



# Grinder Catalogue



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# High Performance 710/840W

A motor with enough power for heavy application and high heat resistance

4",	4½",	5"
9553HN,	9554HN,	9555HN
9556HN,	9557HN,	9558HN



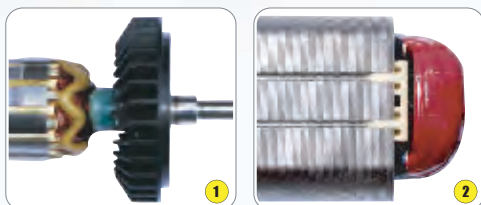
Photo: 9558HN

Best Seller Grinders

## 1 High 710/840W Power Anti-Dust Motor

Thicker coil wire and increasing the number of winds on both the armature and field coil, generates more wattage and torque which helps reduce the possibility of overload.

Armature coated with protective zigzag varnish and Field coated with powder varnish protects the motor from dust and wire breakage, ensuring more durability for any heavy application.



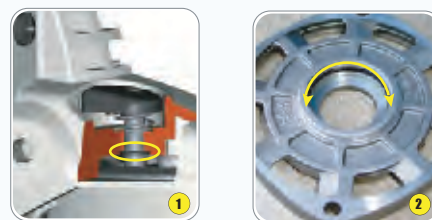
1. Zig-Zag varnish  
2. Powder varnish

## 2 Labyrinth construction

Protects all ball bearings from dust and debris

## 3 O Rings for Protection from Grease-Leakage

The "O" rings around the gear housing have been specially placed to prevent grease leakage, this ultimately increases the life of the gears.



1. At the Lock Nut Pin.      2. Close to the bearing.

## 4 Dust-Proof Ball Bearing.

## 5 Rotatable gear housing.

Can be positioned at every 90°.

# Ergonomically best possible gripping 720W

Achieved by the ingenious design of motor housing, rear cover and side grip

4"      4½"      5"  
GA4030, GA4530, GA5030



Photo: GA4030

## 1 Slim motor housing with a small circumference of 180mm

- Motor housing and rear cover ergonomically and uniquely ribbed for sure and comfortable gripping.



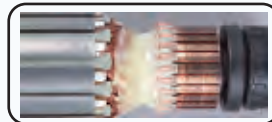
- Rear cover ergonomically tapered for easy gripping.
- Ergonomic 20° side grip angle.

### Very comfortable in any gripping way



## 2 Extra-high reliability and durability

- High quality motor with excellent heat-resistance



- Reliable machined bevel gears



- Protection against dust
  - dust-proof ball bearings
  - motor-field coated with protective powder varnish
  - Two labyrinth rings seal the ball bearings and entirely protect the gears and the motor from dust and dirt.



# High Performance with paddle switch 840W

A motor with enough power for heavy application and high heat resistance

4", 4½", 5"  
9556HP, 9557HP, 9558HP



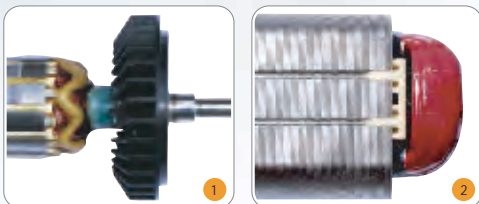
Photo: 9558HP

Same Feature as Best Seller Grinders with more safety

## 1 High 840W Power Anti-Dust Motor

Thicker coil wire and increasing the number of winds on both the armature and field coil, generates more wattage and torque which helps reduce the possibility of overload.

Armature coated with protective zigzag varnish and Field coated with powder varnish protects the motor from dust and wire breakage, ensuring more durability for any heavy application.



1. Zig-Zag varnish  
2. Powder varnish

## 2 Paddle switch for increased safety

The HP range of grinders come with a paddle switch for increased safety. If the grinder is dropped or when the trigger is released the machine will automatically stop. The grinder will not start unless the Lock Switch is activated and held down. This prevents the machine starting if it is accidentally dropped on the paddle switch.



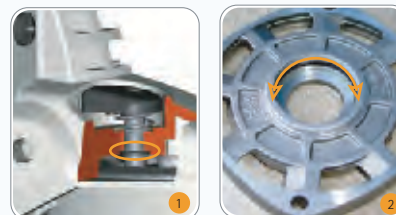
Paddle Switch

## 3 Labyrinth construction

Protects all ball bearings from dust and debris

## 4 O Rings for Protection from Grease-Leakage

The "O" rings around the gear housing have been specially placed to prevent grease leakage, this ultimately increases the life of the gears.



1. At the Lock Nut Pin. 2. Close to the bearing.

## 5 Dust-Proof Ball Bearing.

## 6 Rotatable gear housing.

Can be positioned at every 90°.

# Extra Heavy Duty

1100/1400W

With Super Joint System

4½"

9564HZ, 9564C, 9564CV

5"

9565HZ, 9565CV & 9565CVL



Photo: 9564HZ

**Heavy Duty Models**  
9564C / 9564CV / 9565CV / 9565CVL

## 1 High Anti-Dust Powerful Motor

High power 1,100W (9564HZ/9565HZ) & 1,400W (9564C/CV, 9565CV/CVL) motor in extremely small circumference body, protective zig-zag varnish on armature and full varnish coating on the field coil, protects motor from damage.

## 2 "Super Joint System" - SJS

Makita's patented SJS (Super Joint System) to prevent wheel lock up and overload.



Super Joint System provides you the following benefits:

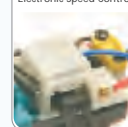
- Smooth and comfortable grinding work.
- Suppression of shock by accidental wheel lock during work.
- Prevention of damage on gear resulting from accidental wheel lock.

## 3 Electronic Speed Control with Soft Start

Electronic speed control for keeping constant RPM, even under loaded conditions, also suppresses start up shock.

(For 9564CV/9565CV only.)

