



Cushman Chucks®

Providing Industry with Quality Workholding Since 1862.



MANUAL CHUCKS



POWER CHUCKS



BORING MILL JAWS



CYLINDERS



PRODUCT OVERVIEW

www.cushmanindustries.com

For more product information please visit www.cushmanindustries.com or call 1(800) 886-3456

10-104 - 3-Jaw - Accra-Set Scroll Chuck


- Steel body
- American Standard Tongue & Groove Jaw Mount
- Two Piece Reversible, Stepped Hard Jaws
- For use with Mounting Plates
- Larger Sizes Available

Model #	Diameter	Thru-hole
10-104-06-000Z	6"	1.81"
10-104-08-000Z	8"	2.25"
10-104-10-000Z	10"	3.00"
10-104-12-000Z	12"	4.06"
10-104-15-000Z	15"	4.56"
10-104-18-000Z	18"	5.025"
10-104-20-000Z	20"	tbd
10-104-24-000Z	24"	7.025"
10-104-28-000Z	28"	tbd
10-104-32-000Z	32"	tbd

10-004 - 4-Jaw - Independent Chuck


- Steel body
- Medium duty
- American Standard two-piece Tongue & Groove jaws
- For use with Mounting Plates
- Larger Sizes Available

Model #	Diameter	Thru-hole
10-004-14-000Z	14"	2.95"
10-004-16-000Z	16"	4.055"
10-004-18-000Z	18"	4.055"
10-004-20-000Z	20"	4.055"
10-004-24-000Z	24"	4.055"
10-004-28-000Z	28"	4.72"
10-004-32-000Z	32"	5.31"

10-174 - 6-Jaw - Accra-Set Scroll Chuck


- Steel body
- American Standard Tongue & Groove Jaw Mount
- Two Piece Reversible, Stepped Hard Jaws
- For use with Mounting Plates
- Larger Sizes Available

Model #	Diameter	Thru-hole
10-174-06-000Z	6"	1.81"
10-174-08-000Z	8"	2.25"
10-174-10-000Z	10"	3.00"
10-174-12-000Z	12"	4.06"
10-174-15-000Z	15"	4.56"
10-174-18-000Z	18"	5.025"

10-114 - 3-Jaw - Heavy Duty Scroll Chuck


- Forged steel body
- Extra heavy duty Am. Standard hard top & master jaws
- Gripping surfaces serrated for more holding power
- Large Thru-Holes Standard
- Hardened scroll gear for long life

Model #	Diameter	Thru-hole
10-114-12-000Z	12"	3.13"
10-114-15-000Z	15"	5.13"
10-114-20-A11Z	20"	6.75"
10-114-24-A15Z	24"	10.75"
10-114-24-A20Z	24"	12.50"
10-114-28-A15Z	28"	10.75"
10-114-28-A20Z	28"	12.50"
10-114-32-A15Z	32"	10.75"
10-114-32-A20Z	32"	14.50"

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10-003 - 4-Jaw - Independent Chuck



- Steel body
- Medium duty
- Solid Reversible jaws
- For use with Mounting Plates
- Larger Sizes Available

Model #	Diameter	Thru-hole
10-003-06-000Z	6"	1.77"
10-003-08-000Z	8"	1.97"
10-003-10-000Z	10"	2.36"
10-003-12-000Z	12"	2.95"
10-003-14-000Z	14"	2.95"
10-003-16-000Z	16"	2.95"

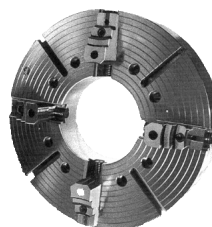
10-590 - 3-Jaw - High Speed Power Chuck



- Steel body
- Lever Style
- Counter-Centrifugal Counter Weights
- Thru-hole
- Acme Serrated Jaw Mount (standard)

Model #	Diameter	Thru-hole
10-590-08-A06AZ	8"	1.50"
10-590-10-A06AZ	10"	2.56"
10-590-10-A08AZ	10"	2.56"
10-590-12-A08CZ	12"	2.56"
10-590-12-A08AZ	12"	3.13"
10-590-15-A06CZ	15"	2.56"
10-590-15-A08AZ	15"	3.13"
10-590-15-A11CZ	15"	4.62"
10-590-18-A11CZ	18"	4.62"

