easy two-lever operation



## SKU: 48124 - Precision Midi Select Direct Thread 1" X 8TPI 3 Jaw Bundle

This 4-jaw self-centering chuck minimizes loads on small lathe spindles and bearings. This cost effective small chuck is suitable for smaller wood lathes with up to 12" swing. The NOVA Precision Midi Select Chuck comes standard with features such as auto stop, copper composite jaw slides, and 2" (50mm) jaws. The quick two handle operation makes it ideal for fast turning of smaller pieces and takes the same accessory range as other NOVA Chucks. The NOVA Precision Midi Select is a Direct Thread 1" x 8TPI Chuck.

**Note:** Will not accept insert. Will only accept NOVA Spindle Adapters: SKU: 9084 and 9085

- Includes 2" (50mm) Jaws, 25mm Jaws, and 70mm jaws, 2 lock handles, Fastenings, 8 Mounting Screws and 2 Hex Wrenches
- Mounting Screws and 2 Hex Wrenches
- Auto Stop so jaws don't protrude past chuck body
- Fits the full range of NOVA chuck accessories
- Fast and easy two-lever operation





Woodturning is good for the mind and soul!



#### SKU: 48306 - LITE G3 Pen Turning Chuck Bundle Direct Thread 1" x 8TPI

#### (Ideal for Pen Turning!), includes:

- LITE G3 Direct Thread 1" x 8TPI Reversible Chuck (48287) Does not accept chuck insert. (Will only accept NOVA spindle adaptors 9084 or 9085.)
- 2" (50mm) Jaws (JS50N)
- 2MT Mandrel Server (9048)

- Pen Jaws (6034)
- Sliding T-Bar Handle
- · Woodworm screw and fastenings in a sturdy storage case with handle.



#### SKU: 48308 LITE Bowl Turning Chuck Bundle Direct Thread 1" x 8TPI

#### (Comes in a Sturdy Storage Case!), includes:

- LITE G3 Direct Thread 1" x 8TPI Reversible Chuck (48287) Does not accept chuck insert. (Will only accept NOVA spindle adaptors 9084 or 9085.)
- 2" (50mm) Jaws (JS50N)
- 10" (254mm) Cole Jaws (JSCOLE)

- Cole Jaw Buffer Kit (6030)
- · Sliding T-Bar Handle
- Woodworm screw and fastenings in a sturdy storage case with handle.
   Please Note: Requires minimum lathe swing of 12" (304mm)



#### SKU: 23270 - LITE SUPERNOVA2 Bowl Turning Chuck Bundle Insert Version

#### (Comes in a Sturdy Storage Case!), includes:

- LITE SUPERNOVA2 Insert Chuck (23264)
- 2" (50mm) Jaws (JS50N)
- 12" (304mm) large Cole Jaws (6040)
- Cole Jaw buffer kit (6030)

- T-Bar Handle
- · Woodworm screw and fastenings in a sturdy storage case with handle.
- Requires Insert to fit to your specific lathe spindle.

Please Note: Requires minimum lathe swing of 14"



#### SKU: 23271 - SUPERNOVA2 Chuck and Jaw Accessory Bundle Insert Version

(Our most popular chuck accessories in one easy & convenient bundle), includes:

- SUPERNOVA2 Chuck (23264 insert required, sold separately)
- 1" (25mm) Jaws (JS25N)
- · 4" (100mm) Jaws (JS100N)
- · Standard 10" Cole Jaw (JSCOLE)

 This bundle enables you to do small bowl and tenon work (less than 1/2") to larger work (up to 14") plus refinishing of bowl bottoms

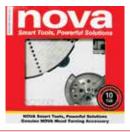


#### SKU: 6033 - Popular Chuck Jaw Accessory Bundle

(Ideal for mini/midi lathe work), includes:

- 1" (25mm) Jaws (JS25N) for small bowl and small unsupported tenon turning work.
- 4" (100mm) Jaws (JS100N) designed for expanded dovetail, reverse dovetail for gripping footed bowls. One of our most popular jaws to mount 12"-14" bowls.
- Standard / 10" Cole Jaws (JSCOLE) a versatile set designed for re-chucking of bowls to remove chuck marks, add decoration or to reshape the bottoms of bowls that have already been turned.

Please Note: Standard Cole Jaws are suitable for lathes with a minimum 12" (300mm) swing diameter.



#### SKU: 6037 - Large Chuck Jaw Accessory Bundle

(NOVA's largest chuck accessories for when you want to do BIG work), includes:

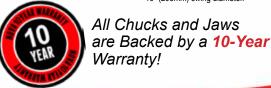
- 5" (130mm) Jaws (JS130N) designed to handle large work up to 29" (750mm) diameter.
- PowerGrip Jaws ( PJSN) the most powerful Jaw available for large tenon & hollow form turning Dovetail sizes fit neatly between the 3" (75mm) and 5" (130mm) jumbo Jaw sets.
- Long Nose Jaws (6017) 2" (50mm) rise above their mounting base means very long reach deep inside of bowls. Tremendous holding power externally and internally - very versatile Jaw.



#### SKU: 6038 - Small Chuck Jaw Accessory Bundle

(NOVA's most popular smallest chuck accessories in one easy and convenient bundle!), includes:

- 0.78" (20mm) Jaws (JS20N) for work that is below the 1" (25mm) Jaws
- Mini Spigot Jaws (6026) longer Jaws allow for very powerful tenon grip for smaller work such as lace bobbins.
- Mini Cole Jaws (6006) a versatile set designed for re-chucking of bowls to remove chuck marks, add decoration or to reshape the bottoms of bowls that have already been turned. Mini Cole Jaws are suitable for lathes with a minimum 10" (203mm) swing diameter.





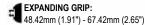




#### SKU: 6088 - Greenwood 50mm (2") Jaws

Greenwood 50mm (2") Jaws are specifically designed to hold wet, or "green" wood better than the standard jaw design. Their advanced plating minimizes rusting, common when turning green wood due to the high moisture environment created.

Perfect for medium sized bowls and vases. The thick profile with strong serrations inside and out will provide a superior grip on fresh, more compressible wood.



#### CONTRACTING GRIP: Square: 20.71mm (0.82") - 39.71mm (1.56") Tenon: 28.40mm (1.12") - 47.42mm (1.87")



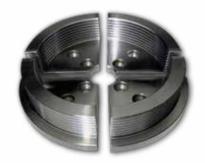
#### SKU: 6089 - Greenwood 112mm (4.4") Jaws

Greenwood 112mm (4.4") Jaws are specifically designed to hold wet, or "green" wood better than the standard jaw design. Their advanced plating minimizes rusting, common when turning green wood due to the high moisture environment created.

Perfect for large sized bowls and vases. The thick profile with strong serrations inside and out will provide a superior grip on fresh, more compressible wood.



#### CONTRACTING GRIP: Square: 63.75mm (2.51") - 84.54mm (3.33") Tenon: 88.20mm (3.47") - 110.13mm (4.34")



#### SKU: 6090 - 1" Hornung Jaws

The 1" Hornung Jaws are the perfect choice for smaller turnings. Designed to hold a 1" tenon, both dovetail and straight cylinder, these versatile jaws allow the turner to start projects with even smaller pieces of wood like, boxes, ornaments, bottle stoppers, furniture parts and other specialty items.







