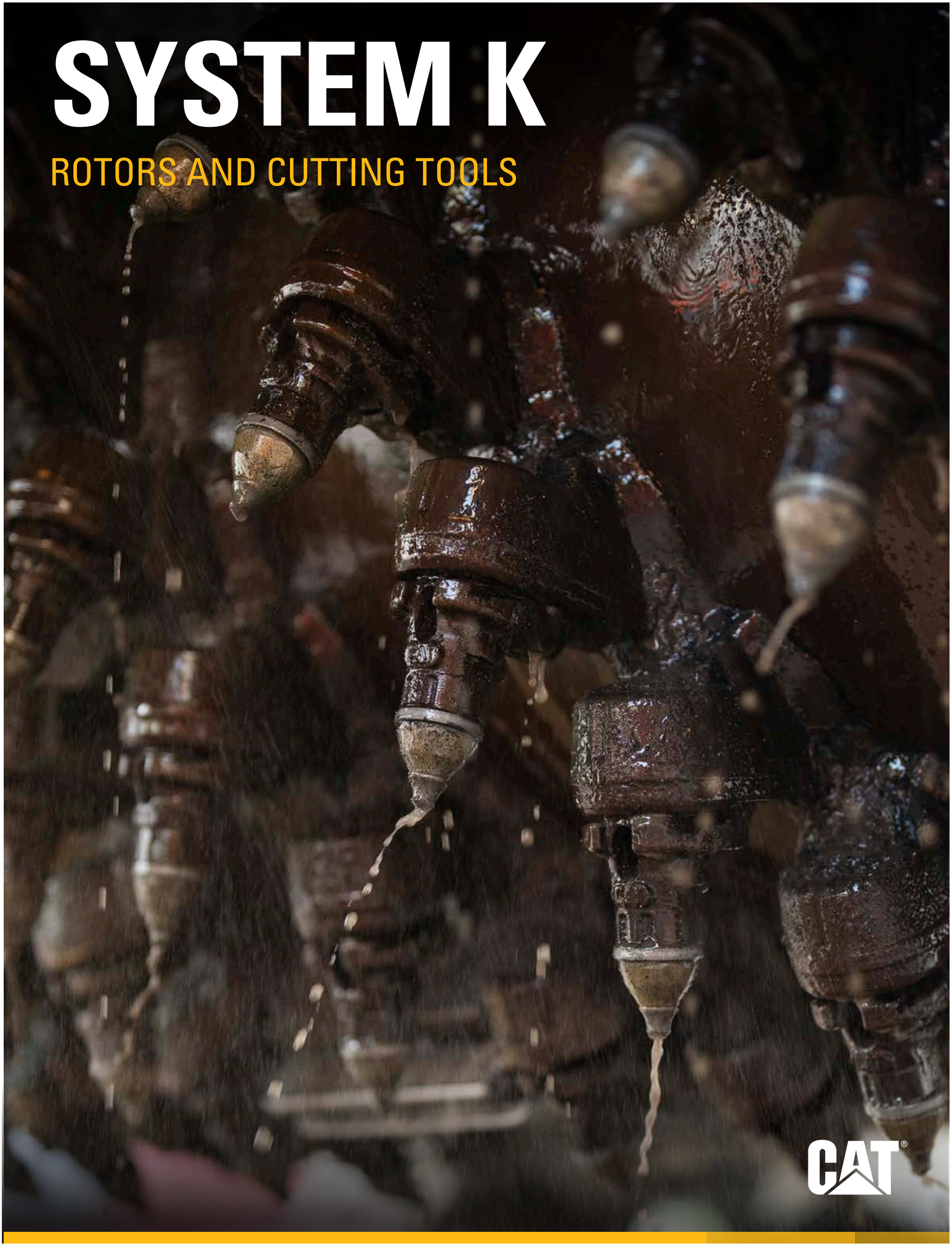