10-014 - 4-Jaw - HD Independent Chuck



- Forged steel body
- Extra heavy duty American Standard master & hard top jaws
- Gripping surfaces serrated
- Large thru-hole and t-slots standard
- Direct A-type mounting

Model #	Diameter	Thru-hole
10-014-12-A08Z	12"	3.37"
10-014-18-A11Z	18"	6.50"
10-014-21-A11Z	21"	6.50"
10-014-21-A15Z	21"	7.30"
10-014-24-A11Z	24"	6.50"
10-014-24-A15Z	24"	10.50"
10-014-24-A20Z	24"	12.59"
10-014-28-A15Z	28"	10.50"
10-014-28-A20Z	28"	12.59"
10-014-32-A15Z	32"	10.50"
10-014-32-A20Z	32"	12.59"
10-014-36-A20Z	36"	12.59"
10-014-40-A20Z	40"	12.59"
10-014-40-A28Z	40"	18.50"

20-670 - 3-Jaw - Serrated Jaw Power Chuck



- Steel body
- American Standard serrated master jaws (set of keys incl.)
- Top jaws not included
- 12" and larger w/ T-slots
- Draw Bar/Tube Styles Available

Model #	Diameter	Thru-hole
20-670-10-A06Z	10"	Closed Center
20-670-10-A08Z	10"	Closed Center
20-670-12-A06Z	12"	Closed Center
20-670-12-A08Z	12"	Closed Center
20-670-15-A08Z	15"	Closed Center
20-670-15-A11Z	15"	Closed Center
20-670-18-A11Z	18"	Closed Center
20-670-18-A15Z	18"	Closed Center
20-670-21-A11Z	21"	Closed Center
20-670-21-A15Z	21"	Closed Center
20-670-24-A15Z	24"	Closed Center

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20-671 - 2-Jaw - Serrated Jaw Power Chuck

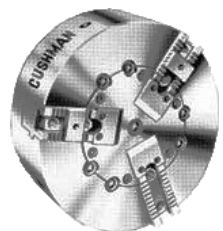

- Steel body
- American Standard serrated master jaws (set of keys incl.)
- Top jaws not included
- 12" and larger w/ T-slots
- Draw bar & draw tube styles available

Model #	Diameter	Thru-hole
20-671-10-A06Z	10"	Closed Center
20-671-10-A06Z	10"	Closed Center
20-671-10-A06Z	12"	Closed Center
20-671-10-A06Z	12"	Closed Center
20-671-10-A06Z	15"	Closed Center
20-671-10-A06Z	15"	Closed Center
20-671-10-A06Z	18"	Closed Center
20-671-10-A06Z	18"	Closed Center
20-671-10-A06Z	21"	Closed Center
20-671-10-A06Z	21"	Closed Center
20-671-10-A06Z	24"	Closed Center

20-672 - 2/3-Jaw - Serrated Jaw Power Chuck


- Steel body chuck; used as 2-jaw or 3-jaw chuck
- American Standard serrated master jaws (set of keys incl.)
- Top jaws not included
- 12" and larger w/ T-slots
- Draw bar or draw tube styles

Model #	Diameter	Thru-hole
20-672-10-A06Z	10"	Closed Center
20-672-10-A06Z	10"	Closed Center
20-672-10-A06Z	12"	Closed Center
20-672-10-A06Z	15"	Closed Center
20-672-10-A06Z	15"	Closed Center
20-672-10-A06Z	18"	Closed Center
20-672-10-A06Z	18"	Closed Center
20-672-10-A06Z	21"	Closed Center
20-672-10-A06Z	21"	Closed Center
20-672-10-A06Z	24"	Closed Center

20-620 - 3-Jaw - Non-Adjustable Jaw Power Chuck


- Steel body
- American Standard Tongue & Groove master jaws
- Top jaws not included
- Non-adjustable master jaws
- Draw bar & draw tube styles available