#### SKU: 6091 - Dome Jaws

These specifically designed jaws are perfect for small detail work. The domed shape gives the turner much more working room near the chuck for projects like finials, clock parts, birdhouse accessories and many other delicate projects. The exterior dovetail to support the smallest of vessels.



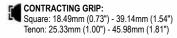




#### **SKU: 6100 - 30mm Bowl Jaws**

30mm Bowl Jaws are perfect for smaller bowls and hollow forms. The thicker jaw profile and dovetail design inside and out, provide stability and holding power for smaller diameter bowls. Shorter tenons and shallower mortices will allow you to use thinner pieces of wood due to the thickness of the jaw face of vessels.



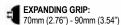






#### SKU: JS70N - 70mm (2.75") Jaws

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





CONTRACTING GRIP:
Square: 37mm (1.46") - 65mm (2.56") Tenon: 56mm (2.2") - 77mm (3.03")



#### SKU: JS25N - 25mm (1") Jaws

One of our most popular and convenient jaws for small bowl and small unsupported tenon turning work. Ideal for mini / midi lathe work, or for work below the size that can be handled by the 50mm / 2" jaw set.



26mm (1.02") - 46mm (1.81")

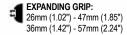


Square: 9mm (0.35") - 28mm (1.1") Tenon: 10mm (0.39") - 31mm (1.22")



## SKU: 6025 - 28mm (1.1") Mini Step Jaws These multi-purpose dual grip jaws are designed to grip small to medium sized

recesses in expansion, as well as smaller tenons in contraction, such a pen blanks.





CONTRACTING GRIP: Square: 7mm (0.28") - 28mm (1.1") Tenon: 10mm (0.39") - 31mm (1.22")



#### SKU: JS-SP35 - 35mm (1.4") Spigot Jaws

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



52mm (2.04") - 72mm (2.83")



Square: 25mm (0.98") - 45mm (1.77") Tenon: 31mm (1.22") - 50mm (1.96")



#### SKU: 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.





**CONTRACTING GRIP:** Square: 34mm (1.34") - 55mm (2.17") Tenon: 46mm (1.81") - 67mm (2.64")



#### SKU: JS20N - Mini 20mm (.8") Jaws

Ideal for small bowl and small unsupported tenon turning work. Perfect for mini / midi lathe work, or for work below the size that can be handled by the 50mm / 2" jaw set.

EXPANDING GRIP:

20mm (0.79") - 41mm (1.61")



Square: 10mm (0.39") - 20mm (0.79") Tenon: 8mm (0.31") - 30mm (1.18")

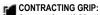


#### SKU: JS100N - 100mm (4") Bowl Jaws

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



97mm (3.82") - 118mm (4.65")



Square: 56mm (2.2") - 75mm (2.95") Tenon: 76mm (2.99") - 99mm (3.9")



#### SKU: 6019 - 35mm (1.4") 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.

EXPANDING GRIP:

38mm (1.5") - 59mm (2.32")

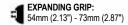


Square: 8mm (0.31") - 29mm (1.14") Tenon: 10mm (0.39") - 31mm (1.22")



#### SKU: 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 areen wood turning.



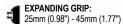
#### CONTRACTING GRIP:

Square: 29mm (1.14") - 49mm (1.93") Tenon: 40mm (1.57") - 60mm (2.36")



### SKU: 6026 - Mini Spigot Jaws

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



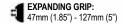
CONTRACTING GRIP:

Square: 10mm (0.39") - 31mm (1.22") Tenon: 8mm (0.31") - 30mm (1.18")



#### SKU: JS130N - 130mm (5") Jaws

The big brother to the 100mm jaw set, designed to handle larger shallow bowl and platter work up to 750mm (29.5") in diameter. An ideal jaw for the SUPERNOVA2 (the power of this chuck matches the big capacity of these jaws).





Square: 77mm (3.03") - 97mm (3.82") Tenon: 28mm (1.1") - 107mm (4.21")



#### SKU: JS50N - 50mm (2") Jaws

These jaws are standard with the G3 and SUPERNOVA2 chucks. A versatile all-around jaw to get you started before moving onto more specialized jaws. It is able to handle both bowl and tenon projects.

EXPANDING GRIP: 31mm (1.22") - 52mm (2.04")

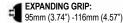


Square: 31mm (1.22") - 52mm (2.04") Tenon: 41mm (1.61") - 64mm (1.61")



#### SKU: PJSN - 75mm (3") PowerGrip Jaw Set

The most powerful jaw available for large tenon/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.



CONTRACTING GRIP:

Square: 55mm (2.17") - 75mm (2.95") Tenon: 76mm (2.99") - 98mm (3.86")



#### SKU: JS-SP45 - 45mm (1.8") Spigot Jaws

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





Square: 31mm (1.22") - 50mm (1.96") Tenon: 41mm (1.61") - 61mm (2.4")



All Chucks and Jaws are Backed by a 10-Year Warranty!





#### SKU: JSPIN - 17mm (0.9") 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 tenon grip for smaller work. Also features a small dovetail which grips work away from chuck face, allowing access to some outside bowl turning.



26mm (1") - 46mm (1.81")

Square: 6.9mm (0.27") - 28mm (1.1") Tenon: 9.9mm (0.39") - 31mm (1.22")



#### SKU: JS75DT - 53mm (2.08") Step Jaw Set

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").



77mm (3") - 97mm (3.83")



Square: 30mm (1.18") - 50mm (2"), 57mm (2.24") -35.8mm (1.41"), 45mm (1.77") and 66mm (2.59") Tenon: 41mm (1.63") - 62mm (2.46"), 50mm (2") -71mm (2.81") - and 63.5 (2.5") - 83mm (3.28")

#### SKU: 6087 - PRO-TEK 50mm (2") Chuck Accessory Jaw Set

At NOVA, we work hard to build product experiences that fulfill our customers' actual needs. Customer involvement and feedback were critical to the success of our design process.

We listened, and went to work and created our PRO-TEK 50mm (2") Jaws with a professional turner in mind. The internal serration and true dovetail make these the ideal jaws for Bowl and Spindle work.

- NOVA Chuck for specific projects and applications. Package includes 8 PRO-TEK Star-head fasteners exclusive to this set!
- 🧔 With a special NOVA Woodturning Dovetail Profile, designed specifically for maximum strength and holding in woodturning, without crushing the wood
- These jaws will hold in both the contraction and the expansion modes
- Precisely machined from a single solid piece of 1045 High Tensile Steel for precise closing, durability and long life. Comes with Set of 4 Jaws and instructions.
- Ideal for those starting out before they move on to more specialized jaw sets.





