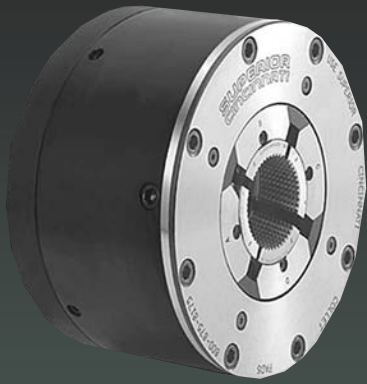


SUPERIOR CINCINNATI



COLLET CHUCKS

COLLET PADS

CHUCK PADS

FEED FINGER PADS

PROUDLY MADE IN THE USA



Superior Cincinnati is an industry leader in the design and manufacturing of Collet Chucks, Collet Pads, Feed Finger Pads and workholding accessories. Since 1975 we have provided outstanding quality, value and service to our customers. We continuously strive to meet our customers ever increasing requirements to improve productivity and profits. Superior Cincinnati workholding products come with off-the-shelf delivery for most machine tools. Our national network of distributors, located in all major cities, are ready to serve your workholding needs. Our products are manufactured to the highest quality standards each and every day, priced to save you money and fully guaranteed to your satisfaction.

Selection Chart For Thru-Hole Collet Chucks:

Hot Rolled Stock vs. Ground or Cold Rolled Stock

If you contemplate using hot rolled bar stock then the "Hot Rolled" branch should be selected.

Drawtube Pull Required vs. Drawtube Push Acceptable

Some servo barfeeders require the drawtube to pull when closing the collet chuck. If no barfeeder is involved or the selected barfeeder does not have this requirement, then a collet chuck which closes when the drawtube is pushed forward would be acceptable.

Dead Length Required vs. "Pull Back Action"

A collet chuck with "Pull Back Action" will pull the bar away from the stop in the turret. If inconsistent stock length on a facing cut is unacceptable, or if the barfeed is servo driven, then a dead length collet chuck is indicated.

Precision Required vs. Standard Accuracy

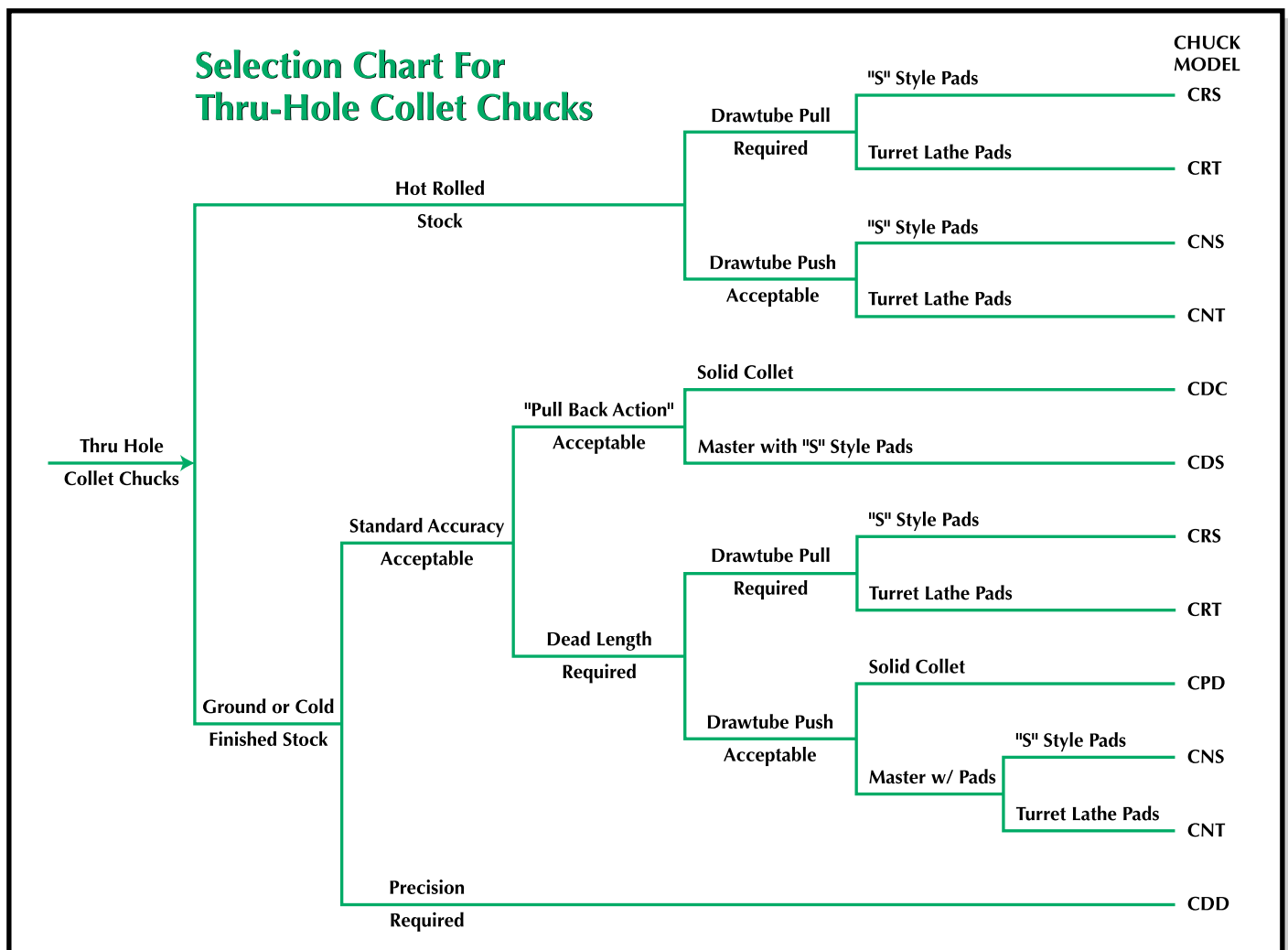
Select "Precision Required" where close repeatability is required a distance from the face of the collet chuck.

Solid Collet vs. Master Collet with Collet Pads

Some collet chucks require the use of a solid collet such as 5C, 16C, 3J or "B" Style collets. This means that the solid collet must be changed to accommodate different diameters. With a master and pads, the master collet remains in the collet chuck and only the collet pads are changed. Solid collets are considered more accurate but cost about 50% more than collet pads of comparable size.

"S" Style vs. Turret Lathe Pads

Some customers prefer one type of collet pad over the other. Turret Lathe Pads are more readily available from several manufacturers. "S" Style Pads are only available from a limited number of suppliers.



CNS/CNT "S" Style & Turret Lathe Collet Chucks

Page 4



- No part movement
- True parallel grip = More gripping force
- Drawtube push to actuate
- Up to 6" bar stock capacity
- Full .125" clamping range permitting optional robot load
- Exclusive Centr-Adjust feature to centralize the chuck
- Repeatability @ chuck face is .0005" T.I.R. or better
- Uses "S" Style or Turret Lathe Collet Pads
- Has provision for an internal workstop
- Short length
- In stock

CRS/CRT "S" Style & Turret Lathe Collet Chucks for Servo Barfeeders

Page 4



- No part movement
- True parallel grip = More gripping force
- Drawtube pull to actuate
- Up to 6" bar stock capacity
- Full .125" clamping range permitting optional robot load
- Exclusive Centr-Adjust feature to centralize the chuck
- Repeatability @ chuck face is .0005" T.I.R. or better
- Uses "S" Style or Turret Lathe Collet Pads
- Has provision for an internal workstop
- Short length
- Need for turret stop is lessened or eliminated

CPD "B" Style Solid Collet Chucks

Page 5



- No part movement
- Ideal for subspindle applications, secondary operations and part transfers
- Available with optional part ejector
- Drawtube push to actuate
- Up to 2 3/8" bar stock capacity
- Exclusive Centr-Adjust feature to centralize the chuck
- Repeatability @ chuck face is .0005" T.I.R. or better
- Uses "B" Style Solid Collets
- Features a collet locating pin
- Small size allows for greater tool clearances and more z-axis travel
- In stock

CDD Duplex Collet Chucks

Page 5



- Close repeatability a distance from the face of the chuck
- Extended grip length-Able to grip on two diameters
- No pullback action
- True parallel grip = More gripping force
- Drawtube push to actuate
- Up to 2" bar stock capacity
- Full .063" clamping range
- Exclusive Centr-Adjust feature to centralize the chuck
- Repeatability @ chuck face is .0005" T.I.R. or better
- Uses Turret Lathe Collet Pads
- Helps prevent vibration due to bar whip
- In stock

