



Photo: 9565PCV



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Angle Grinder

Satisfy Professional's Needs

115mm (4-1/2")
9564PC / PCV

125mm (5")
9565PC / PCV

150mm (6")
9566PC / PCV

Easy-to-operate
paddle switch



Photo: 9565PCV

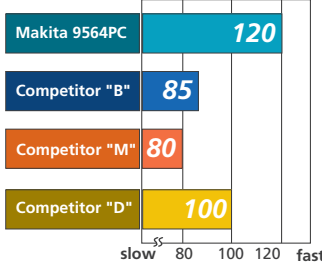
Comparison Performance

Note: Numbers in the charts below are relative values when the capacities of Competitor "D" model are indexed at 100.

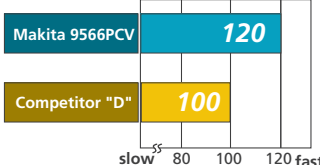
Efficiency of concrete cutting

Test conditions : Cut concrete to depth of 20 mm.
Diameter of equipped wheel : 115mm (4-1/2")

115mm type

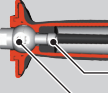


150mm type



Accessories

Accessories	Head Cover	Wheel Cover for Cut-Off Wheel	Dust Collecting Wheel Guard	Dust Collecting Wheel Guard
Part No.				
For Model				*Economy type
9564PC / 9564PCV		122642-1	192618-2	192968-5
9565PC / 9565PCV	417322-5	122641-3		*193794-5
9566PC / 9566PCV		165342-0	-	-

Accessories	Brush Cover for Wire Cup Brush	Rubber Pad	Vibration Proof Grip
Part No.			
For Model			Weight Damper Fulcrum
9564PC / 9564PCV	-	743036-3	
9565PC / 9565PCV	193066-8	743015-1	194514-0
9566PC / 9566PCV		743016-9	

Angle Grinder		9564PC / 9564PCV / 9565PC / 9565PCV / 9566PC / 9566PCV					
		115m (4-1/2")	115mm (4-1/2")	125mm (5")	125mm (5")	150mm (6")	150mm (6")
    	Continuous rating Input	9564PC	9564PCV	9565PC	9565PCV	9566PC	9566PCV
	Capacity (Wheel diameter)	1,400W	1,400W	1,400W	1,400W	1,400W	1,400W
	No load speed	115mm (4-1/2")	115mm (4-1/2")	125mm (5")	125mm (5")	150mm (6")	150mm (6")
	Overall length	11,500rpm	2,800-11,500rpm	11,500rpm	2,800-11,500rpm	10,000rpm	4,000-10,000rpm
	Net weight	307mm (12-1/8")	307mm (12-1/8")	307mm (12-1/8")	307mm (12-1/8")	307mm (12-1/8")	307mm (12-1/8")
	Power supply cord	1.9kg (4.2lbs)	1.9kg (4.2lbs)	1.9kg (4.2lbs)	1.9kg (4.2lbs)	1.9kg (4.2lbs)	1.9kg (4.2lbs)
		2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)
  	Double insulation	○	○	○	○	○	○
	Super joint system (SJS)	○	○	○	○	○	○
	Variable speed	×	○	×	○	×	○
	Electronic speed control	○	○	○	○	○	○
	Soft start	○	○	○	○	○	○
Standard Equipment							
Depressed Center Wheel, Lock Nut Wrench, Side Grip							

Items of standard equipment and specifications may differ by country or area.

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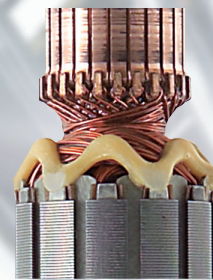


Powerful Motor Angle Grinders

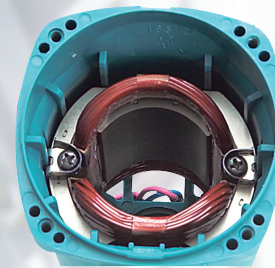
115mm (4-1/2"): 9564PC, 9564PCV
125mm (5"): 9565PC, 956PCV
150mm (6"): 9566PC, 9566PCV

High power & Heavy-Duty motor

New Field with superior wiring technology leads to higher wattage without motor-size expansion.
The successors inherit slim body, zigzag varnishment on armature and powder varnishment on field from the predecessors.