Expanding Grip: 31mm (1.22") - 51.8mm (2.04")



Contracting Grip: Square: 31mm (1.22") - 51.8mm (2.04") Tenon: 41mm (1.61") - 63.5mm (2.5")





#### SKU: 6076

#### PRO-TEK Chuck Star Screw Kit - For Upgrading All NOVA Chucks!

- Set of 8 Star-head screws (T20)
- Set Screws
- Fiber Washers
- T20 Handle



#### SKU: 6077

#### **PRO-TEK Set of 8 Star-Head Screws**

- Set of Star Head fastening (T20) screws for Set of 8 Star-head screws
- Standard on all PRO-TEK Chucks. A great replacement for all NOVA Chucks





#### SKU: JSCOLE - Cole Jaw Set 10" (254mm)

- A versatile set designed for re-chucking of bowls to remove chuck marks, add decoration or reshape the bottoms of bowls that have already been turned.
- Suitable for lathes with minimum 12" (305mm) swing diameter



#### SKU: 6006 - Mini Cole Jaw Set 8" (203mm)

- A versatile set designed for re-chucking of bowls to remove chuck marks, add decoration or reshape the bottoms of bowls that have already been turned.
- Suitable for lathes with minimum 10" (254mm) swing diameter



#### SKU: 6040 - Cole Jaw Large 12" (305mm)

- A versatile set designed for re-chucking of bowls to remove chuck marks, add decoration or reshape the bottoms of bowls that have already been turned.
- Suitable for lathes with minimum 14" (355.6mm) swing diameter



#### SKU: 6039 - Cole Jaw Extension (3") 76.4mm

- Easily extends your 12" (305mm) Cole Jaws to 15" (381mm) Cole Jaws
- Easy to attach
- Precision die cast (Fits SKU 6040 Only)



#### SKU: 6030 - Cole Jaw Buffer Kit

Includes 8 Long Pin buffers for and 8 Hexagonal buffers for stronger gripping power.



#### SKU: 6021 - Soft Jaw Set

- 4 Seaments of soft nylon.
- Able to be cut and custom molded by the user to their specific holding requirements.





#### SKU: 6027 - 4 Piece Mini Jaw Set

- Includes 20mm Jaws, 70mm jaws, Mini Spigot Jaws & Mini Step Jaws.
- Add even greater versatility to your NOVA chuck
- Capability to increase the gripping ability for those smaller turnings.
- A value bundle for cost savings



#### SKU: 6034 - Pen Plus Jaws

- Eliminates the need for a drill press and costly vices to drill a through hole for pens.
- Fits all NOVA Chucks

#### SKU: 6050 - 1 1/2" Multi Project Jaws

Easily convert your NOVA chuck into a fast and accurate larger spindle blank drilling facility. The big jaw profile provides a vibration free, solid grip for a variety of sizes and long shapes. Being able to finely control the drill feed on the lathe is a big advantage to prevent break out on delicate thin walled projects.

These unique NOVA Jaws can do so much more than just thin walled projects. These heavy duty jaws (secured by two screws for each jaw segment) have an internal profile to handle larger rounds with ease and minimal vibration.

Solid, extended grip design – the most popular  $1\frac{1}{2}$ " round blanks are held firmly without vibration – drill and turn your projects accurately and cleanly.

- Convenient. Do all your thin walled projects and other making operations on the lathe no need for a drill press.
- Able to finely control drill feed for those delicate projects to prevent breakout.
- Hold long round stock 2 3/8" firmly and accurately for wider project use beyond just thin walled projects, such as pepper mills.



## Works with **NOVA** Titan III Chucks - ideal for large turning projects!



#### SKU: 13040 Titan III HD 5.75" Deep Grip Jaws

- 3 Screw Hole Mount designed to fit NOVA Titan III chuck only
- Huge 5-3/4" jaw designed for turning very large work
- A great compliment to the 5" PowerGrip Jaws included with the Titan III chuck



#### SKU: 13041 Titan III HD 6.5" Deep Grip Jaws

- 3 Screw Hole Mount designed to fit NOVA Titan III chuck only
- Huge 6-1/2" jaw designed for turning very large work
- A great compliment to the 5" PowerGrip Jaws included with the Titan III chuck



#### SKU: 10006 Woodworm Screw

- Quick and easy method to mount unformed small bowl blanks
- Provides a secure mounting to form the outside of bowls



#### SKU: WWCJ Extended Woodworm Screw

- Extra length accessory for use with Cole Jaws, PowerGrip Jaws (PJSN), Titan III HD 5.75" Bowl Jaws (13040) and Titan III HD 6.5" Bowl Jaws (13041)
- Quick and easy method to mount unformed bowl blanks secures mounting to form the outside of bowls

#### SKU: 48264 Nova Chuck and Jaw Storage Case





#### **CHUCK INSERTS ADAPTER THREADS - SKU: SEE TABLE BELOW**

SKU	THREAD SIZE AND COMPATIBLE LATHES
I2NS	M20 x 2 RH Tyme Cub
I3NS	M20 x 1.5RH Electra Beckum, Multico Sumaro
I4NS	M33 x 3.5mm RH
I6NS	3/4" plain bore M6
I7NS	1 1/8" x 8TPI UN (not UNC)
I8NS	7/8" x 12TPI UN LH
I9NS	3/4" x 16TPI RH (with 6mm register)
ICNS	1" x 10TPI RH BSF TL1000, Woodfast/Durden
IDNS	1" x 8TPI RH UNC Delta, Rockwell, Golding,General, NOVA Comet (North America), Nova Mercury (no set screw)
IENS	1" x 12TPI RH UNF Myford ML8, turnstyle
IHNS	3/4" x 10TPI RH BSW Rockwell, Homecraft
IINS	M24 X 3 RH B-Line, Arundel K600/K450
IJNS	1 1/8" x 12TPI RH BSW Myford Mystro Masterlathe (NZ)
IKNS	M18 x 2.5 RH Elu DB 180
ILNS	1 1/4" x 8TPI UNS RH set screw for reverse function
IMNS	1" x 10TPI LH BSF TL1000, Woodfast/Durden

The thread sizes listed are the size which the adapter converts to. The thread size in the table should match the thread size on your lathe spindle. If you don't know your lathe spindle thread size see our website at: <a href="https://www.teknatool.com/thread">www.teknatool.com/thread</a>

SKU	THREAD SIZE AND COMPATIBLE LATHES
INNS	Blank insert. Can be thread up to 28mm (1 1/8")
IONS	1 1/8" x 7TPI RH BSW
IQNS	M30 x 3.5 RH NOVA TL1500/3000 / Comet (Euro and Southern Hemisphere), woodfast
IRNS	1" x 8TPI RH for Jet 1221 lathe
ISNS	5/8" plain bore for Shopsmith Pro V and Power Pro machines M6
ITNS	1" x 8TPI dual thread LH and RH Mercury mini lathe
IUNS	1 1/8" x 12TPI UNF RH
IVNS	7/8" x 14TPI RH NF
IWNS	M25 x 2 RH Tyme Avon ('83 on) and Classic Tanner SD165, Selbix Springwood, Sorby, Cotech
IXNS	1" x 8TPI RH M6 (for the NOVA Comet II midi lathe), features set screw for reverse function.

- Adapts an insert type NOVA chuck to almost any lathe spindle at a very low cost
- Use only genuine NOVA accessories and parts with your NOVA chucks



## THE WORLD LEADER IN DIRECT DRIVE TECHNOLOGY!

Imagine, an advanced motor engineered without reliance on belts or pulleys. This innovation, at the heart of Striatech technology, offers myriad advantages over traditional machinery. Eschewing conventional components, NOVA's intelligent machines distinguish themselves in the market, boasting superior performance, long-term reliability, cutting-edge technology features, enhanced safety, unmatched convenience, and exceptional high torque.

While others tout the durability, efficiency, or quietness of their electric motors, we proudly assert that our products encompass all these qualities and more. With years of experience and innovation, our machines exceed expectations, offering unparalleled capabilities for unique projects.