CDC 5C, 16C, 3J Conventional Solid Collet Chucks

Page 5



- Pullback action
- Drawtube actuated
- Up to 1 3/4" bar stock capacity
- Exclusive Centr-Adjust feature to centralize the chuck
- Repeatability @ chuck face is .0005" T.I.R. or better
- Uses 5C, 16C or 3J Style Collets
- Features a collet locating pin
- In stock

CDS "S" Style Conventional Master Collet Chucks

Page 5



- Pullback action
- Drawtube actuated
- Up to 4" bar stock capacity
- Exclusive Centr-Adjust feature to centralize the chuck
- Repeatability @ chuck face is .0005" T.I.R. or better
- Uses "S" Style, Martin Type or Turret Lathe Collet Pads
- Master collet provided
- Ideal for first operations and slug work
- In stock

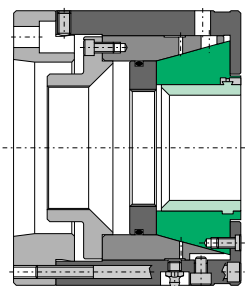
COLLET CHUCKS PADS

Page 16

ORDERING INFORMATION

Page 18

CNS/CNT "S" Style & Turret Lathe Collet Chucks



Benefits

- No part movement
- True parallel grip = More gripping force = Faster feeds and speeds
- Large .125" clamping range (opens & closes 0.6" from nominal) = Ability of the chuck to handle hot rolled stock
- Exclusive Centr-Adjust feature to centralize the chuck
- Short, totally sealed design – No exposed mating surfaces
- Chuck is shorter than other competitive models

CHUCK MODEL NUMBER	COLLET NUMBER	MAXIMUM BAR CAPACITY			CHUCK NOSE DIAMETER	SPINDLE NOSE	OVERALL LENGTH
		ROUND	HEXAGON	SQUARE			

FOR "S" STYLE COLLET PADS

CNS-16	1216	1.62	1.41	1.16	5.25	A05	4.30
						A06	4.47
						A08	4.66
CNS-22	1222	2.25	1.94	1.56	6.50	A05	5.21
						A06	5.28
						A08	5.64
CNS-26	1226	2.62	2.25	1.84	8.25	A05	5.21
						A06	5.28
						A08	5.64
CNS-30	1230	3.00	2.59	2.09	8.25	A05	5.21
						A06	5.28
						A08	5.49
CNS-40	1240	4.00	3.43	2.81	10.00	A06	5.96
						A08	6.17
						A11	6.40

NOTES: Dimensional data and capacities are shown in inches.

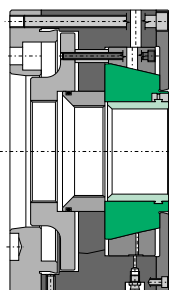
CHUCK MODEL NUMBER	COLLET NUMBER	MAXIMUM BAR CAPACITY			CHUCK NOSE DIAMETER	SPINDLE NOSE	OVERALL LENGTH
		ROUND	HEXAGON	SQUARE			

FOR TURRET LATHE COLLET PADS

CNT-15	1027	1.50	1.31	1.06	5.25	A05	4.30
						A06	4.47
						A08	4.66
CNT-20	1025	2.00	1.75	1.38	6.50	A05	5.21
						A06	5.28
						A08	5.64
CNT-25	1026	2.50	2.18	1.75	6.50	A05	5.21
						A06	5.28
						A08	5.64
CNT-30	1022	3.00	2.62	2.12	8.25	A05	5.21
						A06	5.28
						A08	5.49
CNT-45	1049	4.50	3.87	3.18	10.00	A06	5.96
						A08	6.17
						A11	6.40
CNT-60	1014	6.00	5.00	4.25	13.00	A11	7.90
						A15	8.31

NOTES: Dimensional data and capacities are shown in inches.

CRS/CRT "S" Style & Turret Lathe Collet Chucks for Servo Barfeeders



Benefits

- No part movement
- Designed for Servo Barfeeders
- True parallel grip = More gripping force = Faster feeds and speeds
- Large .125" clamping range (opens & closes 0.6" from nominal) = ability of the chuck to handle hot rolled stock
- Exclusive Centr-Adjust feature to centralize the chuck
- Short, totally sealed design – No exposed mating surfaces
- Chuck is shorter than other competitive models

CHUCK MODEL NUMBER	COLLET NUMBER	MAXIMUM BAR CAPACITY			CHUCK NOSE DIAMETER	SPINDLE NOSE	OVERALL LENGTH
		ROUND	HEXAGON	SQUARE			

FOR S STYLE COLLET PADS

CRS-16	1216	1.62	1.41	1.16	6.50	A05	5.08
						A06	5.15
						A08	5.51
CRS-22	1222	2.25	1.94	1.56	6.50	A05	5.08
						A06	5.15
						A08	5.51
CRS-26	1226	2.62	2.25	1.84	8.25	A05	5.33
						A06	5.40
						A08	5.61
CRS-30	1230	3.00	2.59	2.09	10.00	A05	5.33
						A06	5.40
						A08	5.84
CRS-40	1240	4.00	3.43	2.81	12.00	A06	5.40
						A08	5.61
						A11	5.81

NOTES: Dimensional data and capacities are shown in inches.

CHUCK MODEL NUMBER	COLLET NUMBER	MAXIMUM BAR CAPACITY			CHUCK NOSE DIAMETER	SPINDLE NOSE	OVERALL LENGTH
		ROUND	HEXAGON	SQUARE			

FOR TURRET LATHE COLLET PADS

CRT-15	1027	1.50	1.31	1.06	6.50	A05	5.08
						A06	5.15
						A08	5.51
CRT-20	1025	2.00	1.75	1.38	6.50	A05	5.08
						A06	5.15
						A08	5.51
CRT-25	1026	2.50	2.18	1.75	8.25	A05	5.33
						A06	5.40
						A08	5.61
CRT-30	1022	3.00	2.62	2.12	10.00	A05	5.33
						A06	5.40
						A08	5.84
CRT-45	1049	4.50	3.87	3.18	12.00	A06	5.90
						A08	6.11
						A11	6.31
CRT-60	1014	6.00	5.00	4.25	15.00	A11	6.81
						A15	7.32

NOTES: Dimensional data and capacities are shown in inches.

Specials

We make special collet chucks and pads to fit your applications.
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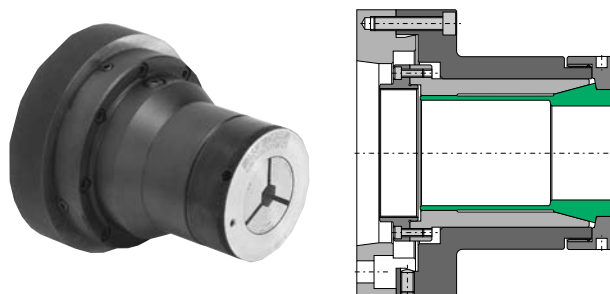


Superior Cincinnati
3894 Virginia Avenue
Cincinnati, Ohio 45227-3410
Internet: www.superiorcincinnati.com



Customer Service
USA: (800) 875-8175
Phone: (513) 272-1122
Fax: (513) 272-0503

CPD "B" Style Solid Collet Chucks



Benefits

- No part movement
- Ideal for subspindle applications, secondary operations and part transfers
- Available with optional part ejector
- Small size allows for greater tool clearances and more z-axis travel

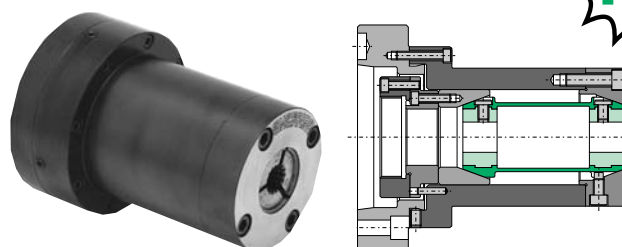
CHUCK MODEL NUMBER	COLLET NUMBER	MAXIMUM BAR CAPACITY			CHUCK NOSE DIAMETER	SPINDLE NOSE	OVERALL LENGTH
		ROUND	HEXAGON	SQUARE			

FOR "B" STYLE COLLET PADS

CPD-30	B-30	1.18	1.02	0.83	3.25	A05	4.64
						A06	4.81
						A08	5.00
CPD-42	B-42	1.65	1.42	1.16	3.50	A05	5.77
						A06	5.84
						A08	6.20
CPD-60	B-60	2.36	2.04	1.67	4.38	A05	5.96
						A06	6.03
						A08	6.39

NOTES: Dimensional data and capacities are shown in inches.

