

TRITON

HYDRAULIC CHUCKS



**The World's Strongest
Gripping Force of any
Hydraulic Tool Holder!**

Triton hydraulic chucks provide unmatched clamping power and excellent vibration damping. Use reduction sleeves to hold a variety of shank diameters.

**3.5X the clamping power of
current technology hydraulic chucks**

Suitable for heavy milling operations

**Excellent vibration damping properties
enhances surface finish and extends tool life**

AD/B CoolFLEX coolant standard

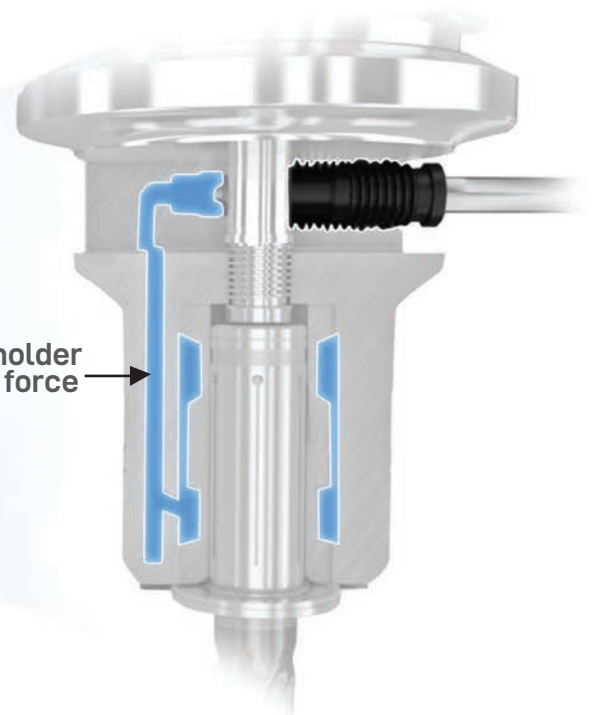
AHB

TOOLING & MACHINERY

COMPLETE METALWORKING SOLUTIONS
(800) 991-4225 www.ahbinc.com
ISO Certified customerservice@ahbinc.com



Stable clamping between holder and tool through hydraulic force



The World's Strongest Gripping Force of any Hydraulic Tool Holder!

Think hydraulic chucks are just for light milling or finishing passes?
THINK AGAIN!

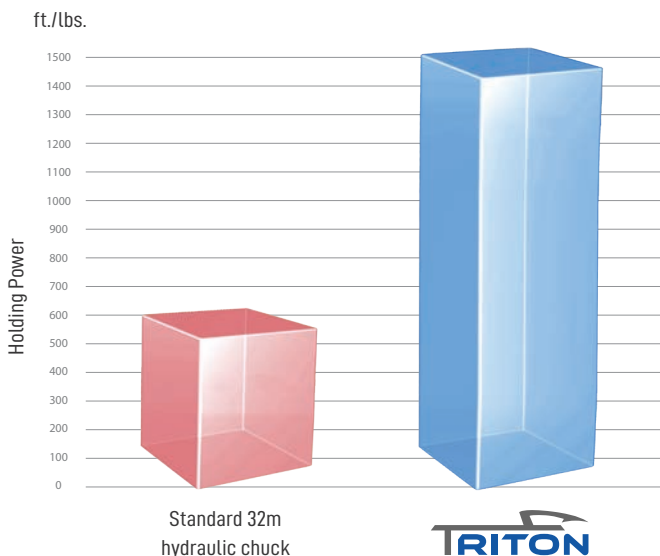
The NEW Triton Chucks by Techniks harness the full power of hydraulic technology to provide unmatched holding power and accuracy!

A new design enhances holding power on the tool shank by 350% vs. collet chucks and standard hydraulic chucks.



