

Grinders and Metalworking

Tools and Accessories

Section Guide

Tools

Small Angle Grinders	156-159
Medium Angle Grinders.....	157-159
Large Angle Grinders.....	160-161
Angle Grinder Combo Kits.....	162
Concrete Surfacing.....	164
Tuckpoint Grinder.....	164
Cutoff Grinders and Saw.....	165
Die Grinders	166
Gauge Shears & Nibblers.....	166-168

Accessories

Grinding Wheels.....	169-173
Grinding Specialty Attachments	162
Diamond Abrasive Blades	174-178

Grinders and Metal Working

Grinder Quick Reference Guide

Small Angle

						
Item #	1375A	1380SLIM/1380SLIM-K	1800	1810PS/1810PSD	1801	1811PS/1811PSD
Classification	Small Angle Grinder	Small Angle Grinder	Small Angle Grinder	Small Angle Grinder	Small Angle Grinder	Small Angle Grinder
Switch Type	Lock-on	Lock-on	Lock-on	Paddle (1801PSD - No lock-on switch)	Lock-on	Paddle (1811PSD - No lock-on switch)
Amperage	6	7.5	7.5	8	9.5	9
No Load RPMs	11,000	11,000	11,000	11,000	11,000	11,000
Wheel Size	4-1/2"	4-1/2"	4-1/2"	4-1/2"	5"	5"
Spindle Thread	5/8"-11	5/8"-11	5/8"-11	5/8"-11	5/8"-11	5/8"-11
Epoxy Coated Field Windings	Yes	Yes	Yes	Yes	Yes	Yes
Sealed Switch	Yes	Yes	Yes	Yes	Yes	Yes
Grip Circumference	195mm	180mm	205mm	205mm	205mm	205mm
Length	10-1/2"	11"	11-1/4"	11-1/4"	11-3/4"	11-3/4"
Weight	3.75 lbs.	4.2 lbs.	4.3 lbs.	4.3 lbs.	4.8 lbs.	4.8 lbs.
Vibration Control™	No	No	Yes	Yes	Yes	Yes
Guard	Screw Type	Screw Type	Tool Free	Tool Free	Tool Free	Tool Free

Small & Medium Angle, Tuckpointing, Concrete Surfacing

						
Item #	1803EVS	1806E	1812PSD	1821/1821D	1775E	1773AK
Classification	Small Angle Grinder	Small Angle Grinder	Small Angle Grinder	Medium Angle Grinder	Tuckpoint Grinder	Concrete Surfacing
Switch Type	Lock-on	Lock-on	Paddle	Paddle (1821D - No lock-on switch)	Lock-on	Lock-on
Amperage	9	12	10 (AC)/9 (DC)	9.5	8.5	10
No Load RPMs	2,800-11,000	9,300	9,300	11,000	11,000	11,000
Wheel Size	5"	6"	6"	5"	5"	5"
Spindle Thread	5/8"-11	5/8"-11	5/8"-11	5/8"-11	5/8"-11	5/8"-11
Epoxy Coated Field Windings	Yes	Yes	Yes	Yes	Yes	Yes
Sealed Switch	Yes	Yes	Yes	Yes	Yes	Yes
Length	11-3/4"	11-3/4"	11-3/4"	14-3/4"	11-3/4"	13-3/4"
Weight	4.5 lbs.	5 lbs.	6 lbs.	5.1 lbs.	6.4 lbs.	5.95 lbs.
Vibration Control™	Yes	Yes	Yes	Yes	No	No
Kickback Stop™	Yes	Yes	No	No	No	No
Restart Protection	Yes	Yes	No	No	No	No
Guard	Tool Free	Tool Free	Tool Free	Tool Free	Tool Free	Tool Free