Electronic Speed Control



## 4 "Tool-less" Wheel Guard for Quick and Easy Adjustment.

## 5 High Sealed Gear Housing for Added Protection.

## 6 Labyrinth Construction Protects all Ball Bearings from Dust and Debris.

## 7 Light Weight and Ergonomically Designed for Operator Comfort.

## 8 Ideal for sanding applications at low speed

(For 9565CVL only)

# Always Secured 1,200W

A motor with enough power for heavy application and high heat resistance

4½", 5"  
9561CR, 9562CR



Photo: 9561CR

**Heavy Duty Models**  
with Anti restart Function

## 1 Heavy-duty motor

The field with superior wiring technology leads to higher power without motor-size expansion. Slim body, zigzag varnish on armature and powder varnish on field.

## 2 "Super Joint System" - SJS

Makita's patented SJS (Super Joint System) to prevent wheel lock up and overload.

Super Joint System provides you the following benefits:

- Smooth and comfortable grinding work.
- Suppression of shock by accidental wheel lock during work.
- Prevention of damage on gear resulting from accidental wheel lock.



## 3 Labyrinth construction

Protects all ball bearings from dust and debris

## 4 Anti Restart Function prevents accidental startup



Even if plugged in with the switch "ON", the tool does not start with a blinking red light for visual warning.



## 5 O Rings for Protection from Grease-Leakage

The "O" rings around the gear housing have been specially placed to prevent grease leakage, this ultimately increases the life of the gears.

## 6 Dust-Proof Ball Bearing.

## 7 Rotatable gear housing.

Can be positioned at every 90°.

# For Power and Durability

2200/2400/2600W

Robust and Reliable 180mm and 230mm grinders

7"

9"

GA7020, GA7030, GA7040S, GA9020, GA9030, GA9040S



Photo: GA9040S



## 1 High Anti-Dust Powerful Motor

Redesigned armature and field coil for more power, still having high heat resistance. The armature is coated with protective zig-zag varnish and the Field coated with powder varnish, this protects the motor from dust and wire breakage.

## 2 "O" Rings and Felt Rings for Protection from Grease Leakage

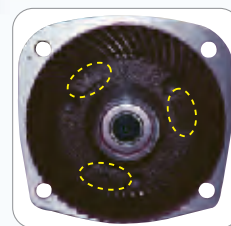
The "O" rings around the gear housing have been specially placed to prevent grease leakage, this ultimately increases the life of the gears and the felt ring prevents the grease from entering into the motor section.



1. At the Lock Nut Pin. 2. Around the gear box. 3. Close to motor section.

## 3 Raised Portion on Main Gear to Prevent Misuse

Raised portions on the main gear prevent the lock pin from engaging the main gear at high rpm's.



## 4 Large Trigger Switch for Easy Operation

Large trigger switch with lock-on feature for continuous operation.

## 5 Vibration Absorbing Side Grip

Optional anti-vibration handle for all 7" and 9" grinders.

## Soft Start



GA7040S, GA9040S offers a soft start feature for operator safety.

## 6 Rotatable Handle - For Operator Comfort


(For GA7030, GA7040S, GA9030 & GA9040S Only.)




# Grinders at a glance (by Wattage)

		N9500N	
 <p>N9500N</p>	Continuous rating input	570W	
	Capacity (disc+wheel)	100mm (4")	
	Wire cup brush	75mm (3")	
	No load speed	12,000rpm	
	Overall length	245mm	
	Net weight	1.6kg (3.5lbs)	
	Power supply cord	2.5m (8.2ft)	


Standard equipment: Depressed center wheel, Lock nut wrench & Grip.

		9520B	9521NB	9522NB
 <p>9521NB</p>	Continuous rating input	670W	670W	670W
	Capacity (disc+wheel)	100mm (4")	115mm (4-1/2")	125mm (5")
	Wire cup brush	75mm (3")	90mm (3-1/2")	90mm (3-1/2")
	No load speed	12,000 rpm	12,000 rpm	9,500rpm
	Overall length	259mm	262mm	262mm
	Net weight	1.3kg (2.9lbs)	1.3kg (2.8lbs)	1.3kg (2.9lbs)
	Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)
		☐	☐	☐


Standard equipment: Depressed center wheel, Locknut wrench & Grip.

		9553HN	9554HN	9555HN
 <p>9553HN</p>	Continuous rating input	710W	710W	710W
	Capacity (disc+wheel)	100mm (4")	115mm (4-1/2")	125mm (5")
	Wire cup brush	75mm (3")	90mm (3-1/2")	90mm (3-1/2")
	No load speed	11,000rpm	10,000rpm	10,000rpm
	Overall length	258mm	258mm	258mm
	Net weight	1.4kg (3.1lbs)	1.4kg (3.1lbs)	1.4kg (3.1lbs)
	Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)
		☐	☐	☐

Standard equipment: Depressed center wheel, Locknut wrench & Grip.

		GA4030	GA4530	GA5030
 <p>GA4530</p>	Continuous rating input	720W	720W	720W
	Capacity (disc+wheel)	100mm (4")	115mm (4 -1/2")	125mm (5")
	No load speed	11,000rpm	11,000rpm	11,000rpm
	Overall length	266mm	266mm	266mm
	Net weight	1.7kg (3.7lbs)	1.8kg (4.0lbs)	1.8kg (4.0lbs)
	Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)
			☐	☐

Standard equipment: Locknut wrench & Grip (Tools does not come with depressed center wheel).

		9556HN	9557HN	9558HN
 <p>9556HN</p>	Continuous rating input	840W	840W	840W
	Capacity (disc+wheel)	100mm (4")	115mm (4-1/2")	125mm (5")
	Wire cup brush	75mm (3")	90mm (3-1/2")	90mm (3-1/2")
	No load speed	11,000rpm	11,000rpm	11,000rpm
	Overall length	271mm	271mm	271mm
	Net weight	1.6kg (3.5lbs)	1.6kg (3.5lbs)	1.6kg (3.5lbs)
	Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)
		☐	☐	☐

Standard equipment: Depressed center wheel, Locknut wrench & Grip.