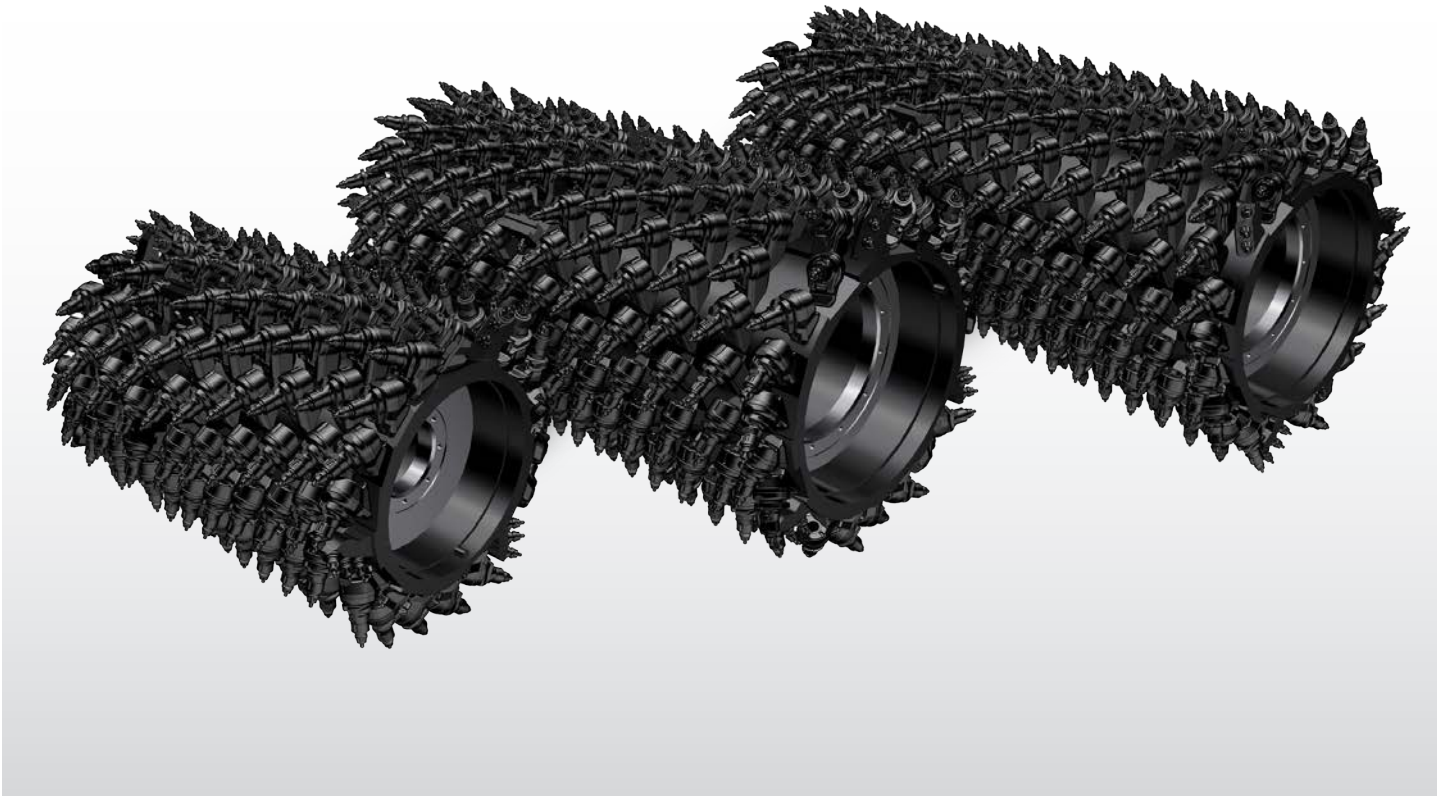
SYSTEM K