CDD Duplex Collet Chucks



Benefits

- Close repeatability a distance from the face of the chuck
- Extended grip length – Able to grip on two diameters
- True parallel grip = More gripping force = Faster feeds and speeds
- Exclusive Centr-Adjust feature to centralize the chuck
- Sealed design – No exposed mating surfaces

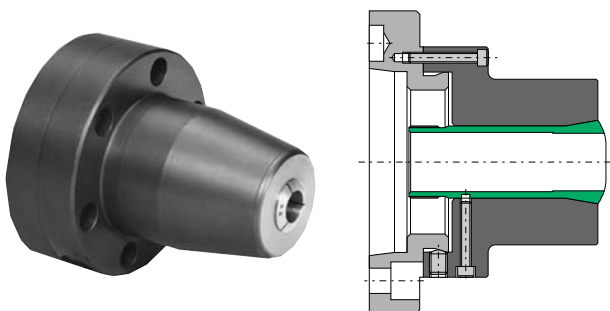
CHUCK MODEL NUMBER	COLLET NUMBER	MAXIMUM BAR CAPACITY			CHUCK NOSE DIAMETER	SPINDLE NOSE	OVERALL LENGTH
		ROUND	HEXAGON	SQUARE			

FOR TURRET LATHE COLLET PADS

CDD-15	1071	1.50	1.31	1.06	4.00	A05	7.08
						A06	7.25
						A08	7.44
CDD-20	1025	2.00	1.75	1.38	5.00	A05	7.45
						A06	7.51
						A08	7.88

NOTES: Dimensional data and capacities are shown in inches.

CDC 5C, 16C, 3J Conventional Solid Collet Chucks CDS "S" Style Conventional Master Collet Chucks

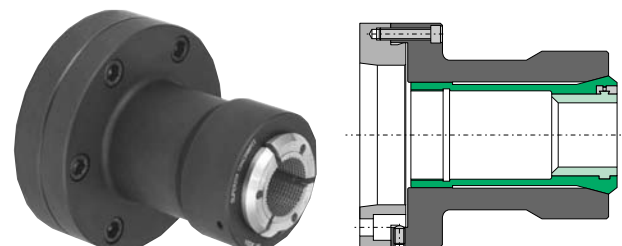


CHUCK MODEL NUMBER	COLLET NUMBER	MAXIMUM BAR CAPACITY			CHUCK NOSE DIAMETER	SPINDLE NOSE	OVERALL LENGTH
		ROUND	HEXAGON	SQUARE			

FOR 5C, 16C OR 3J COLLET PADS

CDC-5C	5C	1.06	0.90	0.75	2.75	A05	3.93
						A06	4.19
						A08	4.27
CDC-16C	16C	1.62	1.41	1.14	3.38	A05	4.71
						A06	4.88
						A08	5.07
CDC-3J	3J	1.75	1.53	1.25	3.63	A05	4.46
						A06	4.63
						A08	4.82

NOTES: Dimensional data and capacities are shown in inches.



CHUCK MODEL NUMBER	COLLET NUMBER	MAXIMUM BAR CAPACITY			CHUCK NOSE DIAMETER	SPINDLE NOSE	OVERALL LENGTH
		ROUND	HEXAGON	SQUARE			

FOR "S" STYLE COLLET PADS

CDS-16	1216	1.62	1.41	1.16	4.00	A05	7.73
						A06	7.90
						A08	8.09
CDS-22	1222	2.25	1.94	1.56	4.86	A05	7.58
						A06	7.65
						A08	8.01
CDS-26	1226	2.62	2.25	1.84	5.25	A05	7.98
						A06	8.05
						A08	8.41
CDS-30	1230	3.00	2.59	2.09	6.00	A05	8.23
						A06	8.30
						A08	8.51
CDS-40	1240	4.00	3.43	2.81	7.75	A06	9.28
						A08	9.72
						A11	9.72

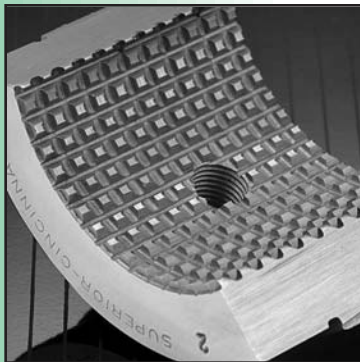
NOTES: Dimensional data and capacities are shown in inches.

EMERGENCY COLLET PADS (Soft, Blank)



- Specifically designed for emergencies
- Available in "S", Turret Lathe and Martin Type styles
- Collet pad material is soft with a 5/16" pilot hole for quick drilling, boring or stepping
- Can be used multiple times by boring out to a larger size
- May be hardened to improve wear qualities after boring
- Easy steps to speedy productivity
 1. Install pad into master collet
 2. Insert pins to hold the pad in the closed position
 3. Drill and finish bore, or step to the desired size
 4. Remove the pins

SUPER-GRIP® DISTINCTIVE BIDIRECTIONAL SERRATION DESIGN



- Specifically designed for NC/CNC turning centers
- Superior's Super-Grip® bidirectional collet pads feature serration lands which penetrate the work for a positive gripping action (better than competing pads)
- Unique and exclusive pyramid configuration provides equal gripping force along spindle axis in both forward and reverse spindle rotation
- Assures smooth bar feeding while precluding "push back" resulting from cutting forces
- Ideally suited for exotic or hard materials such as inconel, stainless...and many others
- Square, hexagon and octagon pads are furnished with annular serrations

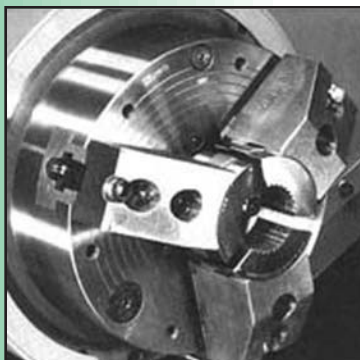
Super-Grip® is a registered trademark of Superior Cincinnati

SHAPES AND SPECIALS



- Pads for master collets and feeder pads are available from stock in round hexagon and square shapes. Unique shapes, eccentric, rectangles, octagons or off-center holes can be custom made
- Collet and feeder pads are available in a variety of materials including high quality alloy steel, bronze and other fanalics
- Most pads are hardened for maximum resilience
- All collets are manufactured for maximum concentricity
- **Concentricity of round, smooth pads is .0002" T.I.R. or better**

PADS FOR TOP JAWS



- Lower tooling cost - Collet Pads are less expensive than top jaws
- Top jaws do not have to be machined in order to grip standard shapes
- Reduce set-up time - Collet Pads are changed much faster than chuck jaws and facilitate set-up for a variety of sizes
- Minimize scrap - Positive holding action grips workpiece firmly in position, reducing scrap loss
- Increase tool flexibility - Collet Pads can be used economically for both bar and chucking work. They are offered for chuck sizes 8 inches through 18 inches and for all standard makes of chucks
- Reduce storage space - Collet Pads are much smaller than jaws and require less storage space

TURRET LATHE PADS

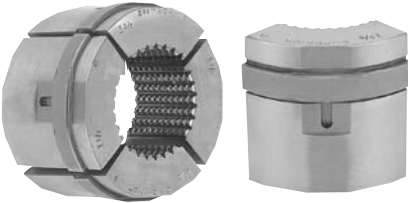
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- Threaded holes in the periphery of the middle diameter are used to secure the pads to the master collet
- These pads were originally used on turret lathes, thus their name
- Turret Lathe Pads are commonly used with Collet Chucks and collet pad top jaws
- Machinable Emergency Collet Pads available from stock
- Turret Lathe Pads can be purchased in a variety of shapes, sizes and materials

"S" STYLE PADS

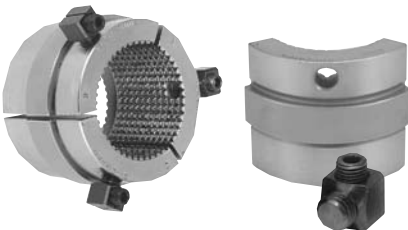
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- Dovetail feature machined in the middle diameter of each segment
- Clamp screw engages the dovetail feature to secure the pad segment(s) into the master collet
- Used primarily on multi-spindle automatics and in some Collet Chucks
- Designed to be changed without requiring the removal of the master collet from the chuck
- Machinable Emergency Collet Pads available from stock
- "S" Style Pads can be purchased in a variety of shapes, sizes and materials