9556HP

	9556HP	9557HP	9558HP
Continuous rating input	840W	840W	840W
Capacity (disc+wheel)	100mm (4")	115mm (4-1/2")	125mm (5")
Wire cup brush	75mm (3")	90mm (3-1/2")	90mm (3-1/2")
No load speed	11,000rpm	11,000rpm	11,000rpm
Overall length	273mm	273mm	273mm
Net weight	1.6kg (3.5lbs)	1.6kg (3.5lbs)	1.6kg (3.5lbs)
Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)
	☐	☐	☐

Standard equipment: Depressed center wheel, Locknut wrench, Grip



9015B

	9015B	9016B
Continuous rating input	1,050W	1,050W
Capacity (disc+wheel)	125mm (5")	150mm (6")
Wire cup brush	90mm (3-1/2")	90mm (3-1/2")
No load speed	10,000rpm	9,000rpm
Overall length	381mm	381mm (15")
Net weight	2.4kg (5.3lbs)	2.4kg (5.3lbs)
Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)
	☐	☐

Standard equipment: Depressed center wheel, Locknut wrench & Grip.



GA5010

	GA5010	GA5011	GA6010
Continuous rating input	1,050W	1,050W	1,050W
Capacity (disc+wheel)	125mm (5")	125mm (5")	150mm (6")
No load speed	11,000rpm	11,000rpm	10,000rpm
Overall length	356mm	384mm	356mm
Net weight	2.6kg (5.8lbs)	2.6kg (5.8lbs)	2.7kg (5.9lbs)
Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)
	☐	☐	☐

Standard equipment: Depressed center wheel, Locknut wrench & Grip.



9564HZ

	9563HZ	9564HZ	9565HZ
Continuous rating input	1,100W	1,100W	1,100W
Capacity (disc+wheel)	100mm (4")	115mm (4-1/2")	125mm (5")
Wire cup brush	75mm (3")	90mm (3-1/2")	90mm (3-1/2")
No load speed	11,000rpm	11,000rpm	11,000rpm
Overall length	299mm	299mm	299mm
Net weight	2.1kg (4.6lbs)	2.3kg (5.1lbs)	2.3kg (5.1lbs)
Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)
	☐	☐	☐

Standard equipment: Locknut wrench & Grip (Tools does not come with depressed center wheel).

Heavy Duty Models



9562CR

	9561CR	9562CR
Continuous rating input	1,200W	1,200W
Capacity (disc+wheel)	115mm (4-1/2")	125mm (5")
No load speed	11,000rpm	11,000rpm
Overall length	289mm	289mm
Net weight	2.2kg (4.9lbs)	2.2kg (4.9lbs)
Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)
	☐	☐

Standard equipment: Depressed center wheel, Locknut wrench & Grip.



Heavy Duty Models



9563C

	9563C	9564C / 9564CV	9565CV / CVL
Continuous rating input	1,400W	1,400W	1,400W
Capacity (disc+wheel)	100mm (4")	115mm (4-1/2")	125mm (5")
Wire cup brush	75mm (3")	90mm (3-1/2")	90mm (3-1/2")
No load speed	11,000rpm	11,000rpm: 9564C 2,800-11,000rpm: 9564CV	2,800- 6,800rpm: 9565CVL 2,800-11,000rpm:9565CV
Overall length	299mm	299mm (11-3/4")	299mm
Net weight	2.1kg (4.6lbs)	2.2kg (4.9lbs)	2.1kg (4.6lbs)
Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)

Standard equipment: Depressed center wheel, Locknut wrench & Grip.



GA7001

	GA7001
Continuous rating input	115V : 1,650W 220V - 240V : 2,000W
Capacity (disc+wheel)	180mm (7")
Wire cup brush	110mm (4-3/8")
No load speed	8,000 rpm
Overall length	411.5mm
Net weight	5.7kg (12.6lbs)
Power supply cord	2.5m (8.2ft)

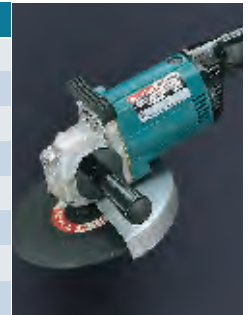


Standard equipment: Depressed center wheel x 2, Locknut wrench & Grip.



9607HB

	9607HB	9609HB
Continuous rating input	2,000W	2,000W
Capacity (disc+wheel)	180mm (7")	230mm (9")
Wire cup brush	110mm (4-3/8")	110mm (4-3/8")
No load speed	8,000 rpm	6,200rpm
Overall length	413mm	413mm
Net weight	5kg (11 lbs)	5.3kg (11.6 lbs)
Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)



Standard equipment: Locknut wrench & Grip (Tools does not comes with depressed center wheel).



9067

	9067	9069	9069K
Continuous rating input	2,100W	2,100W	2,100W
Capacity (disc+wheel)	180mm (7")	230mm (9")	230mm (9")
Wire cup brush	110mm (4-3/8")	110mm (4-3/8")	110mm (4-3/8")
No load speed	8,500 rpm	6,600rpm	6,600rpm
Overall length	458mm (18")	458mm	458mm
Net weight	4.2kg (9.3lbs)	4.2kg (9.3lbs)	4.2kg (9.3lbs)
Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)

Standard equipment: Locknut wrench & Grip (Tools does not comes with depressed center wheel).



GA7020

	GA7020 / GA7020K	GA9020 / GA9020K
Continuous rating input	2,200W	2,200W
Capacity (disc+wheel)	180mm (7")	230mm (9")
Wire cup brush	110mm (4-3/8")	110mm (4-3/8")
No load speed	8,500rpm	6,600rpm
Overall length	473mm	473mm
Net weight	5.5kg (12.2lbs)	5.8kg (12.8lbs)
Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)

Standard equipment: Locknut wrench 35 & Grip (Tools does not comes with depressed center wheel).