Model #	Diameter	Thru-hole
20-620-06-A05Z	6"	Closed Center
20-620-06-A06Z	6"	Closed Center
20-620-08-A06Z	8"	Closed Center
20-620-08-A08Z	8"	Closed Center
20-620-10-A06Z	10"	Closed Center
20-620-10-A08Z	10"	Closed Center
20-620-12-A06Z	12"	Closed Center
20-620-12-A08Z	12"	Closed Center
20-620-15-A08Z	15"	Closed Center
20-620-15-A11Z	15"	Closed Center
20-620-18-A11Z	18"	Closed Center
20-620-18-A15Z	18"	Closed Center
20-620-21-A11Z	21"	Closed Center
20-620-21-A15Z	21"	Closed Center
20-620-24-A15Z	24"	Closed Center

20-621 - 2-Jaw - Non-Adjustable Jaw Power Chuck


- Steel body
- American Standard Tongue & Groove master jaws
- Top jaws not included
- Non-adjustable master jaws
- Draw bar & draw tube styles available

Model #	Diameter	Thru-hole
20-621-06-A05Z	6"	Closed Center
20-621-06-A06Z	6"	Closed Center
20-621-08-A06Z	8"	Closed Center
20-621-08-A08Z	8"	Closed Center
20-621-10-A06Z	10"	Closed Center
20-621-10-A08Z	10"	Closed Center
20-621-12-A06Z	12"	Closed Center
20-621-12-A08Z	12"	Closed Center
20-621-15-A08Z	15"	Closed Center
20-621-15-A11Z	15"	Closed Center
20-621-18-A11Z	18"	Closed Center
20-621-18-A15Z	18"	Closed Center
20-621-21-A11Z	21"	Closed Center
20-621-21-A15Z	21"	Closed Center
20-621-24-A15Z	24"	Closed Center

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20-622 - 2/3-Jaw - Non-Adjustable Jaw Power Chuck



- Steel body
- American Standard Tongue & Groove master jaws
- Top jaws not included
- Non-adjustable master jaws
- Draw bar & draw tube styles available

Model #	Diameter	Thru-hole
20-622-08-A06Z	8"	Closed Center
20-622-08-A08Z	8"	Closed Center
20-622-10-A06Z	10"	Closed Center
20-622-10-A08Z	10"	Closed Center
20-622-12-A08Z	12"	Closed Center
20-622-15-A08Z	15"	Closed Center
20-622-15-A11Z	15"	Closed Center
20-622-18-A11Z	18"	Closed Center
20-622-18-A15Z	18"	Closed Center
20-622-21-A11Z	21"	Closed Center
20-622-21-A15Z	21"	Closed Center
20-622-24-A15Z	24"	Closed Center

20-641 - 2-Jaw - Adjustable Jaw Power Chuck



- Steel body
- American Standard Tongue & Groove master jaws
- Top jaws not included
- Individually Adjustable Master Jaws
- Draw bar & draw tube styles available

Model #	Diameter	Thru-hole
20-641-08-A06Z	8"	Closed Center
20-641-08-A08Z	8"	Closed Center
20-641-10-A06Z	10"	Closed Center
20-641-10-A08Z	10"	Closed Center
20-641-12-A06Z	12"	Closed Center
20-641-12-A08Z	12"	Closed Center
20-641-15-A08Z	15"	Closed Center
20-641-15-A11Z	15"	Closed Center
20-641-18-A11Z	18"	Closed Center
20-641-18-A15Z	18"	Closed Center
20-641-21-A11Z	21"	Closed Center
20-641-21-A15Z	21"	Closed Center
20-641-24-A11Z	24"	Closed Center

20-640 - 3-Jaw - Adjustable Jaw Power Chuck



- Steel body
- American Standard Tongue & Groove master jaws
- Top jaws not included
- Individually Adjustable Master Jaws
- Draw bar & draw tube styles available

Model #	Diameter	Thru-hole
20-640-08-A06Z	8"	Closed Center
20-640-08-A08Z	8"	Closed Center
20-640-10-A06Z	10"	Closed Center
20-640-10-A08Z	10"	Closed Center
20-640-12-A06Z	12"	Closed Center
20-640-12-A08Z	12"	Closed Center
20-640-15-A08Z	15"	Closed Center
20-640-15-A11Z	15"	Closed Center
20-640-18-A11Z	18"	Closed Center
20-640-18-A15Z	18"	Closed Center
20-640-21-A11Z	21"	Closed Center
20-640-21-A15Z	21"	Closed Center
20-640-24-A11Z	24"	Closed Center
20-640-24-A15Z	24"	Closed Center