MARTIN TYPE PADS

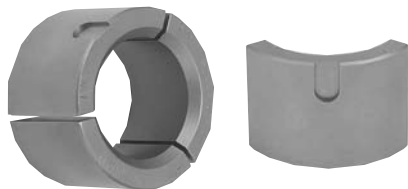
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- Identified by square lugs threaded into the periphery of the ground diameter closest to the face of the master collet
- By turning the set screws, the lugs expand into slots thus securing the pad to the master collet
- Master collet allows changing of the pad(s) without removing the master from the spindle
- Pads are primarily used on multi-spindle automatics but are used in some Collet Chucks
- Machinable Emergency Collet Pads available from stock
- Martin Type Pads can be purchased in a variety of shapes, sizes and materials

FEED FINGER PADS (MODEL "A")

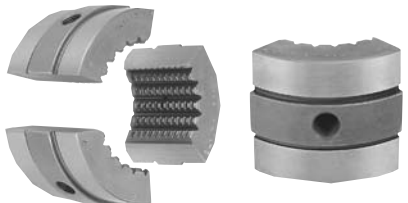
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- Seated in the recess within the master feeder
- One pad has a slot for engaging a key of the master feeder to eliminate pad rotation
- For maximum wear the Feed Finger Pads are hardened
- Pads are quickly and easily changed
- Feed Finger Pads can be purchased in a variety of shapes, sizes and materials

JAW CHUCK PADS

Page 15



- Available for popular jaw chucks
- Used in jaw chucks with collet pad top jaws
- For chucks that have master jaws that accept standard Turret Lathe Collet Pads
- Increases flexibility of jaw chucks by eliminating wasted time spent on jaw change over
- Offered in distinctive bidirectional serrated design to accommodate various stock diameters within working range of the chuck
- Machinable Emergency Collet Pads available from stock
- Jaw Chuck Pads can be purchased in a variety of shapes, sizes and materials

COLLET CHUCK PADS

Page 16



- Manufactured for use in all Superior Cincinnati Collet Chucks
- Also available for many other manufacturer's Collet Chucks
- Designed for bar and chucking work, available from stock with up to 6" chuck capacity
- Machinable Emergency Collet Pads available from stock
- Collet Chuck Pads can be purchased in a variety of shapes, sizes and materials

ORDERING INFORMATION

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TURRET LATHE Conventional Style Collet Pads

MACHINE MODEL	MACHINE SIZE	COLLET PAD CAPACITY			MASTER COLLET NUMBER	MASTER PAD NUMBER	SUPERIOR NUMBER
		ROUND	HEXAGON	SQUARE			

BARDONS & OLIVER

#3, 5	1 1/2	1 1/2	1 19/64	1 3/64			1096
#7	2	2	1 23/32	1 13/32			1097
#10	3 1/16	3 1/16	2 5/8	2 5/32			1091

GISHOLT

# 3	1 1/2	1 1/2	1 3/8	1 1/8	3Y-7112-A (4 Split)	3X-7731 Rd. 3X-7735 Hx. 3X-7733 Sq.	1060
# 3, 4	2	2	1 3/4	1 3/8	4Y-7112-A (4 Split)	4X-7731 Rd. 4X-7735 Hx. 4X-7733 Sq.	1061
# 3, 4	2	2	1 3/4	1 3/8	4Y-7138-A 4Y-7138-B (3 Split)	4X-7731-A Rd. 4X-7735-A Hx. 4X-7733-A Sq.	1025
# 5 5-AR 1-L	2 1/2	2 1/2	2 1/8	1 3/4	5Y-7112 (4 Split)	5X-7731 Rd. 5X-7735 Hx. 5X-7733 Sq.	1063
# 5 5-AR 1-L	2 1/2	2 1/2	2 1/8	1 3/4	11X-6762 (3 Split)	11X-7737 Rd. 11X-7741 Hx. 11X-7739 Sq.	1026
# 5 5 ABC	3	3	2 5/8	2 1/8	5X-7849 (3 Split)	5X-7843 Rd. 5X-7847 Hx. 5X-7845 Sq.	1022
1-L 2-L	3 1/2	3 1/2	3	2 7/16	12X-6561 2-L-06002-B (4 Split)	12X-7731 Rd. 12X-7735 Hx. 12X-7733 Sq.	1066
1-L 2-L	3 1/2	3 1/2	3	2 7/16	12X-6762 (3 Split)	12X-7737 Rd. 12X-7741 Hx. 12X-7739 Sq.	1067
# 5, 5-AR 2-L, 3-L	4 1/2	4 1/2	3 7/8	3 1/8	13X-6561 3-L-6561 (4 Split)	13X-7731 Rd. 13X-7735 Hx. 13X-7733 Sq.	1023
# 5, 5-AR 2-L, 3-L	4 1/2	4 1/2	3 7/8	3 1/8	13X-6561-B (3 Split)	13X-7716 Rd. 13X-7720 Hx. 13X-7718 Sq.	1068

JONES & LAMSON

# 3 Universal	1 1/2	1 1/2	1 1/4	1	10463 (3 Split)	10482 Rd. 11232 Hx. 11233 Sq.	1080
# 4 Universal	1 3/4	1 3/4	1 1/2	1 1/4	11709 (3 Split)	11710 Rd. 11711 Hx. 11712 Sq.	1081
# 4 Universal	2	2	1 3/4	1 3/8	19985 (3 Split)	19992 Rd. 19994 Hx. 19995 Sq.	1082

Specials
We make special collet chucks and pads to fit your applications.
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Superior Cincinnati
3894 Virginia Avenue
Cincinnati, Ohio 45227-3410
Internet: www.superiorcincinnati.com



Customer Service
USA: (800) 875-8175
Phone: (513) 272-1122
Fax: (513) 272-0503



TURRET LATHE Conventional Style Collet Pads

MACHINE MODEL	MACHINE SIZE	COLLET PAD CAPACITY			MASTER COLLET NUMBER	MASTER PAD NUMBER	SUPERIOR NUMBER
		ROUND	HEXAGON	SQUARE			

JONES & LAMSON (continued)

# 5 7-A, 7-B, 7-D	2 1/2	2 1/2	2 1/4	1 3/4	10464 (3 Split)	10481 Rd. 11237 Sq. 11236 Hx.	1083
# 5 7-A, 7-B	3	3	2 5/8	2 1/8	15246 (3 Split)	15239 Rd. 15421 Hx. 15422 Sq.	1084
# 5 7-A, 7-B	3 1/2	3 1/2	3	2 3/8	19898 (3 Split)	19896 Rd. 19894 Hx. 19893 Sq.	1085
# 5 7-A, 7-B	4 1/2	4 1/2	3 7/8	3 1/8	13818 (3 Split)	80754 Rd. 80756 Hx. 80757 Sq.	1086

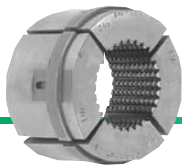
WARNER & SWASEY

# 2, # 3, #4, # 2EC, 16" EC	1 1/2	1 1/2	1 5/16	1 1/16	461-1002 462-1002 1369-1008	461-1003 Rd. 461-1023 Hx. 461-1024 Sq.	1027
# 3 # 4	1 3/4 2	2	1 3/4	1 3/8	1129-1102 1369-1003	1129-1004 Rd. 1129-1005 Hx. 1129-1006 Sq.	1025
# 5 1A	2 1/2	2 1/2	2 3/16	1 3/4	471-1001	471-1002 Rd. 471-1003 Hx. 471-1004 Sq.	1026
1A 2A	3 3 1/2	3 1/4	2 3/4	2 3/8	404-1008	404-1009 Rd. 404-1028 Hx. 404-1014 Sq.	1024
# 5	3	3	2 5/8	2 1/8	4669-1001	4669-1165 Rd. 4669-1166 Hx. 4669-1167 Sq.	1022
# 5	4 1/2	4 1/2	3 7/8	3 3/16	2779-1001	2779-1009 Rd. 2779-1010 Hx. 2779-1011 Sq.	1018 (3 Split) 1023 (4 Split)
2A 3A	4 1/2	4 1/2	3 3/16	3 3/16	533-1008	533-1010 Rd. 533-1011 Hx. 533-1016 Sq.	1021
3A	6	6	5 3/16	4 1/2	1959-7	1959-1003 Rd. 1959-1004 Hx. 1959-1005 Sq.	1014

NOTES: Machine size and capacities are shown in inches.