#### **POWERFUL MICRO-COMPUTER:**

The computer precisely regulates the activation of coils within the stator. Through intelligent sensing, it continuously monitors spindle position, speed, and rotation rate. For instance, at 2,000 RPM (rotations per minute), it computes spindle position 400 times per second or 24,000 times per minute.

In the event of load variation, the rotor's position signals the computer, prompting it to adjust power accordingly to ensure the machine maintains the desired RPM.



#### **KEY FEATURES:**

- Powerful & Customizable Superior performance, greater torque control and output even at low speeds with a wide RPM range.
- Intelligent Speed the micro computer's intelligent sensors allow for precise accuracy and constant RPM despite varying loads.
- Easy to use Digital Control Display offers speed recommendations & quickly saves your favorite RPM settings!
- Enhanced Safety auto-shutdown to avoid injury; nearly instant off braking easily brings the machine to a stop, even from top speeds. Password protection option to keep little hands from accessing unless supervised.
- Smooth & Quiet a virtually vibration-free experience allows the user to hear the tool cutting rather than the motor noise.
- Reliable, Low Maintenance no brushes or electrical wires, thus less
   wear and tear, and longer life with no
   belts or pulleys to adjust or replace.
- Energy Efficient the direct drive system uses up to 80% less energy than traditional motors and turns on and off with no power spikes, achieving better output.

## SKU: 83700 - VIKING DVR 16" BENCH TOP DRILL PRESS

SKU: 83715 - VIKING DVR 16" FLOOR DRILL PRESS WITH FENCE

#### **UNEQUALED TORQUE AND SMOOTHNESS.**

The NOVA Viking Smart Motor DVR 16" Bench Top Drill Press, featuring direct drive power for unrivaled torque and smoothness in this category. Make your next project easier with intelligent innovations such as the Auto-Start, Electronic Depth-Stop, Auto-Reverse and built-in LED lights, and twin guide lasers. The adjustable table can be tilted and rotated. Capable of drilling wood, metals, plastics, and glass. (\*Please note: metals, plastics, and glass may require a specialty table.)

#### **SPECIFICATIONS**

- Intelligent Direct Drive by STRIATECH 1HP / 110V-220V
- Variable Speed Range: 150-5000 RPM
- Stroke: 4.5"Swing: 16"

- Drill chuck: JT33 3/64" 5/8" (1-16mm)
- Spindle taper: 2MT
- Quill: 4.5" of quill travel in just 1-1/4 revolutions of the handle, which allows for far greater accuracy
- Dual Lasers

SKU: 83713 - Viking DVR 16" Bench Top Drill Press with Telescoping Guard

**SKU: 83716** - Viking DVR 16" Floor Model Drill Press with Telescoping Guard and Fence



SKU: 83750 -Viking Telescoping Guard

#### Viking 16" Bench Top - Dimensions / Weight

- Full Dimensions: 21" L x 16" W x 45" H
- Single Phase Input Supply. 110V-220V, MAX 10A-15A
- Column Diameter: 3.07"
- Base Size: (L x W): 22 1/4" x 17 1/2" (565mm x 445mm)
- Weight: 145lbs / 90.72kg

#### Viking DVR 16" Floor Model - Dimensions / Weight

- Full Dimensions: 21" L x 16" W x 72" H
- Single Phase Input Supply. 110V-220V, MAX 10A-15A
- Column Diameter: 3.07"
- Base Size: (L x W): 22 1/4" x 17 1/2" (565mm x 445mm)
- Weight: 200lbs / 65.77kg



Backed by 5 Year parts & components and 2 Years motor & electronics!







SKU: 58000 - VOYAGER DVR DRILL PRESS

#### THE WORLD'S FIRST SMART DRILL PRESS.

The NOVA Voyager DVR Drill Press powered by Striatech is the most versatile drill press on the market. Combining the best features of drill presses with **inNoVAting** technology makes your project work more energy efficient, and safe.

The NOVA DVR™ series of products are the only smart machines on the market and the *ONLY* machines to feature intelligent Adaptive Control™ software that automatically adjusts to deliver optimum conditions for your specific projects.

## Software that offers Intelligent Control

The smart micro-computer automatically adjusts to provide the optimum conditions for your specific projects. Sensors for superior safety, use, management, and maintenance: monitor load, depth, vibration, electronic braking, and emergency stop.

#### **More Torque**

NOVA Voyager DVR Drill Press features a 1.75 HP / \*2 HP high torque motor, built with exceptional structural strength and smart design. The 360° rotating table allows the execution of a wide variety of projects with ease. Variable settings allow you to change the speed while maintaining the same power and torque you may require for thicker materials.

\*Note: 2 HP requires 220v plug.

## Want smoother, more efficient drilling?

The direct-drive motor is incredibly smooth, featuring the unique DVR technology, with no pulleys or belts that vibrate, an internal smart micro-computer that automatically adjusts performance. The results-drill faster and more efficiently.

#### **Dimensions/Weight**

- Full Drill Dimensions: 28" L x 18 W" x 63" H
- Column Diameter: 3.62" (92mm)
- Base Size: 22.25" L x 18" W x 63" H (565mm x 445mm)
- Weight: 306lbs / 138.7kg
   \*Note: Drill press guard sold separately.

## Easy to use Features Just Plug n' Play

- Self-Starting Option
- Digital Speed Readout
- Load Readout
- Slow Start Pilot Hole Function
- Tapping Assist Function
- Electronic Braking Function
- 6" of Quill Travel in 2 Revolutions
- User Set Depth & Electronic Depth Stop
- Forward/Reverse
- Dial Knob for Speed Adjustment
- Adjustable Mechanical Stop Coupled with Digital Readout for Accurate
- Repeatable Actions

#### **Energy Efficient**

The NOVA DVR motor offers, up to, more than 80% energy savings over more traditional AC motors.

#### **Low Maintenance**

Built from solid cast iron coupled with industrial-grade electronics. The DVR motor has no permanent magnets, brushes, and commutators, thus less wear and tear and the unlikelihood of untimely repairs on motor parts.

SKU: 58008 -

Voyager DVR Drill Press with Telescoping Guard

SKU: 58501 -

Voyager Telescoping Guard Accessory





#### **DIGITAL DIRECT DRIVE DRILL PRESSES**

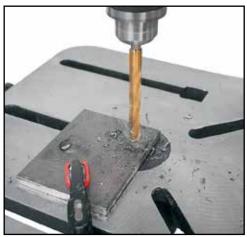




**Compatible with Specialty Cutters** - Including but not limited to; Forstner bits, circle cutters, plugs cutters, and rosette cutters. \*Not included with purchase- specialty cutters not sold by NOVA.



Make changes quickly! Power Spindle Hold for keyless chucks for swift changes.



**Versatile for many projects!** Capable of drilling metals, glass, plastics, and woods. \*Please Note: The project may require a different table.



Easy to Use Technology - Comes equipped with a digital display that showcases speed, bit, load, and depth.

#### **SPEED & MOTOR SPECIFICATIONS**

- 1.75 HP (110V) / 2 HP (220V) (with plug change) DVR Smart Motor
- Speed range: 50 3,000 RPM- default programmed setting
- Adjustable programming setting enables an increase up to 5,500 RPM
- Motor current (max.) (Amps): 15/10
- Class F winding insulation. Industrial spec for long life
- Swing: 18"

#### **TABLE SPECIFICATIONS**

- Table (woodworking) 16 1/2" x 16 1/2 (419mm x 419mm)
- Table tilt (deg.): -90° to +90°
- Table rotation (deg.): 360°

#### **SPINDLE SPECIFICATIONS**

- Spindle travel: 6" Spindle taper: 2MT
- Spindle distance to the table: (max.) 23 1/8" (587mm)
- Spindle distance to the base: 40.94" (1040mm)
- Number of spindle speeds: variable
- Includes Drill Chuck: 2MT 5/8" (1-16mm)
- Can display in imperial, fractions and metric units



Backed by 5 Year parts & components and 2 Years motor & electronics!