ROTORS AND CUTTING TOOLS



CAT® SYSTEM K ROTORS
FOR MILLING

Engineered specifically for Cat® cold planers, Cat System K rotors feature efficient material flow with a uniform cutting pattern and are designed to simplify maintenance.



MAXIMIZE PRODUCTIVITY

Designed for longer life and simplified maintenance, System K rotors are ready to work when you are.

+ EASY TOOTH REMOVAL HELPS REDUCE MAINTENANCE TIME
+ MULTIPLE BIT SPACINGS FOR VARIOUS APPLICATIONS
+ CARBIDE AND DIAMOND BIT OPTIONS



FAST MAINTENANCE

The toolholder is designed for easy bit removal to reduce downtime.

+ Multiple methods for bit removal
  - Radial access hole
  - Chisel points
  - Rear access through the block
+ A taper and friction ring design secures the toolholders to the rotor without a retaining pin, bolt or setscrew, speeding up replacement time and eliminating the need for fasteners or torquing

HIGH PERFORMANCE FEATURES

Engineered for maximum production.

+ Blocks are specifically designed for each side of the rotor and arranged for optimal cutting effort and efficient material flow
+ An anti-rotating toolholder helps prevent wear on the blocks and holders
+ Water can penetrate through the toolholder radial access hole to aid tooth rotation and uniform bit wear
+ Toolholders are available to accommodate bits with larger shank sizes for various applications

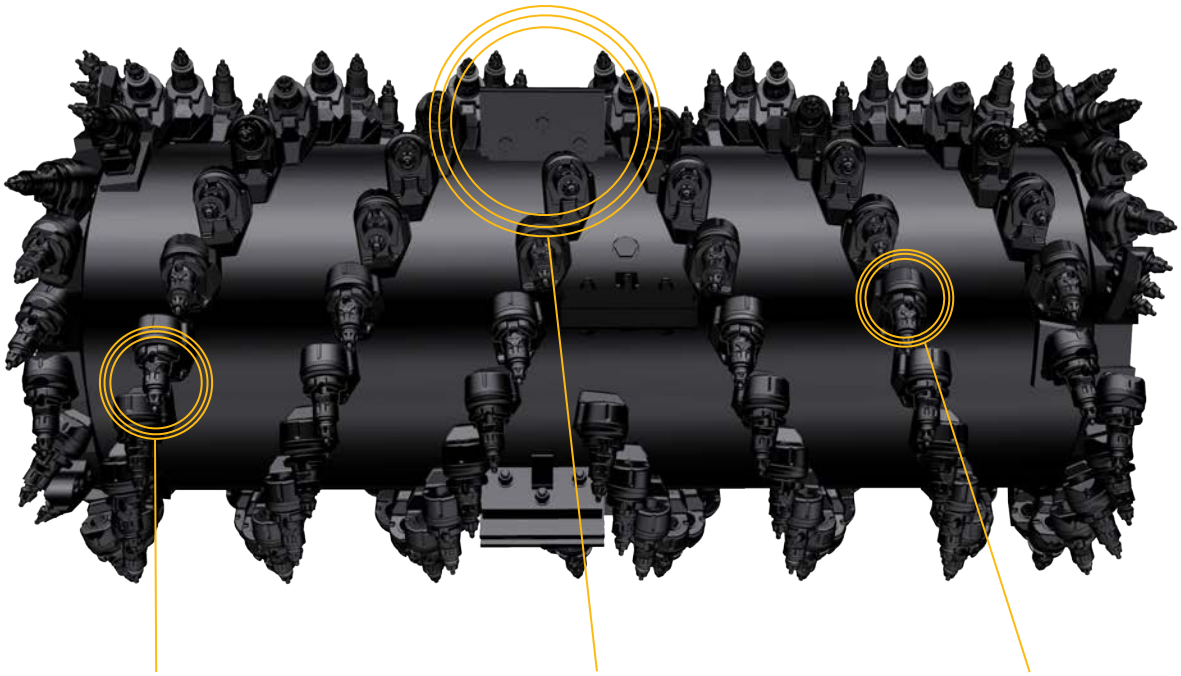
DURABLE DESIGN

Built to withstand demanding applications and extend rotor life.

+ Large heat-treated surface areas on the toolholder help protect the base block from undesired wear
+ Components are manufactured with abrasion-resistant, high-strength alloys so they can withstand the demands of high-power applications
+ Toolholders and base blocks are designed to minimize stresses and provide lasting durability

ROTORS DESIGNED WITH YOU IN MIND

Cat System K rotors for milling were inspired from Caterpillar's expertise in Ground Engaging Tools and feedback from contractors like you. Designed to make changing cutter bits easier, the toolholder eliminates the need for retaining bolts, pins and setscrews, so you can get back in the cut faster.



