# novachucks and Jaws

Smart Tools, Powerful Solutions



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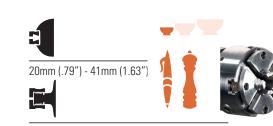
### Jaw Travel Table - Imperial/Inches Expanding Action | Contracting Action Specifications Jaw Set & Chuck Suitability Specifications Square Stock Spigot Mode Suitable Chuck Min Max Min Max Min Max 0.79 | 1.63 | 0.39 | 0.79 | 0.32 | 1.18 0.79 | 1.63 | 0.39 | 0.79 | 0.32 | 1.18 20mm 0.79 1.63 0.39 0.79 0.32 1.18 SuperNOVA2 Jaws 0.79 2 0.39 1.18 0.32 1.57 Precision Midi\* 1 1.77 0.39 1.22 0.32 1.18 1.77 | 0.39 | 1.22 | 0.32 | 1.18 Spigot Jaws 1.77 | 0.39 | 1.22 | 0.32 | 1.18 SuperNOVA2 2.16 | 0.39 | 1.61 | 0.32 | 1.57 Titan III 1.024 1.417 0.354 0.709 0.394 0.78 1.024 1.811 0.354 1.102 0.394 1.2 1.024 1.811 0.354 1.102 0.394 1.22 SuperNOVA2 1.024 | 2.205 | 0.354 | 1.496 | 0.394 | 1.614 1.93 Not Applicable Not Applicable 1.45 2.28 | 0.36 | 1.1 | 0.41 | 1.24 G3 Step 1 1.06 1.93 Not Applicable Not Applicable G3 Step 2 2.28 | 0.36 | 1.1 | 0.41 | 1.24 Step 1.06 1.93 SuperNOVA2 Step 1 2.28 | 0.36 | 1.1 | 0.41 | 1.24 1.06 2.32 Not Applicable Not Applicable 2.72 | 0.36 | 1.5 | 1.024 1.378 0.276 0.669 0.394 0.748 Precision Midi\* 1.024 | 1.811 | 0.276 | 1.102 | 0.394 | 1.220 1.024 | 1.811 | 0.276 | 1.102 | 0.394 | 1.220 SuperNOVA2 2.244 | 0.276 | 1.496 1.496 1.850 0.315 0.709 0.394 0.748 Precision Midi\* 1.496 | 2.323 | 0.315 | 1.142 | Bowl 1.496 2.323 0.315 1.142 0.394 1.220 SuperNOVA2 1.496 2.717 0.315 1.535 0.394 | 1.614 「itan III Precision Midi\* 2.008 | 2.402 | 1.220 | 1.614 | 1.654 | 2.047 2.008 2.835 1.220 2.047 Nova G3 SuperNOVA2 2.008 | 2.835 | 1.220 | 2.047 | 1.654 | 2.520 Titan III 2.008 | 3.228 | 1.220 | 2.441 | 1.654 | 2.874 Not Applicable 1.181 2.008 1.634 2.461 G3 Step 1 Not Applicable 1.417 2.244 G3 Step 2 G3 Step 3 3.051 | 3.839 | 1.772 | 2.598 Not Applicable 1.181 2.008 1.634 2.461 SuperNOVA2 Step 1 Not Applicable 1.417 2.244 uperNOVA2 Step 3 3.051 3.839 1.772 2.598 2.500 3.287 Not Applicable 1.181 2.402 1.634 2.894