GA9030

	GA7030	GA9030
Continuous rating input	2,400W	2,400W
Capacity (disc+wheel)	180mm (7")	230mm (9")
Wire cup brush	110mm (4-3/8")	110mm (4-3/8")
No load speed	8,500rpm	6,600rpm
Overall length	511mm	511mm
Net weight	6.0kg (13.3lbs)	6.3kg (13.9lbs)
Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)



Standard equipment: Locknut wrench 35 & Grip (Tools does not comes with depressed center wheel).



Heavy Duty Models

GA9040S

	GA7040S	GA9040S
Continuous rating input	2,600W	2,600W
Capacity (disc+wheel)	180mm (7")	230mm (9")
Wire cup brush	110mm (4-3/8")	110mm (4-3/8")
No load speed	8,500rpm	6,600rpm
Overall length	511mm	511mm
Net weight	6.4kg (14.2lbs)	6.7kg (14.8lbs)
Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)



Standard equipment: Locknut wrench 35 & Grip (Tools does not comes with depressed center wheel).

Comparison Chart

Models	Wheel diameter	Double Insulation	Variable Speed	Electronic Sped Control	Torque Limiter	Soft Start	Super Joint system	Standard Carry Case
N9500N	100mm							
9520B	100mm	•						
9521NB	115mm	•						
9522NB	125mm	•						
9553HN	100mm	•						
GA4030	100mm	•						
GA4530	115mm	•						
GA5030	125mm	•						
9554HN	115mm	•						
9555HN	125mm	•						
9556HN	100mm	•						
9557HN	115mm	•						
9558HN	125mm	•						
9556HP	100mm	•						
9557HP	115mm	•						
9558HP	125mm	•						
9015B	125mm	•						
9016B	150mm	•						
GA5010	125mm	•						
GA5011	125mm	•						
GA6010	150mm	•						
9563HZ	100mm	•					•	
9564HZ	115mm	•					•	
9565HZ	125mm	•					•	
9561CR	115mm	•		•		•	•	
9562CR	125mm	•		•		•	•	
9563C	100mm	•		•		•	•	
9564C	115mm	•		•		•	•	
9564CV	125mm	•	•	•		•	•	
9565CV	125mm	•	•	•		•	•	
9565CVL	150mm	•	•	•		•	•	
GA7001	180mm							
9607HB	180mm	•						
9609HB	230mm	•						
9067	180mm	•						
9069	230mm	•						
9069K	230mm	•						•
GA7020	180mm	•						
GA7020K	180mm	•						•
GA9020	230mm	•						
GA9020K	230mm	•						•
GA7030	180mm	•			•			
GA9030	230mm	•			•			
GA7040S	180mm	•			•	•		
GA9040S	230mm	•			•	•		

# Accessories

## 1. (a) Diamond wheels



### Segmented Type:

This is the type most used today. The blade has slits in it, and a diamond layer is attached to the edge. Handling is better than with a continuous rim type blade, but the finish is less smooth on the cut.



### Segmented Wave Type:

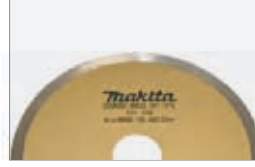
This wheel has many notches on each segment. These notches assure better cutting.

- Smooth and fast cutting with less resistance
- Deep cutting with smooth chip ejection
- Less wheel loading



### Corrugated Type:

This type has properties mid-way between the continuous rim and segmented types. The handling is not equal to that of the segmented type wheel, but the cutting surface is better and fewer chips fall off when the blade heats up.

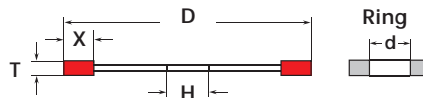


### Continuous Rim Type:

This type has a diamond layer of uniform thickness that runs around the entire blade edge. It produces a very smooth cutoff surface in crusty, brittle materials, and with high cutting accuracy. The handling, however, is not as good as with a segmented type wheel.

### Diamond Wheels

- Segmented
- Segmented Wave
- Corrugated
- Continuous Rim



### For Material

1. Hard Concrete, Smoothable Engineering Carbonaceous Shale, Granite, Sidewalk Slate, Engineering Block.
2. Concrete, Block, U-Shaped Groove Sidewalk block, Cemented Tile.
3. Marble, Unglazed Tile.
4. Brick, Aggregate Block, French Tile.
5. Asphalt
6. Tile.