20-642 - 2/3-Jaw - Adjustable Jaw Power Chuck



- Steel body chuck; used as 2-jaw or 3-jaw chuck
- American Standard Tongue & Groove master jaws
- Top jaws not included
- Adjustable Master Jaws
- Draw bar & draw tube styles available

Model #	Diameter	Thru-hole
20-642-08-A06Z	8"	Closed Center
20-642-08-A08Z	8"	Closed Center
20-642-10-A06Z	10"	Closed Center
20-642-10-A08Z	10"	Closed Center
20-642-12-A08Z	12"	Closed Center
20-642-15-A08Z	15"	Closed Center
20-642-15-A11Z	15"	Closed Center
20-642-18-A11Z	18"	Closed Center
20-642-18-A15Z	18"	Closed Center
20-642-21-A11Z	21"	Closed Center
20-642-21-A15Z	21"	Closed Center
20-642-24-A11Z	24"	Closed Center
20-642-24-A15Z	24"	Closed Center

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20-687 - 2-Jaw - High Speed Open Center Power Chuck


- Steel body
- 1.5mm x 60° serrations
- Hardened jaw ways and all internal parts
- Large thru-hole
- High RPM

Model # (mount)	Diameter / RPM	Thru-hole
20-687-06A5DZ (A2-5)	6" / 6000	1.771"
20-687-08A5IZ (A2-5)	8" / 5000	2.047"
20-687-08A6DZ (A2-6)	8" / 5000	2.047"
20-687-10A6IZ (A2-6)	10" / 4200	2.952"
20-687-10A8DZ (A2-8)	10" / 4200	2.952"
20-687-12A6IZ (A2-6)	12" / 3300	3.582"
20-687-12A8DZ (A2-8)	12" / 3300	3.582"
20-687-12A11IZ (A2-11)	12" / 3300	3.582"

20-679 - 3-Jaw - Open Center Power Chuck


- Steel body & high speed
- Top tooling 1.5mm x 60° serrations thru 18" chucks, 3mm x 60° on 21" & 24" chucks
- Thru-holes & quick-change cover plate for closed center apps.
- Direct replacement for Kitagawa B Series chucks

Model # (mount)	Diameter / RPM	Thru-hole
20-679-06A5DZ (A2-5)	6" / 6000	1.771"
20-679-08A5IZ (A2-5)	8" / 5000	2.047"
20-679-08A6DZ (A2-6)	8" / 5000	2.047"
20-679-10A6IZ (A2-6)	10" / 4200	2.952"
20-679-10A8DZ (A2-8)	10" / 4200	2.952"
20-679-12A6IZ (A2-6)	12" / 3300	3.582"
20-679-12A8DZ (A2-8)	12" / 3300	3.582"
20-679-12A11IZ (A2-11)	12" / 3300	3.582"
20-679-15A8IZ (A2-8)	15" / 2500	4.626"
20-679-15A11DZ (A2-11)	15" / 2500	4.626"
20-679-18A11DZ (A2-11)	18" / 2000	4.626"
20-679-21A11IZ (A2-11)	21" / 1700	5.512"
20-679-21A15DZ (A2-15)	21" / 1700	5.512"
20-679-24A11IZ (A2-11)	24" / 1400	6.496"
20-679-24A15DZ (A2-15)	24" / 1400	6.496"

20-677 - 2/3-Jaw - Thru-Hole Power Chuck


- Used as 2-Jaw or 3-Jaw Chuck
- Thru-hole & long stroke
- Adapter plate mounted
- Serration pitch 1.5mm 8" - 12" and 3mm serration for 15" chuck
- Larger Diameters Available