Jaw Set & Chuck Suitability		Expanding Action		Contracting Action Specifications			
	Suitable Chuck	Specifications		Square Stock		Spigot Mode	
Jaw Set		Min	Max	Min	Max	Min	Max
35mm Spigot Jaws	Precision Midi*	2.047	2.402	0.984	1.378	1.220	1.575
	G3	2.047	2.835	0.984	1.772	1.220	1.969
	SuperNOVA2	2.047	2.835	0.984	1.772	1.220	1.969
	Titan III	2.047	3.268	0.984	2.165	1.220	2.362
45mm Spigot Jaws	Precision Midi*	2.047	2.402	1.220	1.575	1.614	1.969
	G3	2.047	2.835	1.220	2.008	1.614	2.402
	SuperNOVA2	2.047	2.835	1.220	2.008	1.614	2.402
	Titan III	2.047	3.228	1.220	2.402	1.614	2.795
70mm Jaws	Precision Midi*	2.76	3.54	1.46	2.56	2.2	3
	G3	2.76	3.54	1.46	2.56	2.2	3
	SuperNOVA2	2.76	3.54	1.46	2.56	2.2	3
	Titan III	2.76	3.94	1.46	2.95	2.2	3.43
75mm Bowl Jaws	Precision Midi*	Not Reco	mmended	Not Recor	mmended	Not Recor	nmende
	G3**	3.189	4.016	1.339	2.165	1.831	2.657
	SuperNOVA2	3.189	4.016	1.339	2.165	1.831	2.657
	Titan III	3.189	4.409	1.339	2.480	1.831	3.051
Long Nose Jaws	Precision Midi*	Not Reco	mmended	Not Recor	mmended	Not Recor	nmende
	G3	2.126	2.874	1.142	1.969	1.575	2.362
	SuperNOVA2	2.126	2.874	1.142	1.969	1.575	2.362
	Titan III	2.126	3.346	1.142	2.402	1.575	2.835
100mm Jaws	Precision Midi*	Not Reco	mmended	Not Recor	mmended	Not Recor	nmende
	G3	3.819	4.646	2.205	3.031	3.071	3.898
	SuperNOVA2	3.819	4.646	2.205	3.031	3.071	3.898
	Titan III	3.819	5.039	2.205	3.425	3.071	4.291
130mm Jaws	Precision Midi*	Not Reco	mmended	Not Recor	mmended	Not Recor	nmende
	G3	Not Reco	mmended	Not Recor	mmended	Not Recor	nmende
	SuperNOVA2	5.000	5.787	3.031	3.819	4.213	5.039
	Titan III	5.000	6.181	3.031	4.213	4.213	5.433
PowerGrip Jaws	Precision Midi*	Not Reco	mmended	Not Recor	mmended	Not Recor	nmende
	G3	Not Reco	mmended	Not Recor	mmended	Not Recor	nmende
	SuperNOVA2	3.740	4.567	2.165	2.992	3.031	3.858
	Titan III	3.740	4.961	2.165	3.386	3.031	4.252
	Precision Midi*	Not Reco	mmended	Not Recor	mmended	Not Recor	nmende
Titan PowerGrip Jaws	G3	Not Reco	mmended	Not Recor	mmended	Not Recor	nmende
	SuperNOVA2	Not Reco	mmended	Not Recor	mmended	Not Recor	nmende
	Titan III	4.961	6.181	3.031	4.252	4.213	5.472
Cole Jaws	Precision Midi*	8.661	11.024				
	G3	9.291	11.024	PLEASE	NOTE:		
	SuperNOVA2	9.291	11.024	Tolerance of + or04"(1mm) on all measurements  * Measurements with stop-screw.  ** Use with caution.			
	Ttitan III	9.449					
Mini Cole Jaws	Precision Midi	6.181	8.47				
2010 00113	G3	6.693	8.47				
	Ttitan III	6.693	8.47				
	Precision Midi	7.087	3.17				

## These are ranges for all NOVA chucks except the Titan III. For Titan III. refer to full chart to the left.

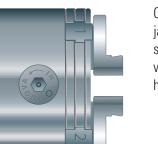


Ideal for small bowl and small unsupported spigot turning work. Perfect for mini/midi lathe work, or for work below the size that can be handled by the 50mm/2" jaws.



Spigot 8mm (.32") - 30mm (1.18")

## **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/2" jaw set.



Square 9mm (.35") - 28mm (1.1") Spigot 9.9 (.39") - 31mm (1.22")

## **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

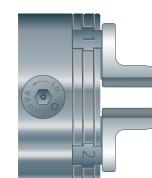


The deep and smooth dovetail walls are three times the thickness of conventional jaws. For rugged work holding with larger/heavier bowl work. The jaw screws go directly through the wall section to hold securely where it is

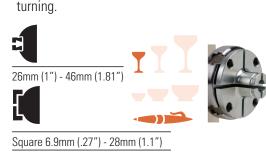


Square 34mm (1.33") - 55mm (2.16") Spigot 46mm (1.83") - 67mm (2.65")

JSPIN 17mm (.7") Pin Jaws



These extended jaws act like a pin chuck, expanding into a pre-bored hole. Useful 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 powerful spigot grip for smaller work. Features a small dovetail which grips work away from chuck face, allowing access to some outside bowl



Spigot 9.9mm (.39") - 31mm (1.22")

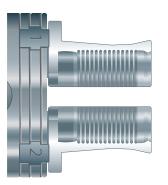
## 6026 Mini Spigot 31mm (1.22") Jaws



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



**6017** Long Nosed 75 (3") 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 these versatile jaws. Internally. features a dovetail grip for holding bowl bases. Ideal for green wood turning.

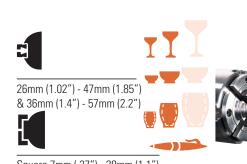


Spigot 40mm (1.57") - 60mm (2.36")

## **6025** 28mm (1.1") Mini Step Jaws



**JS100N** 100mm (4") Jaws



One of our most popular jaws - designed for

expanded dovetail, reverse dovetail and for

gripping footed bowls. Mount 12-14" bowls

Can also mount false wooden jaws so that

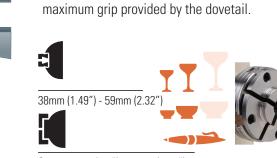
customized jaws can be made for special

Square 7mm (.27") - 28mm (1.1") Spigot 9.9mm (.39") - 31mm (1.22")

**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



Same style as the 35mm spigot, these

jaws provide a strong contracting grip to

vases, goblets. Can handle spigots from

38mm (1.5") to 60mm (2.38"). Also

has expanding grip mode for bowls.