Enjoy the performance benefits and ease-of-use features of hydraulic chucks for your most demanding applications:

- Triton's hydraulic design provides excellent vibration damping properties, so tools run longer and quieter and produce superior surface finishes
- Tool changes are a snap! And require only a hex wrench – no tightening fixtures or torque wrenches
- Triton chucks are charged with hydraulic fluid in a vacuum chamber to eliminate air and gas from the system. Coupled with a redesigned oil sealing system, Triton chucks are built to provide maximum holding power for years!
- Use reduction sleeves to hold any shank diameter
- H-LOCKED reduction sleeves are manufactured with patented TTG-594 for unmatched holding power



350%

*GREATER HOLDING POWER
THAN STANDARD
HYDRAULIC CHUCKS!*

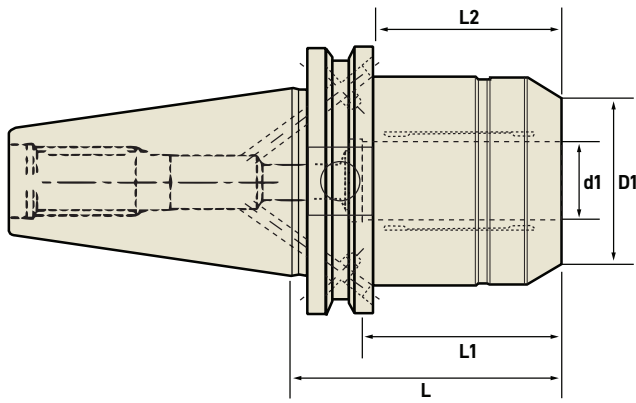


Techniks is a proud member of Techniks Tool Group.

**CNC TOOLING SOLUTIONS
FROM SPINDLE TO WORKPIECE**

Connect with Techniks Tool Group





FEATURES

- 3.5X clamping force of standard hydraulic chucks
- 74% thicker bore walls improves rigidity in heavy material removal applications
- Excellent vibration dampening properties enhances surface finish and extends tool life

CAT 40 TRITON HYDRAULIC CHUCKS

Part No.	Description	d1	D1	L	L1	L2	Thread
254750	CAT40 x 3/4" - 2.54" Triton Chuck	3/4"	1.94"	2.54"	1.79"	1.89"	M8x1.0
354750	CAT40 x 3/4" - 4" Triton Chuck	3/4"	1.94"	4"	3.25"	1.89"	M8x1.0
254020	CAT40 x 20mm - 64.5mm Triton Chuck	20mm	49.2mm	64.5mm	45.4mm	48mm	M8x1.0
354020	CAT40 x 20mm - 101.6mm Triton Chuck	20mm	49.2mm	101.6mm	82.6mm	48mm	M8x1.0

CAT40 TRITON HYDRAULIC CHUCKS **DUALDRIVE**

Part No.	Description	d1	D1	L	L1	L2	Thread
264750	CAT40 x 3/4" - 2.54" Triton Chuck w/ DualDRIVE	3/4"	1.94"	2.54"	1.79"	1.89"	M8x1.0
364750	CAT40 x 3/4" - 4" Triton Chuck w/ DualDRIVE	3/4"	1.94"	4"	3.25"	1.89"	M8x1.0
264020	CAT40 x 20mm - 64.5mm Triton Chuck w/ DualDRIVE	20mm	49.2mm	64.5mm	45.4mm	48mm	M8x1.0
364020	CAT40 x 20mm - 101.6mm Triton Chuck w/ DualDRIVE	20mm	49.2mm	101.6mm	82.6mm	48mm	M8x1.0

CAT50 TRITON HYDRAULIC CHUCKS

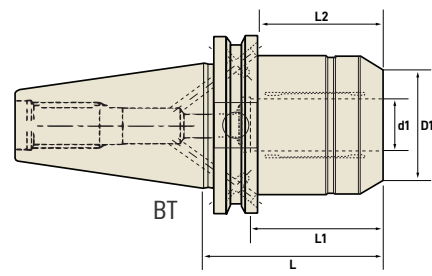
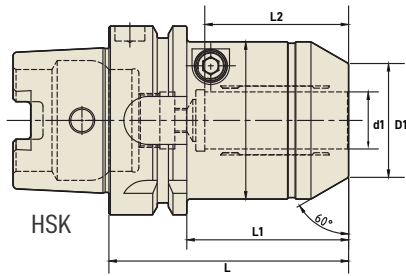
Part No.	Description	d1	D1	L	L1	L2	Thread
255750	CAT50 x 3/4" - 3.19" Triton Chuck	3/4"	1.94"	3.19"	2.44"	1.89"	M8x1.0
255125	CAT50 x 1-1/4" - 3.19" Triton Chuck	1-1/4"	2.84"	3.19"	2.44"	2.24"	M8x1.0
355125	CAT50 x 1-1/4" - 6" Triton Chuck	1-1/4"	2.84"	6"	5.25"	2.24"	M8x1.0
255032	CAT50 x 32mm - 81mm Triton Chuck	32mm	72mm	81mm	61.9mm	48mm	M8x1.0
355032	CAT50 x 32mm - 152.4mm Triton Chuck	32mm	72mm	152.4mm	133.4mm	56.5mm	M8x1.0