Grinders and Metal Working

Grinder Quick Reference Guide



155

Large Angle

						
Item #	1853-5	1772-6	1873-8	1893-6	1974-8/1974-8D	1994-6/1994-6D
Classification	Large Angle Sander	Large Angle Grinder	Large Angle Grinder	Large Angle Grinder	Large Angle Grinder	Large Angle Grinder
Switch Type	Lock-on	Lock-on	Lock-on	Lock-on	Lock-on (1974-8D - No lock-on switch)	Lock-on (1994-6D - No lock-on switch)
Amperage	15	15	15	15	15	15
No Load RPMs	5,000	6,500	8,500	6,000	8,500	6,500
Wheel Size	7" or 9"	7"	7"	9"	7"	9"
Spindle Thread	5/8"-11	5/8"-11	5/8"-11	5/8"-11	5/8"-11	5/8"-11
Epoxy Coated Field Windings	Yes	Yes	Yes	Yes	Yes	Yes
Reinforced Armature Windings	Yes	Yes	Yes	Yes	Yes	Yes
Length	17-1/2"	17-1/2"	17-1/2"	17-1/2"	17-1/2"	17-1/2"
Weight	10.5 lbs.	11.5 lbs.	11.5 lbs.	11.9 lbs.	11.4 lbs.	11.8 lbs.
Vibration Control™	Yes – Side/Main	No	Yes – Side/Main	Yes – Side/Main	Yes – Side/Main	Yes – Side/Main
Guard	Tool Free	Tool Free	Tool Free	Tool Free	Tool Free	Tool Free

Abrasive Cutoff

			
Item #	1364	1365	3814
Classification	Abrasive Cutoff Grinder	Abrasive Cutoff Grinder	Abrasive Cutoff Saw
Switch Type	N/A	N/A	N/A
Amperage	15	15	15
No Load RPMs	5,000	4,300	3,900
Wheel Size	12"	14"	14"
Spindle Thread	5/8"-11	5/8"-11	5/8"-11
Epoxy Coated Field Windings	Yes	Yes	N/A
Reinforced Armature Windings	Yes	Yes	No
Length	24-1/2"	24-1/2"	11-1/4"
Weight	24.5 lbs.	27 lbs.	42 lbs.

Grinders and
Metal Working



Toll free: 877-BOSCH-99



BOSCH

Grinders and Metal Working

Small Angle Grinders

1375A – 4-1/2" Angle Grinder



- Lock-on/off Switch - For extended use applications
- Service Minder™ Brushes - Eliminates guesswork, stops tool when preventive maintenance is required
- Epoxy Coated Field Windings - Provides ultimate protection against abrasive dust and metal debris
- 5/8" -11 Spindle - Wide flexibility for mounting most popular accessories
- Spindle Lock - For quick wheel changes
- 2-Position Auxiliary Handle - Specifically designed and angled to a "natural" position for maximum comfort and control

Includes: Guard, Auxiliary Handle, Flange Kit (inner and outer wheel flanges), Spanner Wrench, Abrasive Wheel

1380SLIM(K) – 4-1/2" Angle Grinder



NEW



- Ergonomic "Slim" Grip - 180mm, small grip circumference for control and comfort
- Lock-on/off Switch - For extended use applications
- Service Minder™ Brushes - Eliminates guesswork, stops tool when preventive maintenance is required with removable brush covers
- Epoxy Coated Field Windings - Provides ultimate protection against abrasive dust and metal debris
- Spindle Lock - For quick wheel changes
- 2-Position Auxiliary Handle - Specifically designed and angled to a "natural" position for maximum comfort and control

Includes: Auxiliary Handle, Wheel Guard, Flange Kit, Spanner Wrench, Abrasive Wheel

1380SLIM-K also includes case

1800 – 4-1/2" Angle Grinder



Vibration Control

- Lock-on/off Switch - For extended use applications
- AC/DC Capability - Extends the versatility of the tool by working from DC outlets such as welders and generators
- 2-Position Vibration Control™ Handle - Reduces vibration up to 60%, providing uncompromising user comfort for extended periods of work
- Sealed Switch - Keeps debris out of the switch mechanism and extends switch life
- Service Minder™ Brushes - Eliminates guesswork, stops tool when preventive maintenance is required
- Epoxy Coated Field Windings