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

Square 31mm (1.22") - 50mm (2"

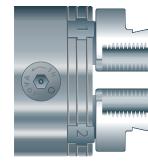
Spigot 41mm (1.61") - 61mm (2.4")

unsupported spigot turning applications e.g.

Square 8mm (.31") - 29mm (1.14") Spigot 9.9mm (.39") - 31mm (1.22")

**JS-SP45** 45mm (1.8") Spigot Jaws

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



**J\$50N** 50mm (2") Jaws

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



These jaws come standard with the G3 and

SuperNOVA2 chucks. Versatile jaws to get

you started before moving onto specialized

jaws. Able to handle both bowl and spigot

31mm (1.22") - 52mm (2.04")

Square 31mm (1.22") - 52mm (2.04")

Spigot 41mm (1.61") - 64mm (2.5")

## **JS75DT** 53mm (2.08") 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





Square 56mm (2.2") - 75mm (3")

Spigot 76mm (2.99") - 99mm (3.89")

## **NOVA'S INNOVATIVE FEATURES**

**Precision Midi** 

SuperNOVA2

Ideal for lathes with up to 12" swing. Compatible

those designed for smaller work are recommended.

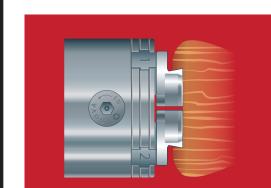
with all NOVA accessory jaws. However, only

Available in insert and direct thread versions.

Ideal for lathes with up to 20" swing. Our most

popular chuck. Compatible with all NOVA accessory

jaws. Available in insert and direct thread versions.



Titan III Step 3

**SPECIAL WOODTURNING DOVETAIL PROFILE ON JAWS** NOVA jaws are designed for maximum strength and hold in turning without crushing



Not Applicable 1.417 2.638 1.988 3.209 3.051 4.272 1.772 2.992 2.500 3.681

**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** Duracon® composite reinforced with glass fibers for long life. Fully seals the chuck interior from dust and features 22 indexing points. Featured on SuperNOVA2 only.



JAW FIXING SYSTEM Only NOVA chucks give you the same jaw fixing system across all standard chuck models, giving you optimal flexibility.



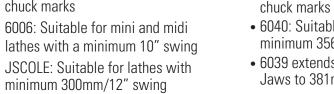
Ideal for lathes with a swing between 14" and 16". Compatible with all NOVA accessory jaws. However, only those designed for smaller work are recommended. Available in insert and direct thread

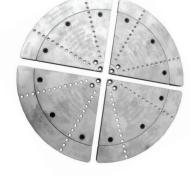


Ideal for lathes with 24" swing and larger. Our largest and most powerful chuck. Compatible with all NOVA accessory jaws. Direct thread only. Does not accept insert adaptors.

SKU: 6006 8", JSCOLE 10" Mini Cole Jaws and **Standard Cole Jaws** Versatile jaws designed for

re-chucking of bowls to remove chuck marks • 6006: Suitable for mini and midi lathes with a minimum 10" swing • JSCOLE: Suitable for lathes with





SKUS: 6040 12", 6039 **Large Cole Jaws** and Extension (pictured) Versatile jaws designed for re-chucking of bowls to remove

• 6040: Suitable for lathes with minimum 356mm/14" swing • 6039 extends 6040 Large Cole Jaws to 381mm/15" Cole Jaws



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



SKUS: 13040, 13041 **Titan III Deep Grip Jaws** • 3 screw hole mount for Titan III

for turning very large work

• A great compliment to the 5" These unique jaws can do so much PowerGrip Jaws (included with more than just game calls. Heavy duty jaws (secured by two screws for each 13040: Huge 5-3/4" jaw designed jaw segment) have an internal profile for turning very large work to handle larger rounds with ease and • 13041: Huge 6-1/2" jaw designed minimal vibration.



SKU: 6050

1 1/2" Multi

**Project Jaws** 

SKU: 6021

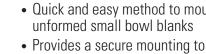
• Cut and custom mold (by the user) to specific holding requirements Nylon material holds most woods without marking

**Soft Jaws** 



## SKU: 10006 SAFE LOCK" **Woodworm Screw**

 Standard with all NOVA chucks Quick and easy method to mount unformed small bowl blanks



form the outside of bowls

for Cole Jaws 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)

**Woodworm Screw** 



**JS130N** 130mm (5") Jaws



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

The big brother to the 100mm jaws, designed

to handle larger shallow bowl and platter work

up to 750mm (29.5") in diameter. Ideal for the

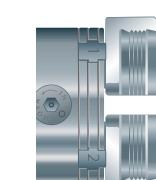
SuperNOVA2 (the power of this chuck matches

the big capacity of these jaws).

Square 77mm (3.03") - 97mm (3.81")

Spigot 28mm (1.1") - 107mm (4.21")

# **PJSN** 75mm (3") PowerGrip Jaws



The most powerful jaws available for large spigot/hollow form turning on the SuperNOVA2. They're also multi-purpose jaws for bowl turners and hollow form turners. Dovetail sizes fit neatly between the 75mm (3") and the 130mm (5") jaws.





SKU: WWCJ

**SAFE LOCK™**