EASY TOOTH REMOVAL

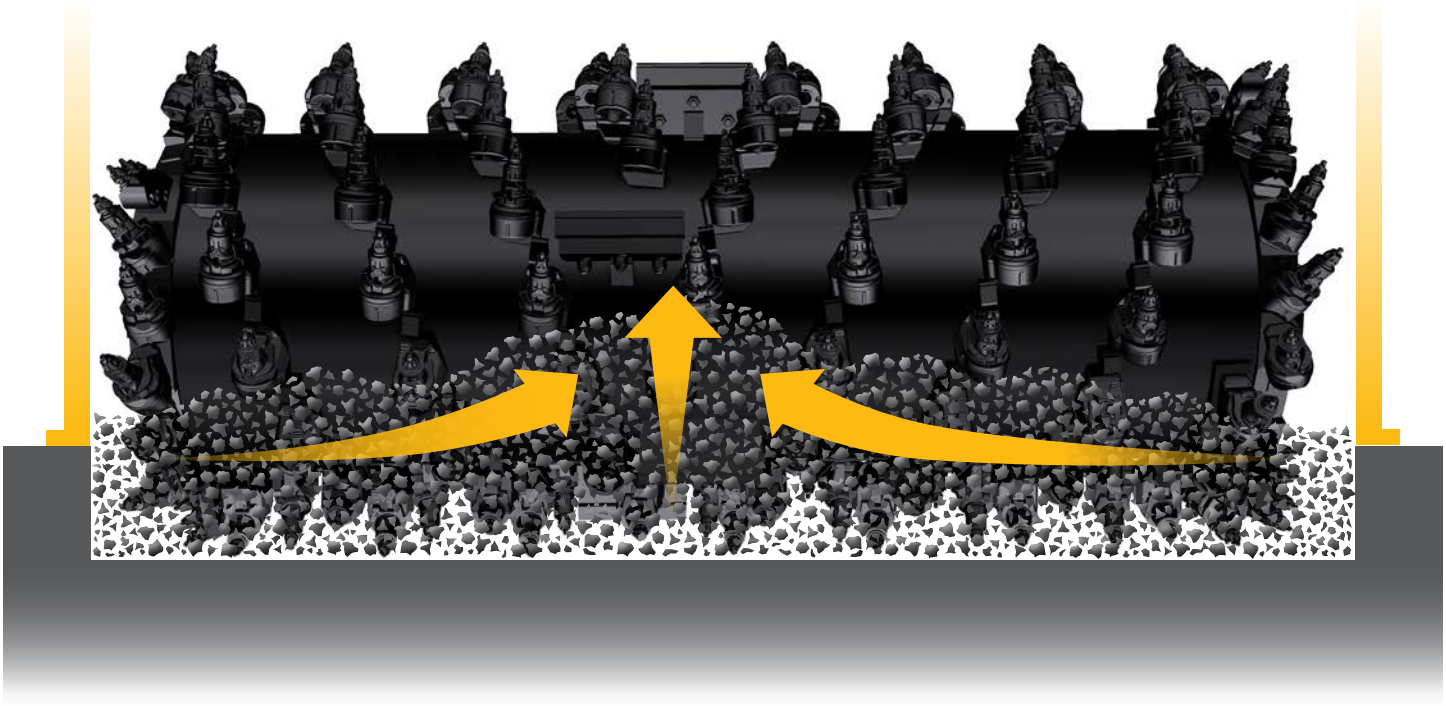


KICKER PADDLES



FASTENER-FREE TOOLHOLDER





ENGINEERED FOR EFFICIENCY
AND DURABILITY

EFFICIENT MATERIAL FLOW

A conveying spiral design provides a smooth flow of material from the outside of the cutting chamber towards the center for extraction. Kicker paddles are optimized to eject material onto the conveyor. Quickly removing material from the cutting chamber helps reduce component wear and drag on the machine which can improve overall performance and fuel efficiency.

DESIGNED FOR THE HARD WORK

System K rotors are engineered to withstand tough applications. Toolholders, base blocks and kicker paddles are built from high strength alloy steel and designed for long life.

OFFERINGS AND APPLICATIONS

A ROTOR FOR EVERY JOB

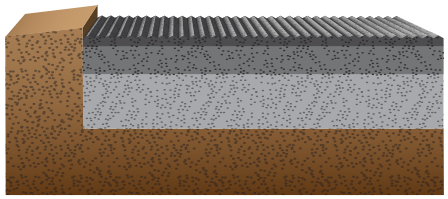
Whether texturing a road or milling an airport runway, we have a rotor to match your job requirements and help you meet your production goals.

MICRO MILLING

Spacing: 6 mm and 6x2 mm*

Application: Very fine milling finish to meet specific job specifications

Recommended Milling Depth:
0-51 mm (0-2 in)





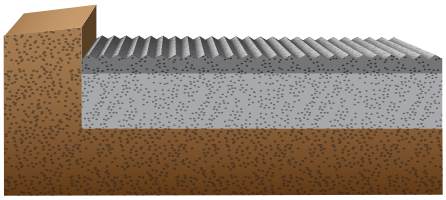
** 6x2 mm rotor is a System H design*

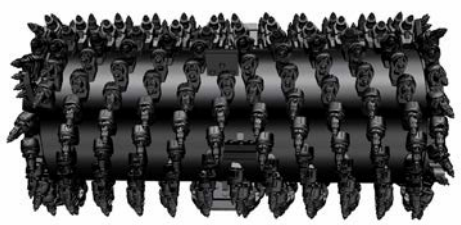
FINE MILLING

Spacing: 8 mm and 10 mm

Application: Fine milling finish for smooth surface removal

Recommended Milling Depth:
0-101 mm (0-4 in)



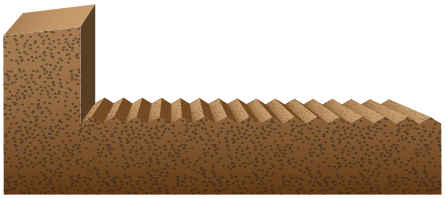


STANDARD MILLING

Spacing: 15 mm

Application: Surface removal or complete removal of road surfaces

Recommended Milling Depth:
0-330 mm (0-13 in)