Techniks is a proud member of Techniks Tool Group.
CNC TOOLING SOLUTIONS
 FROM SPINDLE TO WORKPIECE

Connect with Techniks Tool Group





HSK63A TRITON HYDRAULIC CHUCKS

Part No.	Description	d1	D1	L	L1	L2	Thread
257750	HSK63A x 3/4" - 3.15" Triton Chuck	3/4"	2.07"	3.15"	2.13"	1.89"	M8x1.0
357750	HSK63A x 3/4" - 5.12" Triton Chuck	3/4"	2.07"	5.12"	4.09"	1.89"	M8x1.0
257020	HSK63A x 20mm - 80mm Triton Chuck	20mm	52.5mm	80mm	54mm	48mm	M8x1.0

HSK100A TRITON HYDRAULIC CHUCKS

Part No.	Description	d1	D1	L	L1	L2	Thread
259125	HSK100A x 1-1/4" - 3.94" Triton Chuck	1-1/4"	2.3"	5.12"	3.98"	2.24"	M8x1.0
259020	HSK100A x 20mm - 90mm Triton Chuck	20mm	52.5mm	90mm	61mm	48mm	M8x1.0
259032	HSK100A x 32mm - 100mm Triton Chuck	32mm	58.5mm	100mm	80mm	57mm	M8x1.0

BT30 TRITON HYDRAULIC CHUCKS

Part No.	Description	d1	D1	L	L1	L2	Thread
253750	BT30 x 3/4" - 3.54" Triton Chuck	3/4"	1.65"	3.54"	2.68"	1.89"	M8x1.0
253020	BT30 x 20mm - 90mm Triton Chuck	20mm	42mm	90mm	68mm	48mm	M8x1.0

BT30 TRITON HYDRAULIC CHUCKS **DUALDRIVE**

Part No.	Description	d1	D1	L	L1	L2	Thread
263750	BT30 x 3.4" - 3.54" Triton Chuck w/DualDRIVE	3/4"	1.65"	3.54"	2.68"	1.89"	M8x1.0
263020	BT30 x 20mm - 90mm Triton Chuck w/ DualDRIVE	20mm	42mm	90mm	68mm	48mm	M8x1.0

BT40 TRITON HYDRAULIC CHUCKS

Part No.	Description	d1	D1	L	L1	L2	Thread
256750	BT40 x 3.4" - 2.85" Triton Chuck	3/4"	1.94"	2.85"	1.79"	1.89"	M8x1.0
256020	BT40 x 20mm - 72.5mm Triton Chuck	20mm	49.2mm	72.5mm	45.5mm	48mm	M8x1.0

BT40 TRITON HYDRAULIC CHUCKS **DUALDRIVE**

Part No.	Description	d1	D1	L	L1	L2	Thread
266750	BT40 x 3.4" - 2.85" Triton Chuck w/ DualDRIVE	3/4"	1.94"	2.85"	1.79"	1.89"	M8x1.0
266020	BT40 x 20mm - 72.5mm Triton Chuck w/ DualDRIVE	20mm	49.2mm	72.5mm	1.79"	1.89"	M8x1.0



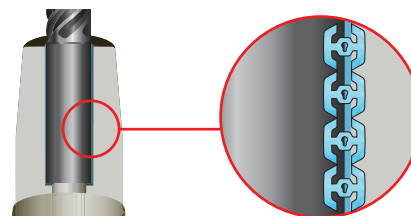


FEATURES

- I.D. sizes of 1/2" or 12mm and above are **H-LOCKED** with our patented TTG-594 compound to create the world's strongest gripping force of any hydraulic chuck
- Maximum 0.0001" T.I.R.
- Sealed for coolant-through applications

H-LOCKED WITH TTG-594™

Unleash the full power of your CNC machine and cutting tool with the strongest gripping connection.



