



# TIGER JAWS

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## 2026 PRODUCT CATALOGUE

Revolutionary Australian-made rapid CNC changeover system

Australian Made | ISO-certified | [tigerjaws.com.au](http://tigerjaws.com.au)

## ABOUT TIGER JAWS

Tiger Jaws is an Australian manufacturer of precision CNC workholding solutions, designed and built to reduce setup time, minimise material waste, and improve throughput on CNC lathes. Our Chameleon Clamp system is engineered for rapid changeover in high-mix, low-volume production environments.

- Precision-machined from premium Australian 1045 steel
- ISO-certified and quality-controlled
- Backed and manufactured by Sorensen Engineering, Brookvale NSW

To order, contact your regional distributor, Ultra Tooling Limited, by emailing [russell.layton@ultratooling.com](mailto:russell.layton@ultratooling.com). SKU codes are listed throughout this catalogue.

## CHAMELEON CLAMP SYSTEM

The Chameleon Clamp is a rapid-changeover jaw system for CNC lathes, designed for high-mix production where minimising setup time between jobs is critical. The serrated spigot interface means the clamp body stays on the chuck — soft jaw blanks swap in and out in seconds without re-indicating. Available in 8-inch and 10-inch versions, with an extended-jaw variant for larger or more complex workpieces.



## TECHNICAL SPECIFICATIONS

<b>Chuck sizes</b>	8-inch and 10-inch
<b>Clamping range — 10"</b>	24 mm – 117 mm diameter (suggested; adjustable)
<b>Clamping range — 8"</b>	10 mm – 73 mm diameter (suggested; adjustable)
<b>Blank material</b>	1045 steel

<b>Blank finish</b>	Soft (machinable) or hardened and tempered after machining
<b>Spigot</b>	Case-hardened, usable from all 4 faces
<b>Changeover</b>	Rapid serrated spigot interface — no re-indicating required
<b>Compatible materials</b>	Steel, aluminium, plastics and most common engineering materials
<b>Standard</b>	ISO-certified, precision-machined
<b>Origin</b>	Australian-made — Brookvale NSW

*Suggested clamping ranges assume jaw aligned on outermost teeth of chuck at mid stroke. Range can be extended by adjusting jaw position.*

## CHAMELEON CLAMP — STARTER KITS

### CHAMELEON CLAMP STARTER KIT

Everything needed to get started on a single machine — Chameleon Clamp set, 20 mm and 35 mm soft jaw blanks, grub screws, and T-nuts with bolts, in a hard-shell carry case.



<b>Kit contents</b>	1 × Chameleon Clamps, 3 × grub screws, 2 × sets 20 mm blanks, 1 × set 35 mm blanks, 3 × T-nuts with bolts
<b>Available sizes</b>	8-inch, 10-inch
<b>Case</b>	Hard-shell carry case included

Product	SKU	Description
Chameleon Clamp Starter Kit 8"	<b>CCSK-08</b>	Starter kit for 8-inch chuck
Chameleon Clamp Starter Kit 10"	<b>CCSK-10</b>	Starter kit for 10-inch chuck

## EXTENDED CHAMELEON CLAMP STARTER KIT

The extended jaw variant provides additional grip reach for larger or more irregularly shaped workpieces. Kit contents are otherwise identical to the standard starter kit.



<b>Kit contents</b>	1 × Extended Chameleon Clamps, 3 × grub screws, 2 × sets 20 mm blanks, 1 × set 35 mm blanks, 3 × T-nuts with bolts
<b>Available sizes</b>	8-inch, 10-inch
<b>Case</b>	Hard-shell carry case included

Product	SKU	Description
Extended Starter Kit 8"	<b>CCSK-08E</b>	Extended jaw starter kit for 8-inch chuck
Extended Starter Kit 10"	<b>CCSK-10E</b>	Extended jaw starter kit for 10-inch chuck

## BLANK JAWS & ACCESSORIES

### 20 MM CHAMELEON SOFT JAW

Replacement or additional 20 mm soft jaw blanks for the Chameleon Clamp system. Sold in sets of 3.