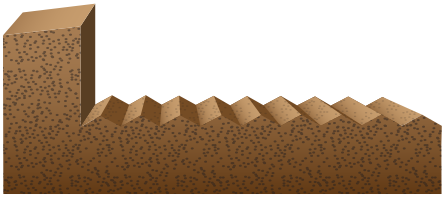


COARSE MILLING

Spacing: 18 mm and 25 mm

Application: Surface removal or complete removal of road surface with a rougher finish

Recommended Milling Depth:
0-330 mm (0-13 in)





FIND THE ONE THAT'S RIGHT FOR YOU

MILLING ROTORS

MILLING TYPE	MACHINE MODEL	TOOL SPACING (MM)	NUMBER OF BITS	MILLING WIDTH (MM)	CAT® PART NUMBER
Micro	PM620 / PM820	6	350	2010	575-7463
	PM622 / PM822	6	386	2235	575-7467
	PM825	6	431	2505	575-7471
	PM620 / PM820	6x2*	672	2010	501-2144*
	PM622 / PM822	6x2*	748	2235	511-5050*
Fine	PM310	8	150	1000	567-0886
	PM312	8	172	1225	567-0892
	PM313	8	181	1300	567-0898
	PM620 / PM820	8	276	2010	567-0932
	PM622 / PM822	8	304	2235	567-0904
	PM825	8	338	2505	567-0907
	PM622 / PM822	10	247	2235	625-2144
	PM825	10	274	2505	636-3270
Standard	PM102	15	91	1000	597-3340
	PM200	15	170	2010	529-7637
	PM200	15	185	2235	594-0222
	PM201	15	180	2100	588-8864
	PM310	15	91	1000	522-0118
	PM312	15	106	1225	522-0127
	PM313	15	111	1300	522-0133
	PM620 / PM820	15	170	2010	497-9842
	PM622 / PM822	15	185	2235	517-1709
	PM825	15	203	2505	517-0842
Coarse	PM310	18	80	1000	567-0889
	PM312	18	92	1225	567-0895
	PM313	18	98	1300	567-0901
	PM620 / PM820	18	150	2010	559-1545
	PM622 / PM822	18	162	2235	558-6381
	PM825	18	177	2505	567-2017
	PM620 / PM820	25	122	2010	582-7727
	PM622 / PM822	25	131	2235	582-8826
	PM825	25	143	2505	582-8830

** 6x2 mm rotor is a System H design*

FASTENER-FREE, QUICK-RELEASE TOOLHOLDER

The toolholder features multiple bit removal methods and a unique friction ring design to secure it to the rotor, yielding faster replacement and reduced downtime for rotor maintenance.

LONGER WEAR COLLAR

20 mm wear collar is 66% longer than System G toolholders

LARGE SURFACE AREA

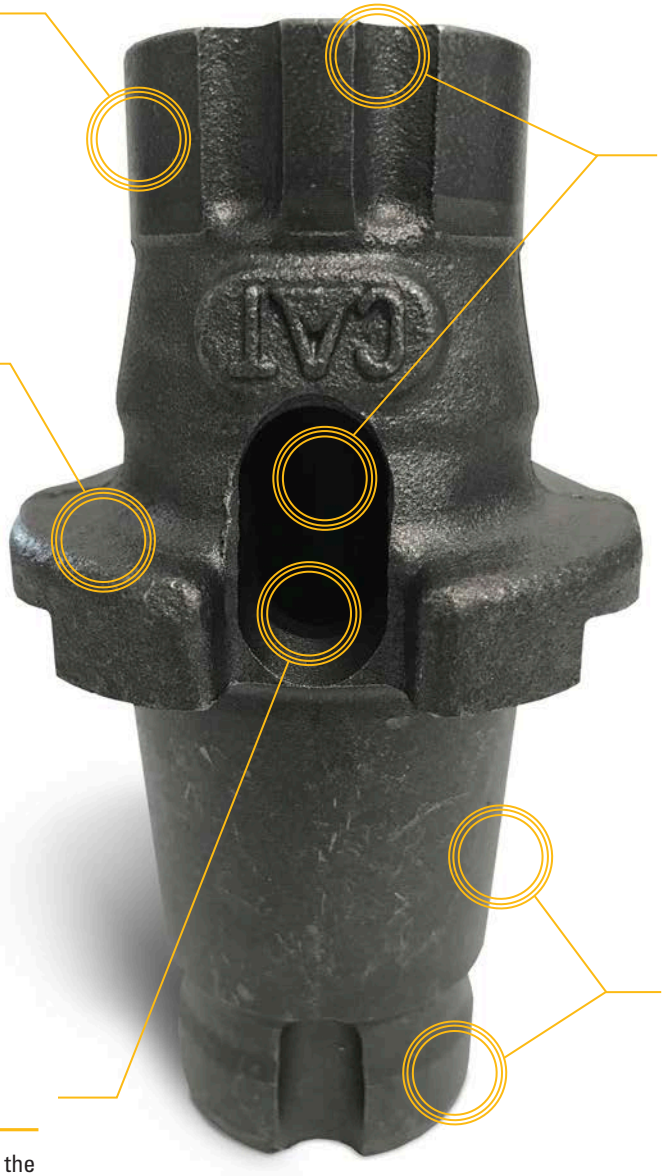
Large hardened surfaces on the toolholder help protect the base block from undesired wear