#### SKU: 55700 - NEPTUNE DVR MIDI LATHE

#### **Power to Turn and Burn**

1.5 HP 110/220V Digital Direct Drive DVR Motor powered by STRIATECH - more power/torque than any competitive 15" lathe on the market.

## Incredible Variable Speed Range

With a very low speed of 100 RPM up to an incredibly high speed of 4000 RPM, the NOVA Neptune is the perfect solution for a wide variety of projects from small pens to large bowls and platters.

#### 4 Customizable Speeds

Enables you to program your most used speeds for faster and more efficient project set ups.

## **4" Self Ejecting Tailstock** Makes project set ups faster and easier.

#### **Turning Capacity**

15" (381mm) capacity inboard 18" (457mm) between centers, or 20" (508mm) outboard capacity when using the outrigger accessory



#### Spindle Thread 1 1/4" x 8TPI RH

#### 360° Swivel Head & Slides Lock at any position, plus detent

Lock at any position, plus detent locating positions at every 22.5°.



Best in the industry Warranty: 10 year motor/5 year electronics and mechanical!

Redefining the benchtop lathe – Using intelligent digital direct drive motor technology from STRIATECH, the 1.5 HP Neptune provides constant speed under load and a wide array of computer-controlled programmable features that are simply not available on any other competitive lathe.

#### Standard Features

- Coarse, or fine speed adjustment over entire speed range allowing you to quickly change your speed in steps of 5 or 50 RPM per a simple twist of the dial
- Large Screen Display with icon-based Menu Control
- · Electronic braking for rapid stops
- · Speed chart guide menu
- · Chisel jam sensor/auto shutdown
- 50 RPM Drying Mode
- No transmission power lost through belts
   & pulleys
- 9" Tool Rest
- · 3" Face Plate
- Acruline 2MT Center
- Knockout Bar
- 2MT Live Center

- 2MT Spur Center
- USB A-A Cable
- · Manual & Hardware
- Spanner Wrench

#### **Specifications**

- Shipping Weight: 143lbs / 64.8kg
- 🧔 Assembled Weight: 125lbs / 56.7kg
- Dimensions: 35" L x 19" W x 17" H

#### **Additional Accessories:**

**SKU:** 55265 - 16" Bed Extension Giving you an amazing 34" between centers





SKU: 55266 - Outrigger

Turn workpieces up to 20" diameter (55264 Stand or 55267 Mounting Plates recommended for use)



SKU: 55264 - Stand

Heavy-duty Adjustable Stand



SKU: 55267 - Mounting Plates

Designed to secure the lathe to a workbench



#### SKU: 55710 - NEPTUNE MAX DVR MID-SIZED LATHE

#### **Power to Turn and Burn**

1.5 HP 110/230V Digital Direct Drive DVR Motor powered by STRIATECH - more power/torque than any competitive 15" lathe on the market.

## Incredible Variable Speed Range

With a very low speed of 100 RPM up to an incredibly high speed of 4000 RPM, the NOVA Neptune MAX is the perfect solution for a wide variety of projects from small pens to large bowls and platters.

#### 4 Customizable Speeds

Enables you to program your most used speeds for faster and more efficient project set ups.

#### 4" Self Ejecting Tailstock

Makes project set ups faster and easier.

#### **Turning Capacity**

15" (381mm) capacity inboard 28" (711mm) between centers, or 20" (508mm) outboard capacity when using the outrigger accessory

#### **Spindle Thread**

1 1/4" x 8TPI RH

#### 360° Swivel Head & Slides

Lock at any position, plus detent locating positions at every 22.5°.



**This lathe combines the best features of larger lathes** – Like the benchtop Neptune, the **Neptune MAX** uses intelligent digital direct drive motor technology from STRIATECH. The 1.5 HP Neptune MAX provides constant speed under load and a wide array of computer-controlled programmable features that are simply not available on any other competitive lathe.

#### **Standard Features**

- Coarse, or fine speed adjustment over entire speed range allowing you to quickly change your speed in steps of 5 or 50 RPM per a simple twist of the dial
- Large Screen Display with icon-based Menu Control
- · Electronic braking for rapid stops
- · Speed chart guide menu
- · Chisel jam sensor/auto shutdown
- 50RPM Drying Mode
- No transmission power lost through belts & pulleys
- 9" Tool Rest

- 3" Face Plate
- Acruline 2MT Center
- Knockout Bar
- 2MT Live Center
- 2MT Spur Center
- USB A-A Cable
- · Manual & Hardware
- Spanner Wrench

#### **Specifications**

- Shipping Weight: 230lbs / 104.3kg
- Assembled Weight: 195lbs / 88.5kg
- Dimensions: 51" L x 19" W x 49" H (Ships in two boxes)

#### **Additional Accessories:**

SKU: 55265 - 16" Bed Extension Giving you an amazing 44" between centers



**SKU:** 55266 - Outrigger Turn workpieces up to 20" diameter



#### SKU: 55600 - NEBULA DVR LATHE

#### **Power to Turn and Burn**

2 HP 110-120V Standard / 2.5 HP 220-240V, Digital Direct Drive DVR Motor powered by STRIATECH - more power/torque than any

#### other lathe on the market.

8 Favorite Speeds
Enables you to program your most used speeds for faster and more efficient project set ups. Electronic variable speeds - 100 to 4000 RPM, and 50 RPM for slow drying mode.

#### **Turning Capacity**

18" (457mm) inboard. 35" (889mm) outboard. Distance between centers: 25" (635mm)

**4.7" Self Ejecting Tailstock Center** Makes project set ups faster & easier.

#### **Spindle Thread**

1 1/4" x 8TPI

## 360° Swivel Head with sliding capability

Lock at any position, plus detent locating positions at every 22.5°. High accuracy and easy swivel. Headstock can move along bed anywhere in between for large work.

#### **Additional Accessories:**

SKU: 55261 - Outrigger Assembly -(Tool Rest and Banjo included with the Nebula lathe - Bed Extension required for Outrigger use.)



SKU: 55262 - Bed Extension 16" (406mm) Gives you a robust 41" (1041mm) between centers.





Nebula software applications open up a whole new world of lathe control functions that do not exist in traditional wood lathes. Delivers a superior, powerful direct drive system that transfers all the power you want with smooth, vibration-free efficiency over a vast speed range by simply adjusting the speed knob.

With no belts or pulleys, simply choose your material, pick up your chisel, and get to work. The lathe spindle is the rotor of the DVR Motor. Enough power (High Power 2.5HP) so that a twist of the speed knob will take you from 100 to 4,000 RPM, a range that covers any conceivable project requirement

#### **Standard Features**

- Wired Remote
- Cast Iron Stand
- Acruline 2MT Center
- Heavy Duty 2MT Live Center
- 2MT Spur Center
- 12" (300mm) Tool Rest
- Toolrest Collar
- Knockout Bar
- USB A-A Cable
- · Manual & Hardware
- USB A-A Cable
- Toolrest Collar

- · Manual & Hardware
- 12" (300mm) Toolrest



Head Turns 360° Degrees and Slides Up or Down!