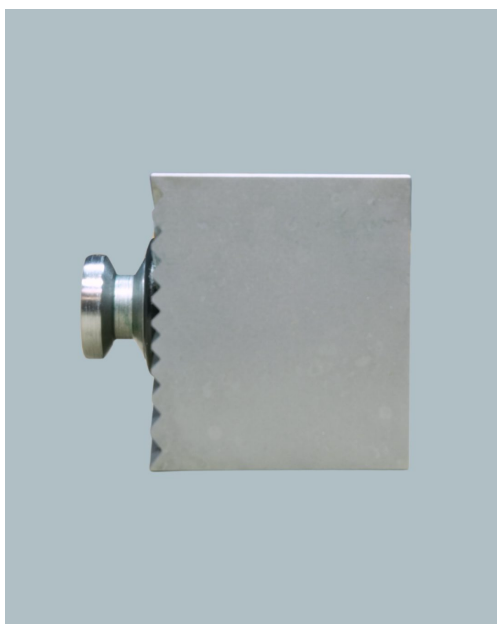


<b>Qty per set</b>	3
<b>Dimensions</b>	40 mm × 40 mm × 20 mm (L × W × H)
<b>Material</b>	1045 steel (soft/machinable)
<b>Spigot</b>	Case-hardened, usable from all 4 faces
<b>Compatibility</b>	8-inch and 10-inch Chameleon Jaw

Product	SKU	Description
20 mm Chameleon Soft Jaw Kit	<b>CB40-20K</b>	Set of 3 × 20 mm soft jaw blanks

### 35 MM CHAMELEON SOFT JAW

Replacement or additional 35 mm soft jaw blanks for the Chameleon Clamp system. Sold in sets of 3.



<b>Qty per set</b>	3
<b>Dimensions</b>	40 mm × 40 mm × 35 mm (L × W × H)
<b>Material</b>	1045 steel (soft/machinable)
<b>Spigot</b>	Case-hardened, usable from all 4 faces
<b>Compatibility</b>	8-inch and 10-inch Chameleon Jaw

Product	SKU	Description
35 mm Chameleon Soft Jaw Kit	CB40-35K	Set of 3 × 35 mm soft jaw blanks

## GRUB SCREWS

Replacement M6 grub screws for the Chameleon Clamp system.

Thread	M6
Compatibility	Chameleon Clamp (all sizes)

Product	SKU	Description
Grub Screw M6	CGK-M6	Replacement M6 grub screw for Chameleon Clamp

## T-NUTS AND BOLTS

Replacement hardened T-nuts with bolts for the Chameleon Clamp. Sold in sets of 3.



Qty per set	3
Material	Hardened steel
Compatibility	Chameleon Clamp (8-inch and 10-inch)

Product	SKU	Description
T-Nut Kit — 8"	CJTK-08	3 × hardened T-nuts with bolts for 8-inch chuck
T-Nut Kit — 10"	CJTK-10	3 × hardened T-nuts with bolts for 10-inch chuck

## FULL SKU REFERENCE

Complete product listing. To order, contact your regional distributor, Ultra Tooling Limited, by emailing [russell.layton@ultratooling.com](mailto:russell.layton@ultratooling.com). SKU codes are listed throughout the catalogue.

Product	SKU	Description
Chameleon Clamp Starter Kit 8"	<b>CCSK-08</b>	Full starter kit for 8" chuck
Chameleon Clamp Starter Kit 10"	<b>CCSK-10</b>	Full starter kit for 10" chuck
Extended Starter Kit 8"	<b>CCSK-08E</b>	Extended jaw starter kit for 8" chuck
Extended Starter Kit 10"	<b>CCSK-10E</b>	Extended jaw starter kit for 10" chuck
20 mm Soft Jaw Kit	<b>CB40-20K</b>	3 × 20 mm Chameleon soft jaw blanks
35 mm Soft Jaw Kit	<b>CB40-35K</b>	3 × 35 mm Chameleon soft jaw blanks
Grub Screw M6	<b>CGK-M6</b>	Replacement M6 grub screw for Chameleon Clamp
T-Nut Kit 8"	<b>CJTK-08</b>	3 × hardened T-nuts with bolts — 8" chuck
T-Nut Kit 10"	<b>CJTK-10</b>	3 × hardened T-nuts with bolts — 10" chuck

## ORDERING & CONTACT

To place an order or make a product enquiry in the UK, please contact Ultra Tooling Limited.

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