ANTI-ROTATING TOOLHOLDER DESIGN

Maintains proper position to prevent wear on the blocks and holders

EVEN BIT WEAR

Water can penetrate through the radial access hole to aid tooth rotation for uniform bit wear



MULTIPLE METHODS FOR EASY BIT REMOVAL

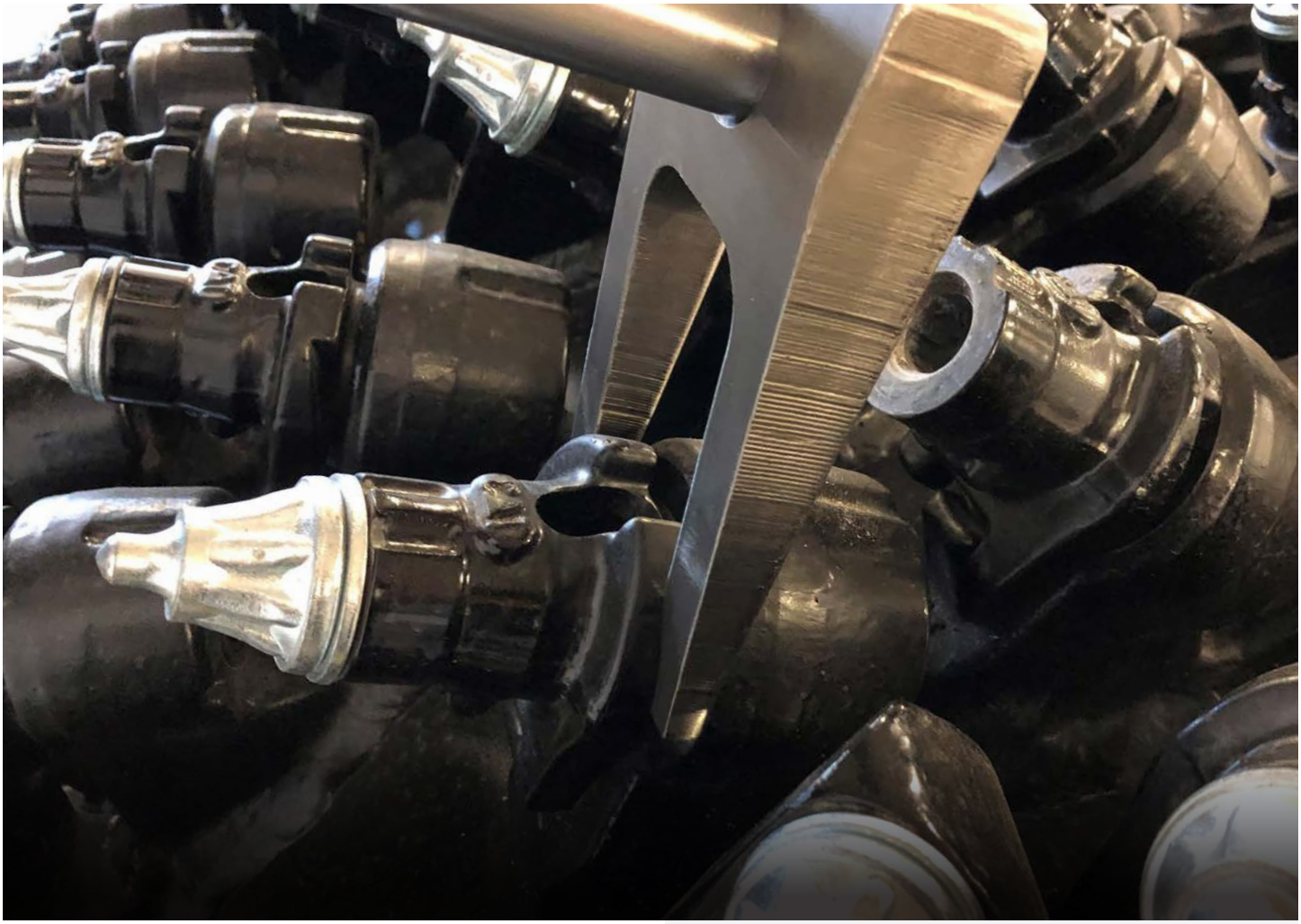
+ Radial access hole
+ Chisel points
+ Rear access through the block