Model #	Diameter	Thru-hole
20-677-08-A5Z	8"	1.378"
20-677-08-A6Z	8"	1.378"
20-677-10-A6Z	10"	1.575"
20-677-10-A8Z	10"	1.575"
20-677-12-A8Z	12"	2.165"
20-677-12-A11Z	12"	2.165"
20-677-15-A8Z	15"	2.953"
20-677-15-A11Z	15"	2.953"

20-688 - 2+2 Jaw - Power Chuck


- Requires double acting cylinder
- 2 separate clamping motions of opposing jaws
- Closed center
- 3mm serration pitch
- Long jaw stroke & high clamping forces

Model #	Size	Max RPM
20-688-10A6Z	10"	2000
20-688-10A8Z	10"	2000
20-688-12A8Z	12"	1500
20-688-12A11Z	12"	1500
20-688-15A8Z	15"	1200
20-688-15A11Z	15"	1200

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10-073 - Double Parallel Slot Boring Mill Jaw



- Steel Bodies
- For tables with double parallel slots
- Set of 4 with Solid Reversible Jaws
- 2-piece jaws available

Model #	Size	Est. Gross Wgt. (lbs.)
10-073-08-000B	8"	260
10-073-10-000B	10"	320
10-073-12-000B	12"	360
10-073-14-000B	14"	420

10-766 - Closed Center Hydraulic Cylinder



- High speed & closed center
- Can be installed in both horizontal and vertical applications
- Safety check valves
- Optional stroke sensing

Model #	Piston Stroke	Max. Pressure
10-766-0750Z	.591"	580 PSI
10-766-1000Z	.787"	580 PSI
10-766-1250Z	.984"	580 PSI
10-766-1500Z	1.181"	580 PSI
10-766-2000Z	1.378"	580 PSI
10-766-2500Z	2.360"	900 PSI

10-767 - Closed Center Double Hydraulic Cylinder



- Special double acting cylinder w/ 2 separate piston actuations
- Can integrate air sensing, air blow, or coolant through
- Use vertically or horizontally
- Available with stroke control

Model #	Max. Piston Stroke	Max. Speed
10-767-1370Z	2.756"/.787"	5000 RPM
10-767-1770Z	3.223"/.787"	4000 RPM

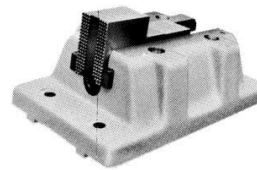
10-063 - Single Radial Slot Face Plate Jaw



- Steel Bodies
- For tables with single radial slots
- Set of 4 with Solid Reversible Jaws
- 2-piece jaws available

Model #	Size	Est. Gross Wgt. (lbs.)
10-063-06-000D	6"	160
10-063-08-000D	8"	280

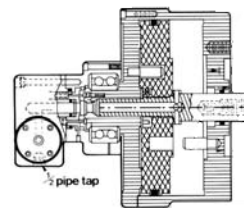
10-076 - Extra-Heavy Duty Boring Mill Jaw



- Steel Bodies
- For tables with double parallel slots
- Set of 4 with Solid Reversible Jaws (2-piece jaws available)
- Heavy Duty