TURRET LATHE PAD NUMBER	SCREW SIZE	SUPERIOR NUMBER
1025, 1027, 1071	5/16	9001
1022, 1026, 1045, 1046, 1048, 1057, 1058, 1067, 1068, 1078	3/8	9002
1018, 1021, 1023, 1047, 1049, 1050, 1060, 1061, 1063, 1081, 1082, 1097	5/16	9003





"S" STYLE Collet Pads For Single & Multiple Spindle Automatics

MACHINE MODEL	MACHINE SIZE	"S" STYLE MASTER COLLET PADS			
		COLLET PAD CAPACITY			SUPERIOR NUMBER
		ROUND*	HEXAGON	SQUARE	
ACME-GRIDLEY (NATIONAL ACME)					
G, G-4, GA-4, R, R-6, RA, RA-4, RA-6, RB-6, RB-8	1 1/4	1 1/4	1 1/16	7/8	1212
G, GA, R, R-4, RA, RA-4, RAS-4	1 3/8	1 1/2	1 9/32	1 1/32	1215•
GA	1 1/2	1 1/2	1 9/32	1 1/32	1215
C, G, GA, GA-4, R, R-4, R-6, RA, RA-4, RA-6, RA-8, RAS-4, RB, RB-6, RB-8	1 5/8	1 5/8	1 13/32	1 1/8	1216
B, R, R-4, R-6, RA, RA-4, RA-6, RAS, RAS-4, RAS-6, RB, RB-6, RL	2	2	1 23/32	1 13/32	1220
B, G, R, R-4, R-6, R-8, RA, RA-4, RA-6, RA-8, RL	2 1/4	2 1/4	1 15/16	1 9/16	1222
G, G-4, GA-4, GR, M, R, R-6, R-8, RA, RA-6, RA-8, RB-6, RB-8	2 5/8	2 5/8	2 1/4	1 27/32	1226
G, GA, M, MR, R-4, R-6, R-8, RA, RA-4, RA-6, RB-4, RB-6, RB-8	3 1/2	3 1/2	3	2 15/32	1235
RB-6, RB-8	4	4	3 7/16	2 13/16	1240
BROWN & SHARPE					
# 23	2 3/8	1 5/8	1 13/32	1 1/8	1216
B.S.A.					
# 138	1 1/2	1 1/2	1 9/32	1 1/32	1215
# 168	2	2	1 23/32	1 13/32	1220
CONE					
	1 1/4	1 1/4	1 1/16	7/8	1212
	1 1/2	1 1/2	1 9/32	1 1/32	1215
	1 5/8	1 5/8	1 13/32	1 1/8	1216
	1 7/8 & 2	2	1 23/32	1 13/32	1220•
	2 1/4	2 1/4	1 15/16	1 9/16	1222
	2 1/2 & 2 5/8	2 5/8	2 1/4	1 27/32	1226•
	3 & 3 1/4	3	2 19/32	2 3/32	1230
	3 1/2	3 1/2	3	2 15/32	1235
	4	4	3 7/16	2 13/16	1240
	5	5	4 5/16	3 1/2	1250
GILDEMEISTER					
GM32, GS32, AS32, AV32, GM32/6		1 1/4	1 1/16	7/8	1212
AV48, AS48, AA48		2	1 23/32	1 13/32	1220
AV67, AS67		2 5/8	2 1/4	1 27/32	1226
GREENLEE					
Six Spindle	1 5/8	1 5/8	1 13/32	1 1/8	1216
Six Spindle	2 & 2 1/4	2	1 23/32	1 13/32	1220
Four Spindle	2 5/8	2 5/8	2 1/4	1 27/32	1226

WHEN ORDERING COLLET PADS SPECIFY:

Make of machine, machine size, machine model, number of sets required and Superior Cincinnati part number. One set of pads required for each spindle. A six spindle machine requires six sets of pads to equip a full machine; a single spindle machine requires one set. Special Collet Pads or items not shown on the above list are available on application and require a sketch or sample part for positive identification. Special discount based on quantity and cost justification available on application.

Specials
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Superior Cincinnati
3894 Virginia Avenue
Cincinnati, Ohio 45227-3410
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Customer Service
USA: (800) 875-8175
Phone: (513) 272-1122
Fax: (513) 272-0503



"S" STYLE Collet Pads For Single & Multiple Spindle Automatics

MACHINE MODEL	MACHINE SIZE	"S" STYLE MASTER COLLET PADS			
		COLLET PAD CAPACITY			SUPERIOR NUMBER
		ROUND*	HEXAGON	SQUARE	
HERBERT					
# 4	2	2	1 23/32	1 13/32	1220
# 5, 7	2 1/2	2 5/8	2 1/4	1 27/32	1226•
INDEX					
# B60	2 3/8	1 5/8	1 13/32	1 1/8	1216•
MORI-SEIKI (SL-2)					
SL-2B		2	1 23/32	1 13/32	1220
NEW BRITAIN					
# 52, 601, SL	1 1/4	1 1/4	1 1/16	7/8	1212
# 52, 60, 601	1 3/8	1 1/2	1 9/32	1 1/32	1215•
# 41, 61, 62	1 5/8	1 5/8	1 13/32	1 1/8	1216
# 61, 415, 817	1 3/4 & 2	2	1 23/32	1 13/32	1220•
# 61, 62	2 1/4	2 1/4	1 15/16	1 9/16	1222
# 26 Single Spindle, 126, 626, 828	2 5/8 & 2 3/4	2 5/8	2 1/4	1 27/32	1226
# 635	3 1/2	3 1/2	3	2 15/32	1235
# 640	4	4	3 7/16	2 13/16	1240
TRAUB					
A-56, A-60, TB-60, TS-60		1 5/8	1 13/32	1 1/8	1216
WARNER & SWASEY					
OAB Six Spindle M-3300	1 1/4	1 1/4	1 1/16	7/8	1212
Five Spindle M-2500	1 3/4	2	1 23/32	1 13/32	1220•
1AB Single & Five Spindle M-2530	2 1/4	2 1/4	1 15/16	1 9/16	1222
OAB Single Spindle M-4415	1 1/4	1 1/4	1 1/16	7/8	1212
1AB Single Spindle M-3880	2	2 1/4	1 15/16	1 9/16	1222•
2AB Single Spindle M-3925, M-3380	3	3	2 19/32	2 3/32	1230
1SC 5014-1006, 5034-1001	2 & 2 1/4	2 1/4	1 15/16	1 9/16	1222•
2SC, 2SC12, 5054-1003	3	3	2 19/32	2 3/32	1230
WICKMAN					
Five & Six Spindle	1 3/8	1 1/4	1 1/16	7/8	1212
Five, Six & Eight Spindle	1 3/4	1 5/8	1 13/32	1 1/8	1216
Six Spindle	2 1/4	2 1/4	1 15/16	1 9/16	1222
Single & Six Spindle	2 5/8	2 5/8	2 1/4	1 27/32	1226
Six Spindle	3 1/4	3	2 19/32	2 3/32	1230
Single & Four Spindle	3 1/2	3 1/2	3	2 15/32	1235
Six Spindle	4 1/8	4	3 7/16	2 13/16	1240

NOTES: Machine size and capacities are shown in inches.

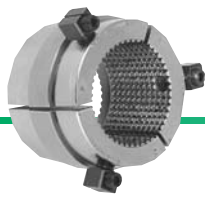
* Maximum capacity for round, serrated is 1/16" less than smooth except 1230, 1235, 1240 & 1250.

• Pad capacity limited by machine spindle bore.

WRENCHES & CLAMPS FOR STYLE "S" MASTER COLLETS

STYLE "S" PAD NUMBER	WRENCH & CLAMP TYPE	SPLINE SIZE	SUPERIOR NUMBER	
			WRENCH	CLAMPS
1212, 1215, 1216, 1220, 1226	B Spline	.111	4183-001-0001	4183-001-0000
1222, 1230, 1235, 1240, 1250	C Spline	.145	4183-002-0002	4183-002-0000





MARTIN TYPE* Collet Pads & Model "A" Feed Finger Pads

For Single & Multiple Spindle Automatics



MACHINE MODEL	MACHINE SIZE	MARTIN TYPE* MASTER COLLET PADS				MODEL "A" FEED FINGER/PUSHER PADS			
		COLLET PAD CAPACITY			SUPERIOR NUMBER	FEED FINGER PAD CAPACITY			SUPERIOR NUMBER
		ROUND	HEXAGON	SQUARE		ROUND	HEXAGON	SQUARE	

ACME-GRIDLEY (NATIONAL ACME)