ACCOMMODATES LARGER SHANK SIZES

Toolholders are available to accommodate bits with 20 mm, 22 mm and 25 mm shank size bits for various applications

TAPER AND FRICTION RING DESIGN

Secures the toolholders to the rotor without retaining pins, bolts or setscrews to speed up replacement and eliminate the need for fasteners or torquing



Maintaining bits and toolholders is key to achieving maximum productivity, and System K rotors are designed to simplify maintenance and get you back to work faster.

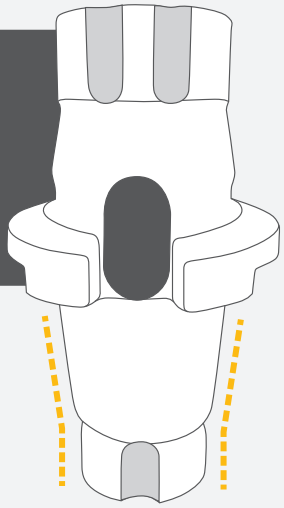
+ Dual-retention toolholders eliminate the need for fasteners
+ Bit removal can be done through multiple methods
+ A variety of removal tools specifically for System K rotors help you replace bits and toolholders quickly

Your Cat dealer offers convenient parts availability and service options, with an industry-leading supply chain and worldwide distribution to keep your rotor cutting smoothly and efficiently.

ZERO FASTENERS

TAPERED, DUAL-RETENTION DESIGN

ELIMINATES
RETAINING PINS, BOLTS AND SETSCREWS





CARBIDE MILLING TEETH

PERFORMANCE TO MAXIMIZE PRODUCTION

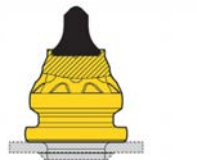
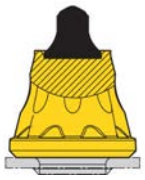
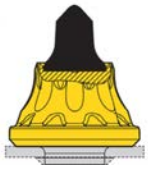
PREMIUM CUTTING BITS

+ Designed to flow material away from the body and prevent material build up
+ Fluted body supports bit rotation to help extend tool life
+ A long collar on the body protects the washer and toolholder
+ Some bits offer puller grooves for fast bit removal
+ Valve seat and plug style bits for high impact applications
+ Variety of tips available to match your application



OFFERINGS AND APPLICATIONS

CARBIDE MILLING TEETH

	APPLICATION	MATERIAL	SHANK SIZE	PULLER GROOVE	PART NUMBER
	Light Duty Milling (Skid Steer)	Soft - Medium Asphalt	20 mm	Yes	Piece: 561-8134
	Light / Medium Duty Milling	Soft - Medium Asphalt	20 mm	Yes	Piece: 560-2306 Pallet: 626-4493*
	Light / Medium Duty Milling	Soft - Medium Asphalt	20 mm	No	Piece: 674-7262 Pallet: 626-4495*
	Full-depth Cutting and Stabilizing	Soft - Medium Asphalt	22 mm	No	Piece: 533-5760
	Medium / Heavy Duty Milling	Medium - Hard Asphalt	20 mm	No	Piece: 564-1260 Pallet: 626-4494*
	Medium / Heavy Duty Milling	Hard Asphalt	20 mm	No	Piece: 561-8135 Pallet: 626-4496*
	Concrete Milling	Concrete	20 mm	Yes	Piece: 561-8132

** Not available in all regions. Please contact your Cat dealer for availability.*

CAT DIAMOND BITS

DESIGNED FOR LONGER LIFE, MORE UPTIME AND LOWER OPERATING COSTS

For bituminous applications without obstacles such as interstates or motorways, consider Cat Diamond bits. They are designed to stay sharp and last significantly longer than a carbide bit. Diamond bits contribute to improving the return on your milling machine investment by helping you to complete jobs faster and lowering owning and operating costs, month after month.

WHY CHOOSE DIAMOND BITS

Diamond bits can provide a variety of benefits to milling contractors.