Model #	Size	Est. Gross Wgt. (lbs.)
10-076-14-000A	14"	1,250

10-752 - Air Cylinder

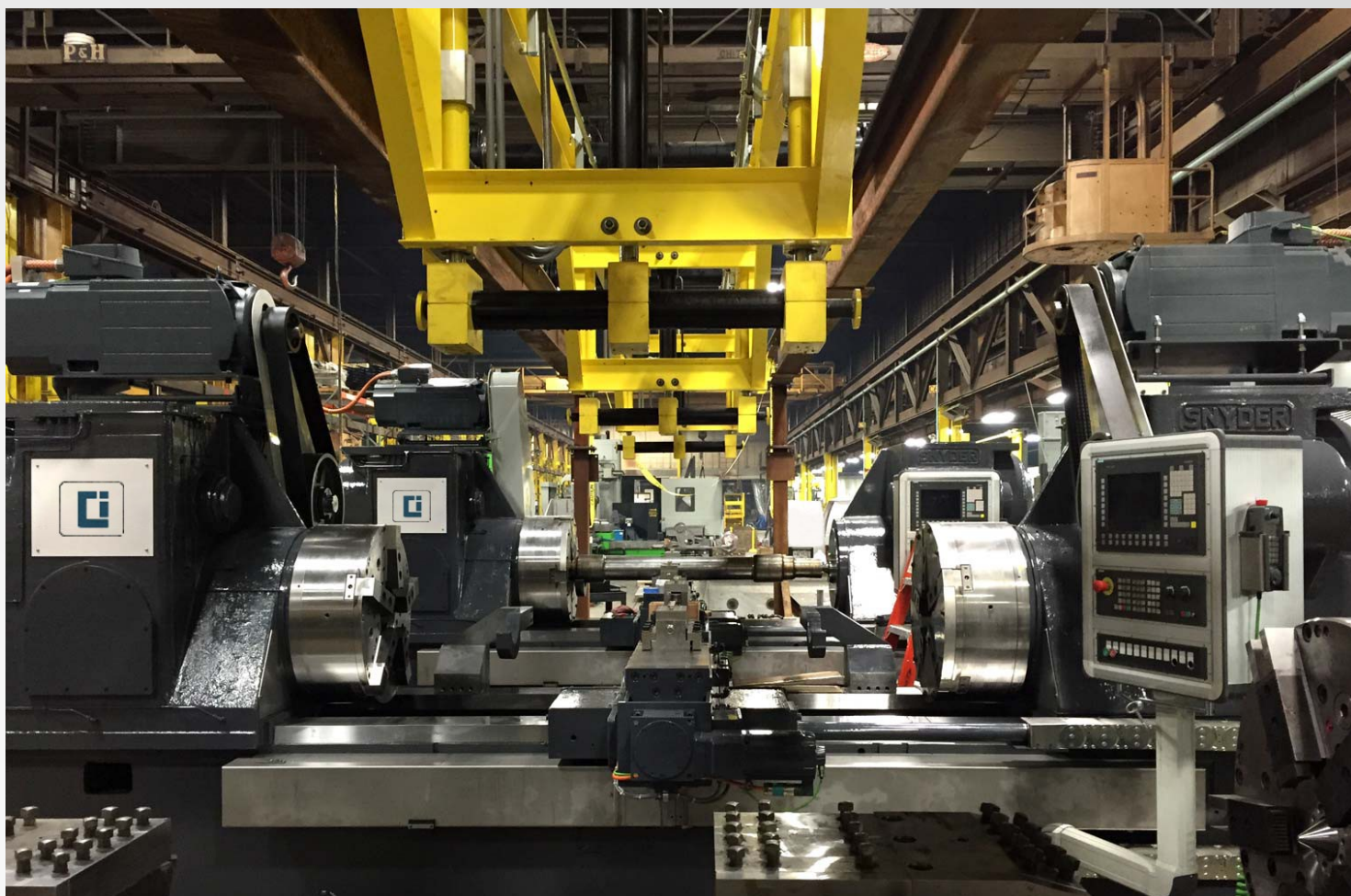


- Aluminum body
- Double-acting, rotating and air operated
- Especially designed for power chuck actuation
- Patented swivel connection provides maximum performance

Model #	Piston Diameter	Piston Stroke
10-752-04Z	4.50"	1.00"
10-752-06Z	6.00"	1.50"
10-752-08Z	8.00"	1.50"
10-752-10Z	10.00"	1.50"
10-752-12Z	12.00"	1.50"
10-752-14Z	14.00"	2.00"
10-752-16Z	16.00"	2.00"
10-752-18Z	18.00"	2.00"
10-752-20Z	20.00"	2.00"

In 1862, Mr. Cushman began chuck manufacturing at his residence. The original quarters were soon outgrown necessitating the construction of a new building, equipped for manufacturing chucks. The company moved to the new manufacturing facility in 1914 and continued to thrive through the years. Through innovation and product development, Cushman became the world's leading chuck maker - awarded over fifty patents. The growth of Cushman was the result of fundamental know-how, developed over the years, coupled with intensive engineering and practical experience.

Today, the new Cushman Industries, partnering with workholding specialists from around the world, stands ready to provide world-class products and services at competitive prices and deliveries.



**Cushman
Chucks®**

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