Wheel Style		D	T	X	H	d	Color	For Material						For Model	Part No.
Shape								1	2	3	4	5	6		
Segmented	Dry	105	1.9	7	20	16	Gold	•	•					100mm Grinder	D-05197
		105	1.8	7.5	20	16	Gold	•	•					100mm Grinder	A-87149
		125	2	7	22.23	20	Gold	•	•					125mm Grinder	A-88901
		150	2.1	7	22.33	-	Gold	•	•					125mm Grinder	B-06432
		125	2	7	22.33	20	Blue	•	•	•	•			125mm Grinder	A-02808
		125	2	7	22.33	20	Blue	•	•	•	•			125mm Grinder	A-07381
		125	1.9	7	22.33	20	Blue	•	•	•	•			125mm Grinder	A-01236
		155	2	7	22.23	-	Blue	•	•					150mm Grinder	A-83836
		180	2	7	25.4	22.23	Gold	•	•					180mm Grinder	A-87909
		105	1.7	7	20	16	Silver	•	•	•	•			100mm Grinder	A-84090
		115	1.8	7	22.23	-	Silver	•	•	•	•			115mm Grinder	A-84006
		115	1.9	7	22.23	-	Gold	•	•	•	•			115mm Grinder	A-84109
		125	1.9	7	22.23	20	Gold	•	•	•	•			125mm Grinder	A-84115
		125	2	7	22.23	20	Silver	•	•	•	•			125mm Grinder	A-84012
		180	2.3	7	25.4	22.23	Gold	•	•	•	•			180mm Grinder	A-84121
180	2	6	25.4	22.23	Silver	•	•	•	•			180mm Grinder	A-84028		
230	2.5	7	22.23	-	Gold	•	•	•	•			230mm Grinder	A-84137		
230	2.2	6.5	22.23	-	Silver	•	•	•	•			230mm Grinder	A-84408		
230	2.2	7.5	22.23	-	Gold	•	•	•				230mm Grinder	A-86826		
Segmented Wave	Dry	105	1.8	7.5	20	16	Gold	•	•					100mm Grinder	B-03028
		115	2	7.5	22.23	-	Blue	•	•					115mm Grinder	A-80422
		125	2	7.5	22.23	-	Blue	•	•					125mm Grinder	A-80438
		180	2.2	7	22.23	-	Blue	•	•					180mm Grinder	A-83842
		230	2.5	7.5	22.23	-	Blue	•	•					230mm Grinder	A-80173
Corrugated	Dry	105	2	7	20	16	Silver	•	•	•	•			110mm Grinder	A-84040
		105	2	7	20	16	Gold	•	•	•				110mm Grinder	D-05206
		115	2	7	22.23	-	Gold	•	•	•	•			115mm Grinder	A-84143
		115	2	7	22.23	-	Silver	•	•	•	•			115mm Grinder	A-84056
		125	2	7	20	-	Blue	•	•	•	•			125mm Grinder	A-02761
		125	2.1	7	22.23	20	Silver	•	•	•	•			125mm Grinder	A-84062
		125	2.1	7	22.23	20	Gold	•	•	•	•			125mm Grinder	A-84159
		125	2	7	22.23	20	Silver	•	•	•	•			125mm Grinder	B-02973
		180	2.3	7	25.4	22.22	Gold	•	•	•	•			180mm Grinder	A-84078
		180	2.3	7	25.4	22.23	Gold	•	•	•	•			180mm Grinder	A-84165
		230	2.3	-	22.23	-	Silver	•	•					230mm Grinder	B-01806
230	2.6	7	22.23	-	Gold	•	•	•	•			230mm Grinder	A-84171		
230	2.6	7	22.23	-	Silver	•	•	•	•			230mm Grinder	A-84084		
Continuous Rim	Wet	105	1.6	5	20	16	Gold						•	110mm Grinder	A-89012
		115	1.6	5	22.23	-	Gold						•	115mm Grinder	A-89028

## 1. (b) Diamond Grinding wheels

- Fast material removal
  - Light weight
  - Long Life
- Applications: For rough grinding of concrete. Used in bridges, flyovers and concrete floors.

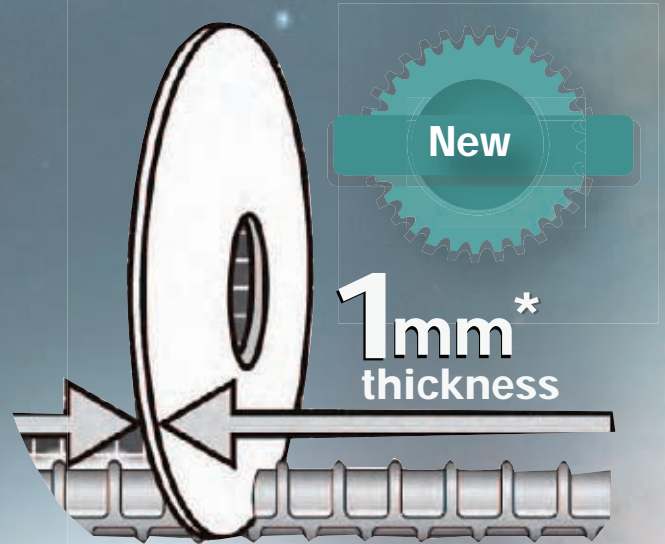


For model	Diameter (mm)	Bore (mm)	Part no
115mm, 125mm Grinders	105mm	22mm	B-14629

## Accessories

# Thin Cutting Wheels

(100mm, 115mm, 125mm, 150mm, 180mm and 230mm)



\* 1.6mm thickness for 150/180mm wheel  
\* 1.9mm thickness for 230mm wheel

### 1 Fast Cutting

The thin cutting wheels cut very fast thus ensuring less time to complete the job

### 2 No Burnt Mark

These wheels do not leave any burnt mark on the job which gives a good finish

### 3 No Burr

Minimum burr formation occurs while using these wheels.

### 4 Long Life

These wheels have very long life when compared to normal ones

### 5 Cutting Any Material

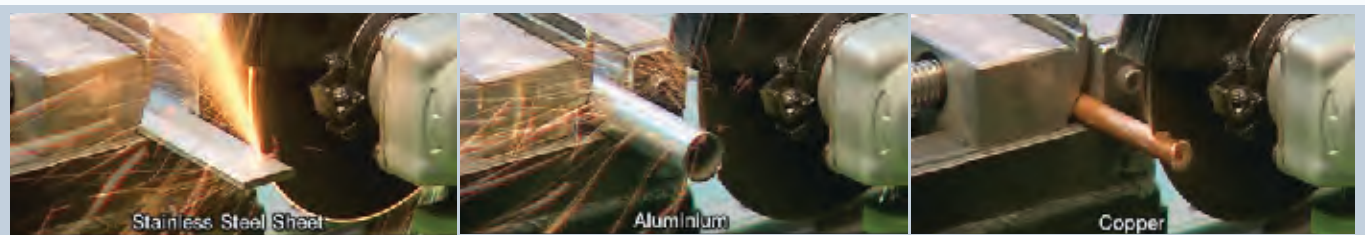
The thin cutting wheels can be used for cutting steel, stainless steel, aluminium, copper & almost every type of material.