C, R, R-4, R-6, RA, RA-4, RA-6, RAN-6, RAS-6	1	1	27/32	11/16	1036	15/16	13/16	21/32	2036
G, G-4, GA-4, R, R-6, RA, RA-4, RA-6, RB-6, RB-8	1 1/4	1 1/4	1 1/16	7/8	1031	1 3/16	1	13/16	2031
C, G, GA, GA-4, R, R-4, R-6, RA, RA-4, RA-6, RA-8, RAS-4, RB, RB-6, RB-8	1 5/8	1 5/8	1 13/32	1 5/32	1033	1 1/2	1 5/16	1 1/16	2033
B, R, R-4, R-6, RA, RA-4, RA-6, RAS, RAS-4, RAS-6, RB, RB-6, RL	2	2	1 23/32	1 13/32	1037	1 7/8	1 5/8	1 5/16	2053
M, R, R-6, R-8, RA, RA-6, RA-8, RB-6, RB-8	2 5/8	2 5/8	2 1/4	1 27/32	1038	2 9/16	2 3/16	1 13/16	2038
M, MR, R-6, R-8, RA, RA-4, RA-6, RB-4, RB-6, RB-8	3 1/2	3 1/2	3	2 7/16	1035	3 7/32	2 3/4	2 1/4	2035
RB-6, RB-8	4	4	3 1/2	2 7/8	1017	3 7/8	3 3/8	2 3/4	2017
M, RA-4, RB	4 3/4	4 3/4	4	3 3/8	1042	4 7/16	3 13/16	3 1/8	2042
M, RB-4	5 1/8, 5 1/2	5 1/8	4 1/2	3 5/8	1044	5	4 3/8	3 1/2	2044

BROWN & SHARPE

# 00, 00-A						5/16	1/4	7/32	2062
# 11						1/2	7/16	11/32	2064
# 21A						23/32	5/8	1/2	2067
# 22						13/16	23/32	9/16	2030
# 22C, 22H						1 3/16	1	13/16	2031
# 22D						1 3/8	1 3/16	15/16	2032
# 23						1 3/4	1 17/32	1 1/4	2040
# 26						2	1 3/4	1 7/16	2028

CLEVELAND

PO	1 1/4, 1 3/8					1 3/16	1	13/16	2031
PO & DI	1 1/2					1 1/2	1 5/16	1 1/16	2033
DI	2 1/2	2 5/8	2 1/4	1 27/32	1038*				
DI	3	3	2 9/16	2 1/8	1034	2 13/16	2 7/16	1 31/32	2034
DI	3 1/2	3 1/2	3	2 7/16	1035	3 7/32	2 3/4	2 1/4	2035

CONE

4 Vertical & 6, SL, SK, SW, TC, TK	1	1	27/32	11/16	1036	15/16	13/16	21/32	2036
	1 1/4	1 1/4	1 1/16	7/8	1031	1 3/16	1 1/32	27/32	2060
	1 1/2	1 1/2	1 9/32	1 1/32	1032	1 3/8	1 3/16	15/16	2032
	1 5/8	1 5/8	1 13/32	1 5/32	1033	1 1/2	1 5/16	1 1/16	2033
	2	2	1 23/32	1 13/32	1053	1 7/8	1 5/8	1 5/16	2053
	2 1/4	2 1/4	1 15/16	1 19/32	1029	2 1/8	1 27/32	1 1/2	2029
	2 1/2, 2 5/8	2 5/8	2 1/4	1 27/32	1038	2 9/16	2 3/16	1 13/16	2038
	3	3	2 9/16	2 1/8	1034	2 13/16	2 7/16	1 31/32	2034
	3 1/8	3	2 9/16	2 1/8	1034	2 13/16	2 7/16	1 31/32	2034
	3 1/2	3 1/2	3	2 7/16	1035	3 7/32	2 3/4	2 1/4	2035
	4	4	3 1/2	2 7/8	1017	3 7/8	3 3/8	2 3/4	2017
	4 1/4	4 1/4	3 5/8	3	1019	4 1/8	3 9/16	2 7/8	2019
	4 38/51	4 3/4	4	3 3/8	1042	4 7/16	3 13/16	3 1/8	2042

Specials

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Cincinnati, Ohio 45227-3410
Internet: www.superiorcincinnati.com



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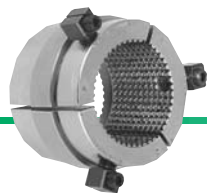
MARTIN TYPE* Collet Pads & Model "A" Feed Finger Pads

For Single & Multiple Spindle Automatics



MACHINE MODEL	MACHINE SIZE	MARTIN TYPE* MASTER COLLET PADS				MODEL "A" FEED FINGER/PUSHER PADS			
		COLLET PAD CAPACITY			SUPERIOR NUMBER	FEED FINGER PAD CAPACITY			SUPERIOR NUMBER
		ROUND	HEXAGON	SQUARE		ROUND	HEXAGON	SQUARE	
CONE (continued)									
	5	5	4 5/16	3 1/2	1011	4 23/32	4 1/16	3 5/16	2011
	5 1/4	5 1/8	4 1/2	3 5/8	1044	5	4 3/8	3 1/2	2044
4 & 6	6	6	5 1/8	4 1/4	1043				
FOOT-BURT									
C, R, R-4, R-6, RA, RA-4, RA-6, RAN-6, RAS-6	1 1/16	1	27/32	11/16	1036	15/16	13/16	21/32	2036
C, G, GA, GA-4, R, R-4, R-6, RA, RA-4, RA-6, RA-8, RAS-4, RB, RB-6, RB-8	1 5/8	1 5/8	1 13/32	1 5/32	1033	1 1/2	1 5/16	1 1/16	2033
GREENLEE									
Four & Six Spindle	2	2	1 23/32	1 13/32	1037	1 7/8	1 5/8	1 5/16	2037
Four Spindle	2 5/8	2 1/4	1 15/16	1 19/32	1055	2 9/16	2 3/16	1 13/16	2038
INDEX									
# C29 & B30						13/16	23/32	9/16	2030
# 36 & B42		1	27/32	11/16	1036	1 3/16	1 1/32	27/32	2060
# 52 & B60		1 3/4	1 17/32	1 1/4	1040	1 7/8	1 5/8	1 5/16	2053
NEW BRITAIN									
# 40, 51, 60, 226, 263, 408, 608	1	1	27/32	11/16	1036	15/16	13/16	21/32	2036
# 52, 601, SL	1 1/4	1 1/4	1 1/16	7/8	1031	1 3/16	1	13/16	2031
# 41, 42, 61, 62, 415, 656	1 5/8	1 5/8	1 13/32	1 5/32	1033	1 1/2	1 5/16	1 1/16	2033
# 41, 42, 61	2	2	1 23/32	1 13/32	1037	1 7/8	1 5/8	1 5/16	2037
# 41, 42, 61, 62, 415, 656	2 1/4	2 1/4	1 15/16	119/32	1028	2 1/8	1 27/32	1 1/2	2029
#26, 42, 126, 626, 826	2 5/8	2 5/8	2 1/4	1 27/32	1038	2 9/16	2 3/16	1 13/16	2038
# 126, 635	3 1/2	3 1/2	3	2 7/16	1035	3 7/32	2 3/4	2 1/4	2035
# 450	5 1/4					5	4 3/8	3 1/2	2044
PRATT & WHITNEY (POTTER & JOHNSON)									
	2 5/8	2 5/8	2 1/4	1 27/32	1038	2 9/16	2 3/16	1 13/16	2038
WARNER & SWASEY									
OAB Six Spindle M-3300	1 1/4	1 1/4	1 1/16	7/8	1031	1 1/4	1 1/16	7/8	2061
Five Spindle M-2500	1 3/4	1 3/4	1 17/32	1 1/4	1040	1 3/4	1 17/32	1 1/4	2040
1AB Five Spindle M-2530	2 1/4	2 1/4	2 15/16	1 19/32	1052	2 1/8	1 27/32	1 1/2	2052•
OAB Single Spindle M-4415	1 1/4	1 1/4	1 1/16	7/8	1031	1 1/4	1 1/16	7/8	2061
1AB Single Spindle M-3880	2	2 1/4	1 15/16	1 19/32	1052•	2 1/8	1 27/32	1 1/2	2052
2AB Single Spindle M-3925, M-3380	3	3	2 9/16	2 1/8	1034	2 13/16	2 7/16	1 31/32	2034
2AB Single Spindle M-3925, M-3380 (471)	2 1/2	2 1/2	2 3/16	1 3/4	1026	2 13/16	2 7/16	1 31/32	2034
3 AB M-3995	4 1/2	5	4 5/16	3 1/2	1011•	4 7/16	3 13/16	3 1/8	2042
SC15 M-4820-1	3 1/2	2 5/8	2 1/4	1 27/32	1038	2 9/16	2 3/16	1 13/16	2038
SC15 M-4820-2	4	4	3 1/2	2 7/8	1017	4 7/16	3 13/16	3 1/8	2042•
SC15 M-4890	3					3 7/32	2 3/4	2 1/4	2035•
1SC 5014-1006, 5034-1001	2 & 2 1/4	2 1/4	1 15/16	1 19/32	1052	2 1/8	1 27/32	1 1/2	2052
2SC, 2SC12, 5054-1003	3	3	2 9/16	2 1/8	1034	3 7/32	2 3/4	2 1/4	2035•
2SC15, 2SCL 5094-1004	4 1/2	4 3/4	4	3 3/8	1042•	4 7/16	3 13/16	3 1/8	2042•