+ Fewer bit changes reduces service time, allowing crews to focus on production
+ Efficient cutting and improved fuel efficiency
+ Consistent cutting patterns
+ Aids in reducing machine vibration helping to improve the life of machine components

CAT DIAMOND BITS FOR SYSTEM K ROTORS

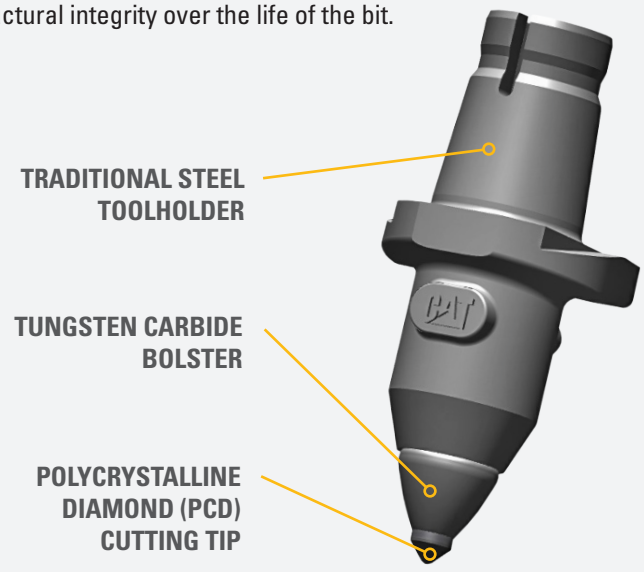
Available through your Cat dealer for convenient ordering on PARTS.CAT.COM.

PART NUMBER: 616-1061



ENGINEERED TO **STAY SHARP LONGER** THAN CARBIDE BITS

A single piece design with a non-rotating diamond tip provides directional wear and structural integrity over the life of the bit.



Results based on customer survey data of cold planer users in North America using diamond bits. Comparison between Cat 540 diamond bits and carbide bits. Average life and exact tonnage is impacted by local aggregate and operating technique.

SYSTEM K ROTOR

SERVICE TOOLS

TOOL	DESCRIPTION	TOOL PART NUMBER
Storage Case	For pneumatic hammer and punches	647-3932
Pneumatic Hammer	Compatible with interchangeable tools for rotor maintenance	625-8775
Pneumatic Punch (57 degrees)	To remove bits through slot in toolholder	609-2601
Pneumatic Punch (15 degrees)	To remove bits through slot in toolholder	545-9105
Pneumatic Punch (straight)	To remove bits through back of base block	226-0124
Pneumatic Flat Chisel	To remove bits under washer	223-4355
Pneumatic Fork Tool	To remove bits under washer	592-9019
Pneumatic Cup Tool	For bit installation	625-9698
Hand Tool	To remove bits through slot in toolholder	543-5470
	To remove bits	609-1092
	To remove toolholder and static diamond bits	592-3967
	To install static diamond bits	504-5049
Extractor	For damaged toolholders	577-4176
Toolholder and Static Diamond Installation Press Kit	Pneumatic installation tool for System K toolholders and System K Diamond cutting tools **Includes:** Toolholder and diamond adapters, pneumatic assembly, support bracket, all required fittings and hose	591-1346
Service Tool Kit	Rotor service tool kit for cold planer cutting bit installation and removal. Air gun and attachments included for fast bit maintenance.	675-7792

HAND TOOL



PNEUMATIC TOOLS



SYSTEM K ROTOR

SERVICE PARTS

KICKER PADDLES

MACHINE MODEL	TOOL SPACING	APPLICATION	PART NUMBER
PM310, PM312, PM313	8 mm	Fine	567-0937
	15 mm	Standard	602-5729
	18 mm	Coarse	637-9347
PM620, PM622, PM820, PM822, PM825	6 mm	Micro	567-0937
	8 mm	Fine	637-9437
	15 mm	Standard	602-5629
	18 mm	Coarse	602-5629
	25 mm	Coarse	559-7707

TOOLHOLDERS

SHANK SIZE	PART NUMBER
20 mm	583-6054
22 mm	623-3644
25 mm	623-3647

BLOCKS AND TRIPLE TREES

APPLICATION	DESCRIPTION	PART NUMBER
Micro, Fine	Left side block	496-3470
Micro, Fine	Right side block	512-3231
Standard, Coarse	Left side block	567-0938
Standard, Coarse	Right side block	567-0939
All	End ring Block	496-3468
All	Triple tree - Left	541-7552
All	Triple tree - Right	541-7553



CAT DEALERS

DEDICATED TO HELPING YOUR BUSINESS SUCCEED

When you select Cat equipment and technology, you benefit from the support of the largest dealer network in the industry.

You gain a partner committed to assisting you and your operation at every stage. Whether you require expert advice or emergency service, your Cat dealer is there for you from day one.

QEHQ2683-01 (04/2026)
Global

For more complete information on Cat products, dealer services and industry solutions, visit us on the web at www.cat.com

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