### 2. Thin Metal Cutting Wheels (B-series) Inox A60T-BF



10 wheels per package

Size (mm)	Grit	Part No.	Max. RPM
100x1.0x16mm	Inox A60T-BF	B-12201	15,300
115x1.0x22.23mm		B-12217	13,300
125x1.0x22.23mm		B-12239	12,250
150x1.6x22.23mm		B-12251	10,200
180x1.6x22.23mm		B-12267	8,500
230x1.9x22.23mm		B-12273	6,650



# Accessories

### 3. Depressed center wheel - Grinding (D-series)



\* It will be discontinued once the current stock is over

Size (mm)	Grit	Part No.	Max. RPM
100 x 6 x 16	Metal A24R	D-18443	15,280
115 x 6 x 22.23		D-18459	13,290
125 x 6 x 22.23		D-18465	12,200
180 x 6 x 22.23		D-18471	8,600
230 x 6 x 22.23		D-18487	6,600
100 x 6 x 16	Masonry C24R	* D-18493	15,280
115 x 6 x 22.23		* D-18502	13,290
125 x 6 x 22.23		* D-18518	12,200
150 x 6 x 22.23		* D-18524	12,200
180 x 6 x 22.23		* D-18530	10,190
230 x 6 x 22.23		* D-18546	6,600

### 4. Depressed center wheel - Cutting (D-series)



Size (mm)	Grit	Part No.	Max. RPM
100 x 3 x 16	Metal A30S	D-18552	15,280
115 x 3 x 22.23		D-18568	13,290
125 x 3 x 22.23		D-18574	12,200
180 x 3 x 22.23		D-18580	8,600
230 x 3 x 22.23		D-18596	6,600
100 x 3 x 16	Masonry C30S	D-18605	15,280
115 x 3 x 22.23		D-18611	13,290
125 x 3 x 22.23		D-18627	12,200
180 x 3 x 22.23		D-18633	8,600
230 x 3 x 22.23		D-18649	6,600

### 5. Thin Cutoff wheel for stainless steel - Flat

- Higher cutting speed, upto 2-3 times faster
- Reduced wastage of work materials.
- No discolouration (rust) around stainless steel cutting edge.



Size (mm)	Grit	Part No.	Max. RPM
100 x 1 x 16	WA60T	D-18758	15,280
115 x 1.2 x 22.2	WA60T	D-18764	13,290
125 x 1.2 x 22.2	WA60T	D-18770	12,200
180 x 2 x 22	WA36R	D-18786	8,600
230 x 2 x 22	WA36R	D-18792	6,600

### 6. Thin Cutoff wheel for stainless steel - Depressed Center



\* It will be discontinued once the current stock is over

Size (mm)	Grit	Part No.	Max. RPM
100 x 1.2 x 16	WA60T	* D-18801	15,280
115 x 1.2 x 22.2	WA60T	* D-18817	13,290
125 x 1.2 x 22.23	WA60T	* D-18823	12,200
180 x 2 x 22.23	WA36R	* D-18839	8,600
230 x 2 x 22.23	WA36R	* D-18172	6,600

### 7. Depressed center wheel - Grinding (A-series)

(For metal polishing and general flat grinding)

- \* A36 - for metal
- \* WA36N / WA36O - for stainless steel



Size (mm)	Grit	Part No.	Max. RPM
100 x 6 x 16	WA36N	A-80852	13,690
115 x 6 x 22.23	WA36N	A-80868	13,290
125 x 6 x 22.23	WA36N	A-80874	12,220
180 x 6 x 22.23	WA36O	A-80880	8,500
230 x 6 x 22.23	WA36N	A-80896	6,600
100 x 4 x 16	A36	A-80905	13,690
100 x 6 x 16	A36	A-80911	13,290
115 x 6 x 22.23	A36	A-80927	13,290
125 x 6 x 22.23	A36	A-80933	12,290
150 x 6 x 22.23	A36	A-84981	10,190
180 x 6 x 22.23	A24	A-88886	8,500
180 x 6 x 22.23	A36	A-80949	8,500
230 x 6 x 22.23	A36	A-80955	6,600

### 8. Depressed center wheel - Cutting (A-series)

(For fast, clean cuts, notching and slotting)

A30T: For Metal  
C30T: For Stone



Size (mm)	Grit	Part No.	Max. RPM
100 x 3 x 16	A30T	A-83587	13,690
100 x 3 x 16	C30T	A-86745	13,690
115 x 3 x 22.23	A30T	A-83593	13,290
115 x 3 x 22.23	C30T	A-85254	13,290
125 x 3 x 22.23	A30T	A-83602	12,220
125 x 3 x 22.23	C30T	A-85260	12,220
150 x 3 x 22.23	A30T	B-05050	10,190
180 x 3 x 22.23	A30T	A-83618	8,500
180 x 3 x 22.23	C30T	A-85276	8,500
230 x 3 x 22.23	A30T	A-83624	6,600
230 x 3 x 22.23	C30T	A-85282	6,600



# Accessories

## 9. Abrasive disc (For sanding and finishing.)



Outer Dia (mm)	Grit	Part No.	Max. RPM
100	24	794065-9	13,700
100	30	794066-7	13,700
100	50	794067-5	13,700
100	80	794068-3	13,700
100	100	794227-9	13,700
100	120	794069-1	13,700
115	24	794104-5	11,950
115	30	794105-3	11,950
115	50	794106-1	11,950
115	80	794107-9	11,950
115	120	794108-7	11,950
125	24	794096-8	11,000
125	30	794097-6	11,000
125	50	794098-4	11,000
125	80	794099-2	11,000
125	120	794100-3	11,000
150	24	794070-6	9,200
150	30	794071-4	9,200
150	50	794072-2	9,200
150	80	794073-0	9,200
150	100	794219-8	9,200
150	120	794074-8	9,200
180	16	794091-8	7,600
180	20	794092-6	7,600
180	24	794093-4	7,600
180	30	794218-0	7,600
180	50	794094-2	7,600
180	80	794095-0	7,600
180	100	794220-3	7,600
180	120	794221-1	7,600



## 10. Flap Disc series

**Zirconia Aluminum:** For sanding & grinding metals and stainless steel.  
Sands flat, contoured or curved surfaces like a sanding disc.