MARTIN TYPE* Collet Pads & Model "A" Feed Finger Pads

For Single & Multiple Spindle Automatics



MACHINE MODEL	MACHINE SIZE	MARTIN TYPE* MASTER COLLET PADS				MODEL "A" FEED FINGER/PUSHER PADS			
		COLLET PAD CAPACITY			SUPERIOR NUMBER	FEED FINGER PAD CAPACITY			SUPERIOR NUMBER
		ROUND	HEXAGON	SQUARE		ROUND	HEXAGON	SQUARE	
WICKMAN									
Six Spindle	1	1	27/32	11/16	1036	15/16	13/16	27/32	2036
Five, Six & Eight Spindle	1 3/4	1 3/4	1 17/32	1 1/4	1040	1 1/2	1 5/16	1 1/16	2033
Four & Six Spindle	2	2	1 23/32	1 13/32	1037	1 7/8	1 5/8	1 5/16	2053
Five Spindle	2 1/4	2 1/4	1 15/16	1 19/32	1052	2 1/8	1 27/32	1 1/2	2052
Six Spindle	2 1/4	2 1/4	1 15/16	1 19/32	1029	2 1/8	1 27/32	1 1/2	2029
Altered	2 5/8	2 5/8	2 1/4	1 27/32	1038	2 9/16	2 3/16	1 3/16	2038
	3 1/2	3 1/2	3	2 7/16	1035	3 7/32	2 3/4	2 1/4	2035
	4 1/8	4	3 1/2	2 7/8	1017	3 7/8	3 3/8	2 3/4	2017

NOTES: Machine size and capacities are shown in inches

All Feed Finger Pads are supplied as hardened steel pads.

• Pad capacity limited by machine spindle bore

* All Martin Type Collet Pads are interchangeable with all Martin Type and Model "M" Masters.

MARTIN PAD NUMBER	LUG SIZE	WRENCH SIZE	SUPERIOR NUMBER
1010, 1031, 1032, 1033, 1036, 1037, 1039, 1040, 1052	3/8	5/32 Hex	9009-002
1011, 1017, 1019, 1028, 1029, 1034, 1035, 1038, 1042, 1055	1/2	5/32 Hex	9009-001
1043, 1074, 1087	3/4	1/4 Hex	9009-003



NOTES: Lugs can only be used with Superior Cincinnati pads.

WHEN ORDERING COLLET PADS SPECIFY:

Make of machine, machine size, machine model, number of sets required and Superior Cincinnati part number. One set of pads required for each spindle. A six spindle machine requires six sets of pads to equip a full machine; a single spindle machine requires one set. Special Collet Pads or items not shown on the above list are available on application and require a sketch or sample part for positive identification. Special discount based on quantity and cost justification available on application.

Specials

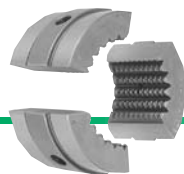
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JAW CHUCK PADS

STYLE	DIAMETER	REFERENCE	DESCRIPTION	SUPERIOR NUMBER
-------	----------	-----------	-------------	-----------------

AUTOBLOK

HY-MCD	6 1/2	1027	Soft, Blank	1027
MCD	8	1025	Round, Smooth	1025
RCD	10	1026	Round, Serrated	1026
RCA	12	1022	Hex	1022
RCM	15	1018	Square	1018
RCC			Hex, Serrated	1018
			Square, Serrated	1018

CUSHMAN

10-590-12-A08	12	04-225878	Round, Smooth	1026
		98-226441	Round, Serrated	1026
		98-226860-XX	Wide Range	1048
10-590-15-A08	15	04-225878	Round, Smooth	1026
		98-226441	Round, Serrated	1026
		98-226860-XX	Wide Range	1048
10-590-15-A11 10-590-18-A11	15 18	98-226716	Round, Smooth	1018
		98-226760	Round, Serrated	1018
		98-226791-XX	Wide Range	1047
91-430-10-A6	10	98-214630	Soft, Blank	1026
		98-225878	Round, Smooth	1026
		98-226441	Round, Serrated	1026
		98-226418-XX	Wide Range	1057
91-430-12-A8	12	98-227718	Soft, Blank	1078
		98-226792	Round, Smooth	1078
		98-226793	Round, Serrated	1078
		98-233613-XX	Wide Range	1058

PRATT BURNERD

1749	8 1/4	02400	Soft, Blank Round, Smooth Round, Serrated Hex Square Hex, Serrated Square, Serrated	1025
	10	02410		1026
	12	02420		1022
	16	03520 (Discontinued)		1049 or 1018 w/Top Jaws
	20	03560 (Discontinued)		1014 w/Top Jaws
9101 9111 9131 9141 9151	6 1/2	X17XX		1027
	8 1/4	X21XX		1025
	10	X26XX		1026
	12	X31XX		1022
	15	X38XX		1049
	18	X46XX		1049 or 1018 w/Top Jaws
	20	X50XX		1014
	24	660XX		1014
	24	760XX		1014
9161	8 1/4	X21XX		1026
9171	10.43	X26XX		1022

ITW WORKHOLDING (SP)

8CC FACC080, CC080	8	8CC-325	Soft, Blank	1041
		8CC-355-X	Wide Range	
10CC FACC100, CC100	10	10CC-325	Soft, Blank	1026
		10CC-355-X	Wide Range	1045
12CC FACC120, CC120	12	12CC-325	Soft, Blank	1022
		12CC-355-X	Wide Range	1046

Specifications and dimensional data are subject to change with design improvements.
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JAW CHUCK PADS (continued)

STYLE	DIAMETER	REFERENCE	DESCRIPTION	SUPERIOR NUMBER
ITW WORKHOLDING (SP) (continued)				
15CC FACC150, CC150	15	15CC-325	Soft, Blank	1049
		15CC-355-X	Wide Range	1050
18CC FACC180, CC180	18	18CC-325	Soft, Blank	1049
		18CC-355-X	Wide Range	1050

NOTES: Capacities are shown in inches.

X – Denotes any number or letter (or series of numbers or letters) within a particular product line.



COLLET CHUCK PADS

ITEM/SERIES	CHUCK CAPACITY	CHUCK MODEL NUMBER	DESCRIPTION	SUPERIOR NUMBER
SUPERIOR CINCINNATI				
CDS CNS CRS	1 5/8	CDS-16, CNS-16, CRS-16	Soft, Blank Round, Smooth Round, Serrated Hexagonal Hexagonal, Serrated Square Square, Serrated	1216
	2 1/4	CDS-22, CNS-22, CRS-22		1222
	2 5/8	CDS-26, CNS-26, CRS-26		1226
	3	CDS-30, CNS-30, CRS-30		1230
	4	CDS-40, CNS-40, CRS-40		1240
CNT CRT	1 1/2	CNT-15, CRT-15		1027
	2	CNT-20, CRT-20		1025
	2 1/2	CNT-25, CRT-25		1026
	3	CNT-30, CRT-30		1022
	4	CNT-45, CRT-45		1049
	6	CNT-60, CRT-60		1014
CDD	1 1/2	CDD-15		1071
	2	CDD-20		1025

ATS

732A01SJ55-XXX	2	XX-S20TLS PS	Soft, Blank Round, Smooth Round, Serrated Hexagonal Hexagonal, Serrated Square Square, Serrated	1220
732APPX01-XX	2	XX-S20TL PP		1220
726A01SC318-XXX	2 5/8	XX-S26TLS PS		1226
782ASC321-XX	3	XX-S30TLS		1230
782APP	3	XX-S30TL PP		1230
785F111-XX	3 1/2	XX-S35TLS		1235
740AC322-XX	4	XX-S40TLS		1240
415XX-XXX	1 1/2	XXXXX-S15H		1215
415XXX-XXX	1 1/2	XX-S15W		1027
420XX-XXX	2	XXXXX-S20HX		1220
420XX-XXX	2	XX-S20W		1025
422XX-XXX	2 1/4	XX-S22H		1222
426XX-XXX	2 5/8	XX-S26HX		1226
426XX-XXX	2 5/8	XX-S26W		1026
430XX-XXX	3	XX-S30HX		1230
435XX-XXX	3 1/2	XXX-S35HX		1235
440XX-XXXX	4	XXX-S40HX		1240
450XX-XXX	5	XX-S50H		1250

Specials

We make special collet chucks and pads to fit your applications.
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COLLET CHUCK PADS

