



TIGER JAWS

2026 PRODUCT CATALOGUE

Revolutionary Australian-made rapid CNC changeover system

Australian Made | ISO-certified | 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 or email info@tigerjaws.com.au. 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

Chuck sizes	8 inch and 10 inch
Clamping range — 10"	24 mm – 117 mm diameter (suggested; adjustable)
Clamping range — 8"	10 mm – 73 mm diameter (suggested; adjustable)
Blank material	1045 steel
Blank finish	Soft (machineable) or hardened and tempered after machining

Spigot	Case-hardened, usable from all 4 faces
Changeover	Rapid serrated spigot interface — no re-indicating required
Compatible materials	Steel, aluminium, plastics and most common engineering materials
Standard	ISO-certified, precision-machined
Origin	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.



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

Product	SKU	Description
Chameleon Clamp Starter Kit 8"	CCSK-08	Starter kit for 8-inch chuck
Chameleon Clamp Starter Kit 10"	CCSK-10	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.



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

Product	SKU	Description
Extended Starter Kit 8"	CCSK-08E	Extended jaw starter kit for 8-inch chuck
Extended Starter Kit 10"	CCSK-10E	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.

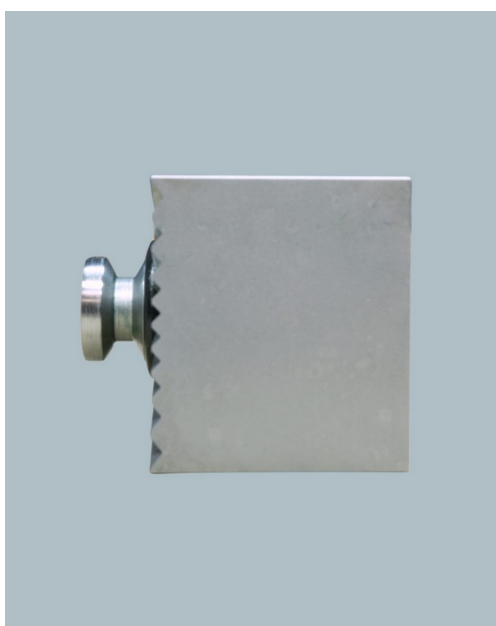


Qty per set	3
Dimensions	40 mm × 40 mm × 20 mm (L × W × H)
Material	1045 steel (soft/machineable)
Spigot	Case-hardened, usable from all 4 faces
Compatibility	8-inch and 10-inch Chameleon Jaw

Product	SKU	Description
20 mm Chameleon Soft Jaw Kit	CB40-20K	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.



Qty per set	3
Dimensions	40 mm × 40 mm × 35 mm (L × W × H)
Material	1045 steel (soft/machineable)
Spigot	Case-hardened, usable from all 4 faces
Compatibility	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. Use SKU codes when contacting your regional distributor or emailing info@tigerjaws.com.au.

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

ORDERING & CONTACT

To place an order or make a product enquiry, contact your regional distributor or reach Tiger Jaws directly:

Email	info@tigerjaws.com.au
Phone	+61 2 9938 6043
Web	tigerjaws.com.au
Address	Sorensen Engineering, 43 Orchard Road, Brookvale NSW 2100

Your regional distributor:

YOUR REGIONAL DISTRIBUTOR

Contact your local distributor for pricing, orders and product enquiries,
or email info@tigerjaws.com.au