Part No.	Grit	Dia (mm)	Grain	Application	Max. RPM
D-27420	36	115 (4-1/2")	Zircon	Steel	13,290
D-27436	40				13,290
D-27442	60				13,290
D-27458	80				13,290
D-27464	120				13,290
D-27470	36	125 (5")		12,200	
D-27486	40			12,200	
D-27492	60			12,200	
D-27501	80			12,200	
D-27517	120			12,200	
D-27523	36	180 (7")	8,600		
D-27539	40		8,600		
D-27545	60		8,600		
D-27551	80		8,600		
D-27567	120		8,600		

**Silicon Carbide:** Effective for sanding brick, stone & concrete.

D-28020	36	115 (4-1/2")	Si Car	Stone	13,290
D-28036	40				13,290
D-28042	60				13,290
D-28058	80				13,290
D-28064	120				13,290
D-28070	36	125 (5")		12,200	
D-28086	40			12,200	
D-28092	60			12,200	
D-28101	80			12,200	
D-28117	120			12,200	
D-28123	36	180 (7")	8,600		
D-28139	40		8,600		
D-28145	60		8,600		
D-28151	80		8,600		
D-28167	120		8,600		

**Aluminum Oxide:** For sanding metal, plastic, wood & steel.

D-27028	36	115 (4-1/2")	Aluminum Oxide	Stone	13,290
D-27034	40				13,290
D-27040	60				13,290
D-27056	80				13,290
D-27062	120				13,290
D-27078	36	125 (5")		12,200	
D-27084	40			12,200	
D-27090	60			12,200	
D-27109	80			12,200	
D-27115	120			12,200	
D-27121	36	180 (7")	8,600		
D-27137	40		8,600		
D-27143	60		8,600		
D-27159	80		8,600		
D-27165	120		8,600		



# Accessories

## 11. Wire brush

For Model

A: 100mm Disc / Angle Grinder

B: 125, 150mm Angle Grinder

C: 180, 230mm Angle Grinder



For Model	Size	Spindle thread	Part No.	Max.RPM
<b>Crimped Cup</b> (Ideal for light rust removal from flat surfaces and edges.)				
A	60mm	M10 x 1.5	D-24066	12,500
B	60mm	M14 x 2	D-24072	12,500
A	75mm	M10 x 1.5	D-24088	12,500
B	75mm	M14 x 2	D-24094	12,500
A	75mm	M10 x 1.25	794160-5	12,500
A	75mm	M10 x 1.5	794162-1	12,500
B	90mm	M14 x 2	794371-2	11,000
B	90mm	M16 x 2	794324-1	11,000
C	110mm	M14 x 2	794372-0	9,000
C	110mm	M16 x 2	794325-9	9,000
<b>Knot Cup</b>				
A	60mm	M10 x 1.5	D-24103	12,500
B	60mm	M14 x 2	D-24119	12,500
A	75mm	M10 x 1.5	D-24125	12,500
B	75mm	M14 x 2	D-24131	12,500
<b>Knot Cup2</b>				
A	60mm	M10 x 1.5	D-24147	12,500
B	60mm	M14 x 2	D-24153	12,500
<b>Wire bevel brush</b> (Best for cleaning sides)				
A	85mm	M10 x 1.25	794163-9	12,500
A	85mm	M10 x 1.5	794165-5	12,500



## 12. Inner flange

(For depressed center wheel, diamond wheel and Cutting wheel )



Spindle Thread	Outer Dia(mm)	Part No.
For Grinder size 100mm		
M10 X 1.25	30	224030-9
		224270-9
		224229-6
		224314-5
M10 X 1.5	30	224343-8
M10 X 1.25	40	224097-7
For Grinder size 115mm, 125mm and 150mm		
M14x2(DIN)		224415-9
M14x2(DIN)		224317-9
For Grinder size 115mm, 125mm, 150mm, 180mm & 230mm		
M16 X 2	40	224054-5
For Grinder size 125mm, 150mm & 180mm		
M16 X 2 5/8"	40	224257-1
For Grinder size 125mm		
DIN	42	224236-9
For Grinder size 115mm, 125mm, 150mm, 180mm & 230mm		
DIN	42	224415-9
DIN	42	224267-8
For Grinder size 180mm & 230mm		
DIN	78	224257-1
For Grinder size 180mm		
5/8"	89	224111-9
M16 X 2	100	224063-4

## 13. Lock nut

(For depressed center wheel, diamond wheel and Cutting wheel )



Lock nut

Spindle Thread	Outer Dia(mm)	Part No.
For Grinder size 100mm, 115mm		
M10 X 1.25	30	224578-1
For Grinder size 100mm		
M10 X 1.5	30	224559-5
For Grinder size 115mm		
M10 X 1.25	30	224541-4
M14 X 2	40	224507-4
M10 X 1.25	40	224505-8
For Grinder size 115mm, 125mm, 150mm		
DIN	45	224054-5
For Grinder size 180mm, 230mm		
M14 X 2 DIN	45	224543-0

## 14. Safety Cutting Flange 78

(For cut-off wheel, Extra large diameter)

For: 180mm, 230mm


\* Use with Lock nut 224543-0



Spindle thread	Outer flange Part No.	Inner flange Part No.
M14 x 2(DIN)	*224256-3	224257-1


# Accessories

**15. Super flange 47**  
For: 115mm, 125mm, 150mm, 180mm, 230mm Angle Grinder




Spindle thread	Part No.
M14x2(DIN)	192227-7

**16. Paint Stripper Wheel**  
For 115mm Angle grinders (Used for removing paint on car bodies prior to painting, weld dressing.)