Zigzag varnishment



Powder varnishment



Photo: 9565PCV

Easy-to-operate paddle type on/off switch

- Can be easily controlled by the hand gripping the machine.
- With non-slip pattern on the surface of paddle lever for easy on-off control
- The lock-off button is positioned in the center of the paddle lever so that it is operable no matter what portion of the lever is gripped.

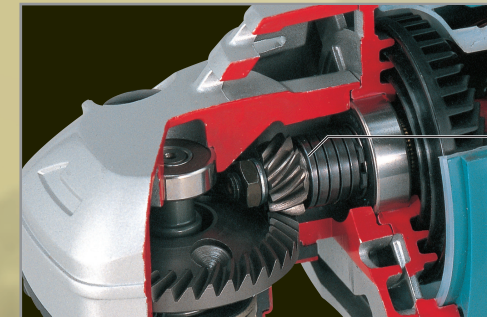


Toolless Wheel Cover

115 mm (4-1/2")	125 mm (5")	150 mm (6")	Input (W)	No load speed (rpm)	Super Joint System -SJS	Electronic limiter	Soft start	Electronic speed control	Variable speed
9564PC	9565PC	9566PC	1,400	11,500 (9564/9565PC)	○	○	○	○	×
				10,000 (9566PC)					
9564PCV	9565PCV	9566PCV		2,800 - 11,500 (9564/9565PCV)	○	○	○	○	○
				4,000 - 10,000 (9566PCV)					

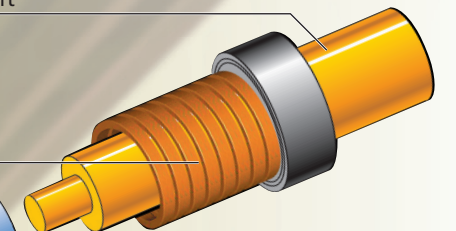
Super Joint System

- When wheel is accidentally locked:
 - Absorbs shock to operator.
 - Protects gears from damage.
- Ensures smooth grinding feeling.

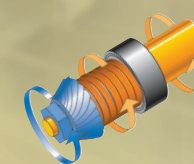


Armature shaft

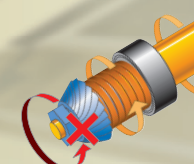
Coil-Spring



Spiral bevel gear



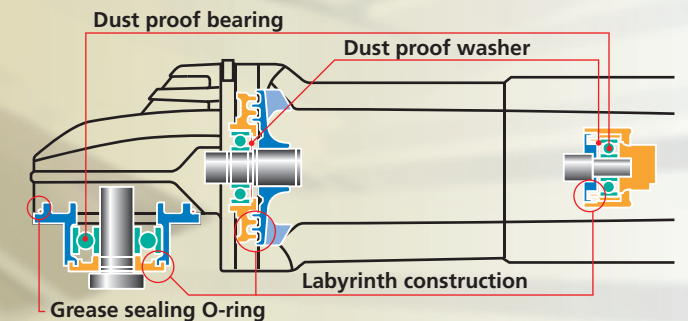
1. When rotation starts:
With the rotation of armature shaft, Coil-Spring is extended and its tightening force increases so that armature shaft is fixed firmly and transmitted to spiral bevel gear.



2. When wheel is accidentally locked:
The Coil-Spring will be in slippery condition against the shock by accidental spindle lock or overload which surpasses the limited torque designed for the tool. This will prevent the damage of gears or armature and ensure longer tool life.

More Durable Gears and Bearings

- Gears are lubricated by securely sealed grease in gear room.
- Bearings are protected from dust/dirt by Labyrinth construction.



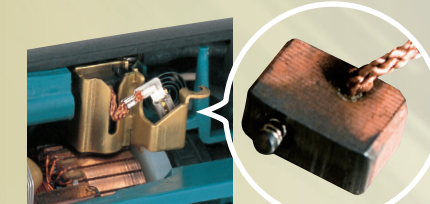
Easy-to-Grip Shape

Internal brush holders enable the machine circumference to be flat without protrusions.



Auto Cut-out Carbon Brush

Automatically stops the motor to protect commutator when Carbon Brush wears out.



Speed Control Dial

for Model 9564PCV, 9565PCV, 9566PCV

Rotation speed is selectable to work piece.



Electronic Limiter & Electronic Controller

- Stops the current to protect the motor from burning when there is accidental overload on the machine.
- Restarts the motor automatically when the machine is freed from the load again.
- The constant speed control keeps minimizing the speed loss under loaded conditions and enables highly efficient operation.
- The soft starter suppresses the rotation speed for seconds at startups to reduce the starting shock.