ITEM/SERIES	CHUCK CAPACITY	CHUCK MODEL NUMBER	DESCRIPTION	SUPERIOR NUMBER
MICROCENTRIC				
CB-NB/S	1 5/8	CB46-NB/S16	Soft, Blank Round, Smooth Round, Serrated Hexagonal Hexagonal, Serrated Square Square, Serrated	1216
	2	CB65-NB/S20		1220
	2 1/4	CB65-NB/S22		1222
	2 5/8	CB80-NB/S26		1226
	3	CB80-NB/S30		1230
CB-ND/S	2	CB65-ND/S20		1220
	2 1/4	CB65-ND/S22		1222
	2 5/8	CB80-ND/S26		1226
	3	CB80-ND/S30		1230
CB-NDR/S	2	CB65-NDR/S20		1220
	2 1/4	CB65-NDR/S22		1222
	2 5/8	CB80-NDR/S26		1226
	3	CB80-NDR/S30		1230
CB-NS/S	1 5/8	CB46-NS/S16		1216
	2	CB65-NS/S20		1220
	2 1/4	CB65-NS/S22		1222
PRATT BURNERD				
	2	PB20-XX	Soft, Blank Round, Smooth Round, Serrated Hexagonal Hexagonal, Serrated Square Square, Serrated	1220
PRODUCTION DYNAMICS (DIVISION OF LEXAIR, INC.)				
FBXX-XXX	2	FB6-20	Soft, Blank Round, Smooth Round, Serrated Hexagonal Hexagonal, Serrated Square Square, Serrated	1220
	2	FB8-20		1220
	2 5/8	FB8-27		1226
	2 5/8	FB10-30		1226
	3	FB10-32A		1230
	3	FB10-32B		1230
	3	FB11-31		1230
	3 1/2	FB11-40		1235
	5	FB14-55		1250
ROYAL PRODUCTS				
Accu-Length™ 42974, 42976	2	ALS-20	Soft, Blank Round, Smooth Round, Serrated Hexagonal Hexagonal, Serrated Square Square, Serrated	1220
Smart Chuck Series 42809, 42812 42813, 42815, 42818	1 5/8	CDC-54QC		1216
	2	CDC-66QC		1220
	2 5/8	CDC-80QC		1226
S-Type Pull Back 45110, 45112 45114, 45116	2	S-20		1220
	2 5/8	S-26		1226
	3	S-30		1230

NOTES: Capacities are shown in inches.

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Accu-Length™ is a registered trademark of Royal Products.



SUPERIOR CINCINNATI

3894 Virginia Avenue Cincinnati, Ohio 45227-3410

Call Customer Service to Order

USA: (800) 875-8175

Phone: (513) 272-1122

Fax: (513) 272-0503

e-mail: sales@superiorcincinnati.com

Monday through Friday, 8:00 A.M. – 5:00 P.M. EST

Placing an Order or Requesting Information

Orders and requests for information are accepted through our distributor network; by telephone, facsimile, U.S. mail or e-mail.

Customer Service & Quotations

To place an order, check pricing or inquire about availability, please contact your local Superior Cincinnati distributor. Please be prepared to give the following information:

Company Name or Customer Number

Name and Telephone Number

Address

P.O. or Credit Card Number

(MasterCard, Visa, American Express or Discover/Novus)

A complete description of item(s) being ordered:

Quantity

Delivery Date Required

Part Number(s)

Shipping Preference

New Customers

Open account credit is extended to companies with satisfactory credit references. If credit references are not quickly available, advanced payment, or credit card payment will speed up your first order.



Terms

Open account credit terms are 30 days.

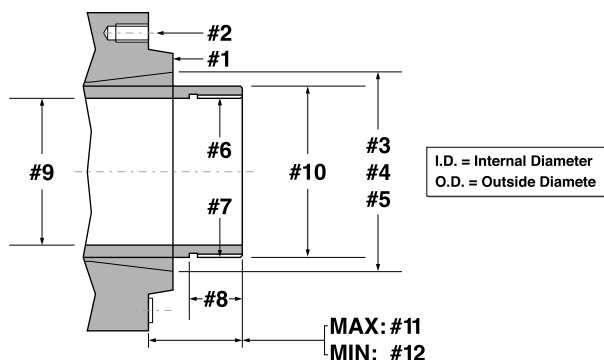
Shipping

We offer same day shipping on all in stock items ordered by 3:30 P.M. EST.

Collet Chuck Information Needed

Standard Equipment

All collet chucks come factory lubricated and ready for installation. Maintenance instructions, spindle adapter, drawtube adapter, and mounting bolts are included.



Machine Information:

Manufacturer _____
Model _____
Serial Number _____

Spindle Information:

1. Spindle Nose _____
2. Spindle Thread Size _____
3. Diameter _____
4. Length/Depth _____
5. I.D. Taper/Counterbore _____

Drawtube/Drawbar Information:

6. I.D. Thread _____
7. O.D. Thread _____
Thread LH or RH _____
8. Length of Thread _____
9. Drawtube I.D. _____
10. Drawtube/Drawbar O.D. _____
11. Maximum (Forward) _____
12. Minimum (Retracted) _____

Collet Pad Ordering Instructions

Pads for master collets and feed finger pads are available from stock in round, hexagon and square shapes. Unique shapes, eccentric, rectangles, octagons or off-center holes, can be custom made with the help of our customer service department. Collet and Feeder Pads are available in a variety of materials including high quality alloy steel, cast iron, bronze and nylon to meet your workholding needs.

Superior Cincinnati Series No.

I.D. Type

I.D. Siz

1025	-	XX0	Round, Smooth	-	1500 = (1 1/2")
		XX1	Round, Serrated		Four digit decimal
		XX2	Hexagon, Smooth		equivalent of the
		XX3	Square, Smooth		size in inches
		XX4	Hexagon, Serrated		multiplied by 1000
		XX5	Square, Serrated		
		XX6	Emergency		
		XX7	Eccentric		
		XX8	Octagon		
		XX9	Rectangular		
		XX10	Octagon, Serrated		

XX = Material	20 Steel	22 Bronze
	21 Cast Iron	23 Nylon

Examples

1026	-	200	-	1500	1 1/2" Round, Smooth - Steel
1026	-	201	-	1500	1 1/2" Round, Serrated - Steel
1026	-	211	-	1500	1 1/2" Round, Serrated - Cast Iron
1026	-	222	-	1500	1 1/2" Hexagon, Smooth - Bronze
1026	-	233	-	1500	1 1/2" Square, Smooth - Nylon
1026	-	204	-	1500	1 1/2" Hexagon, Serrated - Steel
1026	-	205	-	1500	1 1/2" Square, Serrated - Steel
1026	-	206	-	0000	Emergency Collet Pad - Steel

SUPERIOR CINNATI

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Customer Service: USA: (800) 875-8175 Phone: (513) 272-1122 Fax: (513) 272-0503

SALES ORDER FORM ☐

QUOTE FORM ☐

SALES ORDER/QUOTE NO:

(Office Use Only)

DATE: / /		TAKEN BY:		PURCHASE ORDER NO:			
BILL TO: (Office Use Only)				SHIP TO: (Office Use Only)			
Company: _____ Name/Contact: _____ Address 1: _____ Address 2: _____ City: _____ State/Territory: _____ Zip/Postal: _____ Country: _____ Phone Number: () _____ Fax Number: () _____				Company: _____ Name/Contact: _____ Address 1: _____ Address 2: _____ City: _____ State/Territory: _____ Zip/Postal: _____ Country: _____ Reference P.O. No:			
SHIPPING: Ground ☐ Air ☐ Truck ☐ Service Description: _____							
LN	QTY	STK Y/N	COLLET PAD/COLLET CHUCK NO.	FRACTION	PROMISE SHIP DATE	UNIT PRICE	EXTENDED AMOUNT
1					/ /		
2					/ /		
3					/ /		
4					/ /		
5					/ /		
6					/ /		
7					/ /		
8					/ /		
9					/ /		
10					/ /		
11					/ /		
12					/ /		
13					/ /		
14					/ /		
We Welcome Credit Cards Please charge this order on my credit card: MasterCard ☐ Visa ☐ American Express ☐ Discover/Novus ☐ Account Number – (Master Card, Visa, Discover/Novus...American Express has one (1) less digit) Expiration Date CVC2/CVV2/CID – (MasterCard, Visa, Discover/Novus) CID – (American Express) We must have expiration date to process any order Last three digits on the back of the card Four digits on the right front of the card above the account number							ORDER SUB-TOTAL SHIPPING TAX ORDER TOTAL

SUPERIOR CINCINNATI