M14x2(DIN)	A-88799	11,500
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**17. Wheel cover**



Type	Part No.
For 100mm Models: N9500N, 9500NB	- 154755-0
For 100mm Models: 9560/C/ CV/9563	- 125172-1
Tool less	135109-0
For 100mm Models: 9553B/NB, 9556NB/PB	- 125266-2
For 100mm Models: GA4030	- 135238-9
For 115mm Models: 9554NB, 9557NB/PB, BGA450, BGA452	- 125267-0
For 115mm Models: 9561/CH/ CVH, 9564C/ CV/H	Tool less 135107-4
For 115mm Models: GA4530	- 135245-2
Tool less	135247-8
For 125mm Models: 9562/CH/ CVH, 9565C/ CV/H, GA5021C, GA5020C	Tool less 135108-2
For 125mm Models: 9555NB/B, 9558NB/8PB	- 125268-8
For 125mm Models: GA5030	135240-2
Tool less	135242-8
For Model: 9565CVL	- 165055-3
For 180mm Models: GA7020/S, GA7030/S, GA7040/S	- 154674-0
For 230mm Models: GA9020/S, GA9030/S, GA9040/S	- 154672-4


**18. Sanding lock nut**



Spindle thread	Part No.
For 100mm Angle Grinder	
M10 x 1.25	224501-6
M10 x 1.5	224502-4
For 115mm, 125mm, 150mm, 180mm, 230mm Angle Grinder	
M14 x 2 (DIN)	224515-5
M16 x 2	224523-6

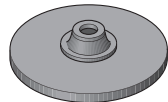
**19. Rubber pad** (For abrasive disc)

A : For spindle thread M14 x 2(DIN)  
B : For spindle thread M16 x 2, 5/8"




Outer dia.(mm)	Type	Part No.
For 100mm Angle Grinder		
76	-	743009-6
76	-	A-81125
For 115mm Angle Grinder		
100	A	794187-5
100	B	743036-3
For 125mm Angle Grinder		
115	-	743015-1
For 150mm Angle Grinder		
125	-	743016-9
For 180mm Angle Grinder		
170	-	743012-7

**20. Pad**  
(Hook & loop type)



For Model	Diameter	Type	Part No.
9564CVL	115mm	-	743062-2
9565CVL	125mm	-	743061-4

**21. Dust collecting wheel guard**  
(For dust collection)  
\* Economy type




Type	Part No.
For 100mm Models: N9500N, 9500NB	
A	192212-0
For 100mm Models: 9526B, 9553NB, 9556NB/PB, 9563/C/ CV	
A	192475-8
For 115, 125mm Models	
B (W/ Joint)	*193794-5
For 230mm Models: 9049/F/S/ SF, 9059/S/ SF, 9069/S, 9079/S, GA9010C, GA9020, GA9030/S, GA9040S	
B	194044-1

**22. Dust Cover Attachment Set**  
For Model: 9560/C, 9561CR/ CVR, 9562CR/ CV, 9563H/ C/ CV, 9564H/ C/ CV/ CVL, 9565H/ C/ CV/ CVL, 9566CV



Part No.	
193903-6	
For Model: GA7010C, GA9010C	
193956-5	
For Model: GA7020, GA9020, GA7030/S, GA7040S, GA9030/S, GA9040S	
194289-1	

**23. Grip, loop handle**



Type	Part No.
For: 100, 115, 125 & 150mm Angle Grinder	
Grip	153489-2
For: 125, 150 & 180mm Angle Grinder	
Grip	152492-0
For: 180 & 230mm Angle Grinder	
Grip	152539-0
Grip	151776-3
Anti Vibration Grip	194543-3
For Model: GA5010, GA6010	
Grip	153504-2

**24. Head Cover**



For Model	Part No.
9564CVL, 9565CVL	417322-5

**25. Wrench**



Spindle Thread	Size	Part No.
M10 x 1.25	14	781007-2
M14 x 2	17	781008-0
M16 x 2	17.23	781014-5

**26. Lock nut wrench**



Spindle Thread	for model	Size	Part No.
M10X1.25, M10X1.5	All 100mm	20	782401-1
	All 100mm	20	782420-7
	115 / 125mm	35	782423-1
M16X2, 5/8"	DIN&Old type	28	782412-6
M16X2, DIN	180 / 230mm	35	782407-9

## Safety for Grinders

1. Always use the proper guard with grinding wheel.
2. Use only properly rated abrasives, diamond wheels and cup brushes - run them at the recommended speed.
3. Hold the tool by the insulated gripping surfaces.
4. Keep hands away from rotating parts.
5. Don't use under rated extension cords and always unwind the full length from the drum.

## 8 Points Procedure

(Remember to always have the power disconnected when not operating the tool.)

1. Inspect the tool. Make sure all parts are attached and are tightened.
2. Secure the work piece. (A wide variety of clamps, vises, etc. are available to assist you in securing the piece of work.)
3. Make necessary markings on the work piece.
4. Make necessary adjustments to the tool.
5. Put on safety glasses.
6. If you need to raise your voice to be heard while using the tool, wear ear protection.
7. Take appropriate position to operate tool
8. The Makita Operation Manual that accompanies each tool also provides safety recommendations specific to each tool.

## Extension Cords & Voltage Drop

Extension cords are the biggest cause of burn-outs in power tools. This is particularly a problem on large construction sites where the extension leads often exceed 30m. On site, wheelbarrows and other heavy traffic will ride over the cable and damage some of the inner copper strands. This causes a higher resistance and decreases the current flow, starving the tool of enough power.

This will slow the tool down and decrease the cooling air flow from the fan. The armature and field coils will overheat resulting in burn-out.