#### **Specifications**

- Shipping Weight: 549lbs /249kg
- Assembled Weight: 470lbs / 213kg
- Dimensions: 50" L x 24" W x 49" H





#### SKU: 55214 - GALAXI DVR LATHE

#### **Power to Turn and Burn**

1.75 HP 110V / 2 HP 220V Digital Direct Drive DVR Motor powered by STRIATECH - more power/ torque than any competitive 16" lathe on the market.

## Incredible Variable Speed Range

With a very low speed of 100 RPM up to an incredibly high speed of 5,000 RPM, the NOVA Galaxi DVR is the perfect solution for a wide variety of projects from small pens to large bowls and platters.

#### **8 Favorite Speeds**

Enables you to program your most used speeds for faster and more efficient project set ups. Electronic variable speeds 100 – 5,000 RPM

#### **Self Ejecting Tailstock Center**

Makes project set ups faster & easier.

#### **Spindle Thread**

1 1/4" x 8TPI RH

## 360° Swivel Head with sliding capability

Lock at any position, plus detent locating positions at every 22.5°. High accuracy and easy swivel. Headstock can move along bed to be positioned at the end of the bed or anywhere in between for large work.







The NOVA Galaxi DVR™ lathe combines the best features of larger lathes – power, capacity, and capability with state of the art technology to ensure your turning is more efficient, safer, and more fun! The NOVA Galaxi DVR™ is the most versatile lathe on the market. Able to handle a wide range of work from small pens to large 29″ (737mm) bowls and long spindle work.

With no pulleys or belts to vibrate, our unique DVR™ direct drive motor is incredibly smooth. The DVR™motor series powered by STRIATECH from NOVA is the only smart lathe series available on the market, and features intelligent **ADAPTIVE CONTROL™** software that works for the turner to produce optimum turning conditions for your specific projects.

#### **Standard Features**

- 6" (150mm) Face Plate
- 12" (300mm) Tool Rest
- 2MT Live Center
- 2MT Spur Center
- Knockout Bar
- Manual and Fastenings
- Speed Knob & Favorite Speed Settings
- Speed Chart
- Speed Ramp Profiles
- Idle Motor Detection

#### **Specifications**

- Shipping Weight: 456lbs / 238.59kg
- Assembled Weight: 397lbs / 180kg
- Dimensions: 50" L x 24" W x 49" H

- Emergency Stop
- Cast Iron Legs
- Spindle Lock and 24 Position Spindle Index

#### Additional Accessory:

SKU: 55223 - Outrigger







#### SKU: 46308 - COMET II MIDI LATHE G3 CHUCK BUNDLE

#### Featuring Digital Readout Screen

Portable, space saving – yet delivers the capacity and rugged stability of larger lathes. Its powerful 3/4HP electronic variable speed motor offers a wide speed range and easy to read LCD.

#### Variable Speed DC motor

Low Speed ranges from: 250 - 680 RPM Middle Speed ranges from: 530 - 1420 RPM High Speed ranges from: 1380 RPM - 4,000 RPM Features forward and reverse options!

#### **Turning Capacity**

Bowl turning capacity: 12" / 300mm inboard. Extension Accessory to extend the beds as long your project demands. Between Centers: 16.5"/420mm. Extendable to 40" (625mm) (with optional bed extension SKU: 47015)

#### **Standard Features**

- 3/4 HP (110V) DC Motor
- 3" (80mm) Face Plate
- Knockout Bar Spindle Thread 1" x 8TPI
- 1" x 6" (152mm) Tool Rest
- 2MT Live Center
- 2MT Spur Center
- Belt Drive / Cam operated
- Manual and Fastenings



#### Other great features!

- Now Includes 48287 G3 Chuck
- Spindle Thread 1" x 8TPI RH
- Cam action easy lock on Tailstock and Tool Rest

#### **Specifications**

- Shipping Weight: 93lbs /42kg
- Assembled Weight: 85lbs /38.5kg
- Dimensions: 36"L x11.5"H x19.5"W



Backed by 2 Years mechanical and 2 Year electronics!

## SKU: 47015 - Comet II Bed Extension



## Made from solid cast iron for long life and maximum strength and rigidity.

Each extension adds 23.4" (594mm) in length to the lathe (the standard NOVA Comet II Midi Lathe comes with 16.5" (419mm) between center length).



Creativity is not a talent. It's a way of operating.

#### Did You know?

Back in 1988, **NOVA** shook up the woodturning world with our gamechanging self-centering chuck. Fast forward to today, and we're still at the forefront of innovation and top-notch quality. What's more, all our accessories are completely interchangeable between chucks, giving you unmatched flexibility and bang for your buck.



Over 35 Years of Quality and Performance!



#### **SKU: 46900 - COMET 14 DR LATHE**

**Featuring digital readout screen and 14" swing capacity -** The NOVA Comet 14 DR Lathe is the perfect solution for a wide variety of projects, from small pens to larger bowls and platters.

#### **Two Range DC Motor**

Low range from: 250 - 1,100 RPM High range from: 750 RPM up to 3,450 RPM

Ideal for miniature turning work!

#### **Turning Capacity**

Bowl turning capacity: 14" (355mm) inboard. Distance between centers: 18.5" (469mm) (Using optional accessory SKU: 46901 Extendable to 44" (1120mm)

#### **Standard Features**

- 1 HP (110V) DC Motor
- 3" (80mm) Face Plate
- 1"x 6" (152.4mm) Modular Tool Rest and Post
- 2MT Live Center
- 2MT Spur Center
- · Belt Drive / Cam Operated
- Manual and Fastenings

#### **Other Great Features!**

- Knockout Bar
- Spindle Thread 1" x 8TPI RH
- Cam action easy lock on Tailstock and Tool Rest

#### **Specifications**

- Shipping Weight: 112lbs /51kg
- Assembled Weight: 93lbs /42kg
- Dimensions: 36"L x11.5"H x19.5"W





Backed by 2 Years mechanical and 1 Year electronics!

#### SKU: 47050 - Comet Stand

This stand accessory provides a free standing platform for your NOVA Comet Midi lathe. It gives you a mobile and stable work support. Its rugged tubular steel design provides strength without adding a lot of unnecessary weight. The powder coated finish provides durability in all conditions. The specially designed V-legs allows more room under the lathe for maneuvering.

The stand adjusts length wise and height wise for ultimate flexibility, adjusting from 6" to 7-11/16" wide on hole centers and 19 -11/16" to 31-7/8" long on hole centers. The working height of the stand is adjustable from 24 -1/2" to 34 -1/2" with easy to use leveling feet.

# H

Compatible with Comet II DR (46308), Comet 14DR (46900) and Neptune (55700)

#### SKU: 47051 - Comet Stand Extension

Extend your 47050 stand to support bed extensions 47015 and 46901. Note: Will not work with Neptune bed extension 55265



## SKU: 46901 - Comet 14 Bed Extension



Made from solid cast iron for long life and maximum strength and rigidity.

This unit enables the length of the NOVA (46900) Comet 14 DR lathe to be extended. Each bed extension adds 25.6" (650mm) in length to the lathe. Total length of 44.1" (1120mm) between center with optional bed extension accessory.