Our proprietary TTG-594 compound is embedded in the I.D. bore of the sleeve, creating millions of microscopic teeth adding bite to the cutting tool/tool holder connection.

1/2" O.D. Reduction Sleeves

Part No.	Description, O.D. - I.D.
620108	1/2" - 1/8" Reduction Sleeve
620104	1/2" - 1/4" Reduction Sleeve
620316	1/2" - 3/16" Reduction Sleeve
620516	1/2" - 5/16" Reduction Sleeve

20mm O.D. Reduction Sleeves

Part No.	Description, O.D. - I.D.
820030	20mm - 3mm Reduction Sleeve
820040	20mm - 4mm Reduction Sleeve
820050	20mm - 5mm Reduction Sleeve
820060	20mm - 6mm Reduction Sleeve
820080	20mm - 8mm Reduction Sleeve
820100	20mm - 10mm Reduction Sleeve
820120	20mm - 12mm Reduction Sleeve
820140	20mm - 14mm Reduction Sleeve
820160	20mm - 16mm Reduction Sleeve
520108	20mm - 1/8" Reduction Sleeve
520316	20mm - 3/16" Reduction Sleeve
520104	20mm - 1/4" Reduction Sleeve
520516	20mm - 5/16" Reduction Sleeve
520308	20mm - 3/8" Reduction Sleeve
520102	20mm - 1/2" Reduction Sleeve
520508	20mm - 5/8" Reduction Sleeve

*Blue shade = **H-LOCKED**

1-1/4" O.D. Reduction Sleeves

Part No.	Description, O.D. - I.D.
632108	1-1/4" - 1/8" Reduction Sleeve
632316	1-1/4" - 3/16" Reduction Sleeve
632104	1-1/4" - 1/4" Reduction Sleeve
632516	1-1/4" - 5/16" Reduction Sleeve
632308	1-1/4" - 3/8" Reduction Sleeve
632102	1-1/4" - 1/2" Reduction Sleeve
632508	1-1/4" - 5/8" Reduction Sleeve
632304	1-1/4" - 3/4" Reduction Sleeve
632100	1-1/4" - 1" Reduction Sleeve
632787	1-1/4" - 20mm Reduction Sleeve
632984	1-1/4" - 25mm Reduction Sleeve

*Blue shade = **H-LOCKED**

32mm O.D. Reduction Sleeves

Part No.	Description, O.D. - I.D.
832060	32mm - 6mm Reduction Sleeve
832080	32mm - 8mm Reduction Sleeve
832100	32mm - 10mm Reduction Sleeve
832120	32mm - 12mm Reduction Sleeve
832140	32mm - 14mm Reduction Sleeve
832160	32mm - 16mm Reduction Sleeve
832180	32mm - 18mm Reductino Sleeve
832200	32mm - 20mm Reduction Sleeve
832250	32mm - 25mm Reduction Sleeve

*Blue shade = **H-LOCKED**

3/4" O.D. Reduction Sleeves

Part No.	Description, O.D. - I.D.
625108	3/4" - 1/8" Reduction Sleeve
625316	3/4" - 3/16" Reduction Sleeve
625104	3/4" - 1/4" Reduction Sleeve
625516	3/4" - 5/16" Reduction Sleeve
625308	3/4" - 3/8" Reduction Sleeve
625716	3/4" - 7/16" Reduction Sleeve
625102	3/4" - 1/2" Reduction Sleeve
625508	3/4" - 5/8" Reduction Sleeve
625003	3/4" - 3mm Reduction Sleeve
625004	3/4" - 4mm Reduction Sleeve
625005	3/4" - 5mm Reduction Sleeve
625006	3/4" - 6mm Reduction Sleeve
625008	3/4" - 8mm Reduction Sleeve
625010	3/4" - 10mm Reduction Sleeve
625012	3/4" - 12mm Reduction Sleeve
625014	3/4" - 14mm Reduction Sleeve
625016	3/4" - 16mm Reduction Sleeve

*Blue shade = **H-LOCKED**



COMPLETE METALWORKING SOLUTIONS

(800) 991-4225
ISO Certified

www.ahbinc.com
customerservice@ahbinc.com



Techniks is a proud member of Techniks Tool Group.
CNC TOOLING SOLUTIONS
FROM SPINDLE TO WORKPIECE

Connect with Techniks Tool Group