## SKU: 55223 - Lathe Outrigger (Outboard) Black (Fits NOVA Galaxi, Saturn and 1624 Lathe)

- Very quick and easy to move into position
- Solid, vibration free performance
- Fast, positive locking action ready to go in less than 30 seconds
  - \* Tool rest not included



#### SKU: 55224 - Lathe Bed Extension

- Solid, vibration free performance
- Quickly add extensions as required
- Each extension adds 20" (508mm) per unit
- For (24221) 1624 Type II, black and (55241) Saturn lathes



#### SKU: 25054 - Lathe Cast Iron Stand

- Compact footprint takes up less space, but achieves maximum strength and rigidity
- Solid, vibration free performance
- Mobile and easy set up
- For DVR XP, Saturn, 1624 and Neptune Series



#### SKU: 25048 - Hybrid Stand

- This Stand is Mobile, Adjustable & Includes Feet pads
- Compact footprint takes up less space, but achieves maximum strength and rigidity
- Solid, vibration free performance
- Heavy duty cast iron corner supports, and heavy duty channeled tube legs.
- For DVR XP, Saturn, 1624 and Neptune Series



#### **TOOL RESTS**



#### SKU: TR100/1 4" (100mm) Tool Rest

- 1" (25mm) shank for super strong platform
- Cast iron with ribbing to maximize rigidity
- Small size perfect for smaller projects
- Fits all banjos with 1" shank



#### SKU: TR300/1 12" (300mm) Tool Rest

- 1" (25mm) shank for super strong platform
- Cast iron with ribbing to maximize rigidity
- Standard size perfect for most projects
- Fits all banjos with 1" shank



#### SKU: 9006 Bowl Tool Rest

- 1" (25mm) shank for super strong platform
- Solid cast iron for maximum strength
- Special curved design makes bowl turning easier – great for large bowls
- Ideal for use with the outrigger accessory
- Fits all banjos with 1" shank



#### SKU: 27007 Tool Rest Collar

- A simple collar to provide fixed height for the tool rest
- High quality solid steel with chamfered edge for turner's protection
- For all 1" tool rest shaft lathes

## FLEXIBLE POINT DRIVE CENTERS

- Spring loaded center pin
- Made to fit into the jaws of a chuck
- Eliminates the need to remove the chuck



SKU: 9019 1/2" Flexible Point Drive Center



SKU: 9020 7/8" Flexible Point Drive Center



SKU: 9021 1-1/4" Flexible Point Drive Center



#### SKU: 2MLTC 2MT Simple Live Center

- Heavy duty bearings for long life
- Used in tailstock
- Standard equipment with NOVA lathes



#### SKU: 2MTSPUR 2MT Spur Center

- 4 prong for secure holding on larger work
- Used in headstock
- Standard equipment with NOVA

#### SKU: 2MTNA Acruline System

This item can be fitted into the NOVA lathes to align the tailstock and headstock spindles (only for lathes with adjustable tailstocks or headstocks)





#### SKU: 5015 Live Center System

- Fits all lathes with 2MT tailstock
- Over 6 functions in 1 unit
- Quick change tapers for super fast mounting of center pieces
   Long life, extra tough triple bearing

Long life, extra tough triple bearing system



No need for extra

spacer bushing as the

system adapts to the

length of your project

Adapts to nearly every

Pen Mandrel on the

market with a shaft

diameter of .245" or

smaller

## SKU: 9048 Mandrel Saver 2MT with Arbor

Pen mandrels usually bend when you tighten the tailstock center point into the end indentation of your mandrel. Pen mandrel saver 2MT solves this because the mandrel shaft goes through the hollow live center, providing support without pressure. Your pen bushings press against the center with little to no pressure on the mandrel shaft. The tube and bushing assembly tightens up by turning your tailstock quill adjustment wheel.



## SKU: 5016 Tailstock Adapter

- Allows for perfect alignment when remounting work to turn the other side in dead or live mode, saving time and material normally wasted 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 center system and NOVA chucks and NOVA lathes 1 1/4" x 8TPI spindles, as well as all lathes with a 2MT tailstock
- Thread size is 1 1/4" x 8TPI



#### SKU: LHB Lathe Handwheel

- Made from steel for long life and protection from rust caused by wet wood
- Fits Galaxi, Saturn, Orion, 1624



#### SKU: NCSC Chuck Spur Center

- 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

#### **FACEPLATES**



#### SKU: FP150L Faceplate 1 1/4 x 8TPI

- Strong and robust for 1 1/4"x 8TPI only
- Solid steel construction & CNC machined for accuracy
- Convenient for initial work holding or large, solid and out of balance pieces where you want to be sure of work holding
- 8 fastening points for super secure holding.
- Plated to ensure long life, even when turning green woods



#### SKU: SFP80L Faceplate 3" (80mm) 1 1/4 x 8TPI

- Solid steel construction & CNC machined for accuracy
- Spin balanced construction eliminates vibration



#### 3" SKU: 9029 6" SKU: 9030 Faceplates 1" x 8TPI

- Fit all lathes that have a 1"x 8TPI standard thread. Faceplates are the ideal tool for mounting larger, out of balance and / or heavier work for added security.
- ...
- Solid steel construction & CNC machined for accuracy
- Plated to ensure long life, even when turning green wood.
- Features 4 fastening points on 9029 and 8 on 9030

#### SKU: 9087

#### Jumbo Spur Center for 1 1/4" Spindles

Compatible with lathes with 1 ¼" 8TPI spindle thread. This spur center with replaceable tips secures your larger projects.

- Heavy duty spur center for holding big projects securely
- Removable points that you can sharpen yourself
- Threads off and on easily to all 1 ¼" 8TPI lathes
- Convertible and customizable, you can use all four blades or remove, one or two to suit your project (removing more than 2 is not recommended)
- Ideally suited for turning rough bowl blanks between centers



SKU: 9088

4 Piece Jumbo Spur Replacement Blade Set



#### **MODULAR TOOL REST SYSTEM**

A flexible mix and match system of bars, posts and rests to create your ultimate customized tool rest. Match your lathe, turning needs and budget!

Steel rests with stainless steel wear rods on top edge Interchangeable 5/8" and 1" posts (requires NOVA modular tool rest purchased separately)





SKU: 9026 - 4" (101mm)

SKU: 9027 - 6" (150mm)



SKU: 9028 - 12" (300mm)

#### **BOWL RESTS**

- Requires one of the NOVA modular tool posts (sold separately)
- Includes fiber washer, set screw and 3mm Allen key
- The rest is radiused on the top and bottom edges for smooth movement of the chisels and it can be used in either orientation for greater versatility.

SKU: 9091 - Small Bowl Rest - 5.2" Diameter Curve



SKU: 9090 - Large Bowl Rest - 8.5" Diameter Curve



SKU: 9092 - S Bowl Rest - 8.5" and 5.2" Diameter Curves

The double curve provides excellent versatility for many different sized bowl turnings. The rest is radiused on the top and bottom edges for smooth movement of the chisels and it can be used in either orientation for even greater versatility.



#### **MACHINED STEEL TOOL REST POSTS**

- Requires one of the NOVA modular tool rests (sold separately)
- This threaded post allows for the exchange of various tool rests.
- Thread size is M10 x 1.5"

SKU: 9024 - 5/8" x 3-1/4"

- Fits all lathes with tool slides that hold 5/8 shaft
- 5/8" (15.875mm) shaft with 3-1/4" (196mm) length

SKU: 9095 - 1" x 3-1/2"

- Fits all lathes with tool slides that hold 1" shaft
- 1" (25.4mm) shaft with 3 1/2" (88.9mm) length



- Fits all lathes with tool slides that hold a 1" shaft
- 1" (25.4mm) shaft with 5" (127mm) length

SKU: 9031 - 1" x 8"

- Fits all lathes with tool slides that hold a 1" shaft
- 1" (25.4mm) shaft with 8" (203mm) length





#### **BOX RESTS**

SKU: 9093 - Small Box Rest 1" Wide x 3-1/2" Long

- Requires one of the NOVA modular tool rest posts (sold separately)
- For working bowls and other turnings with a scraper
- The flat surface provides superior control of the scraper (Post sold separately)



SKU: 9094 - Large Box Rest 1-1/2" Wide x 4-1/2" Long





There's no scrap wood, just pieces not yet used!

#### SKU: 9033 - MINI 5 PIECE CHISEL SET

The NOVA Mini Chisel set is perfect for use on the NOVA Comet II and other mini lathes.

- Crafted from M2 high speed steel durable yet easily, sharpened for a consistently fine edge
- Comfortable hardwood handles
- Durable finish for long life

#### **5 PC SET INCLUDES**

- 1/8" spindle gouge
- 1/8" parting tool
- 1/4" round nose scraper
- 1/4" skew chisel
- 1/4" spindle gouge





#### SKU: 9034 - STANDARD CHISEL SET

The NOVA Standard Chisel Set is perfect for use on the larger NOVA lathes.

- Convenient with most of what you would ever need in one useful set including roughing, skew and bowl gouges
- Crafted from M2 high speed steel durable yet easily sharpened for a consistently fine edge
- Comfortable hardwood handles
- Durable finish for long life

#### **5 PC SET INCLUDES**

- 3/8" spindle gouge
- 3/4" roughing gouge
- 1/2" round nose scraper
- 1/2" oval skew chisel
- 3/8" fingernail bowl gouge



There are two individuals inside the Artist, the poet and the craftsman.
One is born a poet.
One becomes a craftsman.

#### SKU: 6008 - DOVETAIL CHISEL

The NOVA dovetail chisel enables the user to easily 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 NOVA jaws, to give the maximum holding power for your chuck.

- Handy NOVA chuck accessory
- Dependable performance
- Form a perfect dovetail
- Pre-sharpened

The NOVA Dovetail Chisel is the best tool to cut accurate, fast dovetails for mounting bowls to the chuck.





#### **Chuck & Accessory Fastenings**

SKU: CJFK

Cole Jaw Fastening Spares

SKU: NSFK

Hex-Head General Chuck Fastening Spares (shown)

SKU: SSK

8 Hex Spare Screw Set for Jaws

SKU: 6076

8 Star-head Fastening Spares & T-Handle Wrench

SKU: 6077

8 Star-head Spare Screw Set for Jaws



#### **Face Plate Rings**

Strong and fast mounting method for bowl blanks and the best way to register green wood blanks after first turn.

SKU: 6000

50mm (2"), fits standard 50mm jaws (Face Plate dia. 3")

SKU: 6001

100mm (4"), fits 100mm jaws (Face Plate dia. 5")

SKU: 6002

130mm (5"), fits 130mm jaws (Face Plate dia. 6.25")



#### SKU: 9032

#### **Magnetic Based LED Lamp**

- Strong magnetic base that holds lamp securely in any position
- 19" gooseneck allows light to get to where it is needed





#### SKU: 9049

#### 5/8" Keyless Chuck with 2MT ARBOR

- Heavy duty keyless chuck made from hardened steel
- Eliminates the need for key to open and close; no drill key to worry about losing
- Easy to open and close by hand Strong hold for your drill bits
- 1-16mm / 3/64"-5/8"



#### SKU: 9018

#### 1/2" Chuck with 2MT Arbor

- Heavy duty chuck made from hardened steel
- Easy to open and close by hand
- Strong hold for your drill bits
- 1-16mm / 3/64" 5/8



#### SKU: 10051 - 10 In 1 Chuck Gauge

- Help find your center
- Quickly and easily work out your dovetails accurately. If you use a chuck, this is an essential accessory! With over 10 functions, you'll work faster and have less clutter around your lathe. Made from heavy-duty polycarbonate.
- Includes a dovetail gauge, diameter gauge, center finder, dowel gauge, angle checker, dovetail marking tool, ruler, protractor and face plate marking tool.



#### Size Spindle Adapters

Provides solutions for those moving from larger to smaller lathe threads and vice versa. The NOVA spindle adapter provides options for your various spindle accessories (such as chucks, face plates etc). Solid 1045K steel, precision machined.

SKU: 9083

M33 x 3.5 spindle to 1 1/4" x 8TPI

SKU: 9084

M33 x 3.5 spindle to 1" x 8TPI

SKU: 9085

1 1/4" x 8TPI spindle to 1" x 8TPI

SKU: 9086

1" x 8TPI spindle to 1 1/4" x 8TPI



#### SKU: 23079 - Universal Spanner

- 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

## Upgrade your next project, works excellent with the NOVA Viking & NOVA Voyager drill presses.

#### SKU: 9037 Drill Press Fence Accessory

- Extruded aluminum fence
- Flip stop
- Handle and fastenings
- T-slots allow for the addition of hold downs
- Ratchet style locking handles
- Fits most drill presses



#### **Specifications**

- Fence size: 15.5" / 393.7mm x 3" / 76.2mm x 2" / 50.8mm
- Packaged weight: 2lbs / 907gms

# For those looking for additional peace of mind, NOVA is proud to introduce and unprecedented bumper-to-bumper Extended Warranty!



*Imagine* a plan that covers the electrical and motor components of the DVR drive system for up to 5/10 years, depending on your chosen plan. The electrical parts covered by all plans are the Optical Sensor, Main Control Board, Interface Circuit Board, LCD Display, Rotary Encoder Board as well as the motor's Rotor and Stator. The **PRO-TEKTOR PREMIUM** plan covers several other electrical and wear items including the keypad, power switch, control knob, EMS switch and others. And shipping charges are covered (both ways with the **PRO-TEKTOR PREMIUM** plan only).

## Choose the Plan that's right for you:

Our Extended Warranty Plans		
PRO-TEKTOR PREMIUM	PRO-TEKTOR	
The Machine's Motor Stator and Rotor are Covered for 8 Additional Years	The Machine's Motor Stator and Rotor are Covered for 3 Additional Years	
The Main Board, Sensor Board, and HMI Board are Covered for <b>3 Additional Years</b>	The Main Board, Sensor Board, and HMI Board are covered for 1 Additional Years	
Additional Premium Items including Keypad, Emergency Stop Switch, Knobs, and Power Switch are covered for <b>3 Additional Years</b>	N/A	
Shipping both ways is 100% Covered	Shipping back to you is covered	

This offer is the real deal, with No 3<sup>rd</sup> parties. No deductibles. No part costs. No labor cost. No hidden fees. No brainer!

\*Covered parts of each **NOVA** product may differ slightly. For complete details and limitations, please visit at **www.teknatool.com/pro-tektor/** 



Scan to Choose Your Plan!