Includes: Guard, Vibration Control Auxiliary Handle, Flange Kit (inner and outer wheel flanges), Spanner Wrench, Abrasive Wheel

Specifications

Model#	Rating	Amperage	Max. Motor HP	No Load RPM	Wheel Diameter	Wire Cup Brush	Spindle Thread	Wire Wheel	Length (in.)	Weight (lbs.)
1375A	120V	6.0	1.0	11,000	4-1/2"	3"	5/8"-11	4"	10-1/2"	3.75
1380SLIM(K)	120V	7.5	1.0	11,000	4-1/2"	3"	5/8"-11	4"	11"	4.2
1800	120V AC/DC	7.5	1.1	11,000	4-1/2"	3"	5/8"-11	4"	11-1/4"	4.3



BOSCH

For more details visit
Boschtools.com



See pages 162-163,
169-178 for **grinders**
and **metal working**
accessories.

Grinders and Metal Working

Small and Medium Angle Grinders



157

1810PS(D) – 4-1/2" Paddle Switch Grinder



Vibration Control

- Lock-on/off Switch - For extended use applications
- 2-Position Vibration Control™ Side and Main Handles - Reduces vibration up to 60%, providing uncompromising user comfort for extended periods of work
- AC/DC Capability - Extends tool versatility by working from DC outlets such as welders and generators
- Service Minder™ Brushes - Eliminates guesswork, stops tool when preventive maintenance is required

Includes: Guard, Vibration Control Auxiliary Handle, Flange Kit (inner and outer wheel flanges), Spanner Wrench, Abrasive Wheel

1810PSD also features

- No Lock-on Switch - Helps prevent accidental start-ups

1811PS(D) – 5" Paddle Switch Grinder



Vibration Control

- Lock-on/off Switch - For extended use applications
- 2-Position Vibration Control™ Handle - Reduces vibration up to 60%, providing uncompromising user comfort for extended periods of work
- AC/DC Capability - Extends the versatility of the tool by working from DC outlets such as welders and generators
- Sealed Switch - Keeps debris out of the switch mechanism and extends switch life
- Service Minder™ Brushes - Eliminates guesswork, stops tool when preventive maintenance is required

Includes: Guard, Vibration Control Auxiliary Handle, Flange Kit (inner and outer wheel flanges), Spanner Wrench, Abrasive Wheel

1811PSD also features

- No Lock-on Switch - Helps prevent accidental start-ups

1801 – 5" Angle Grinder



Vibration Control

- Lock-on/off Switch - For extended use applications
- 2-Position Vibration Control™ Handle - Reduces vibration up to 60%, providing uncompromising user comfort for extended periods of work
- AC/DC Capability - Extends the versatility of the tool by working from DC outlets such as welders and generators
- Sealed Switch - Keeps debris out of the switch mechanism and extends switch life
- Service Minder™ Brushes - Eliminates guesswork, stops tool when preventive maintenance is required
- Epoxy Coated Field Windings

Includes: Guard, Vibration Control Auxiliary Handle, Flange Kit (inner and outer wheel flanges), Spanner Wrench, Abrasive Wheel

Grinders and
Metal Working

Specifications

Model#	Rating	Amperage	Max. Motor HP	No Load RPM	Wheel Diameter	Wire Cup Brush	Spindle Thread	Wire Wheel	Length (in.)	Weight (lbs.)
1810PS(D)	120V AC/DC	8.0	1.1	11,000	4-1/2"	3"	5/8"-11	4"	11-1/4"	4.3
1811PS(D)	120V AC/DC	9.0	1.8	11,000	5"	3"	5/8"-11	4"	11-3/4"	4.8
1801	120V AC/DC	9.5	1.8	11,000	5"	3"	5/8"-11	4"	11-3/4"	4.8



Grinders and Metal Working

Small and Medium Angle Grinders

1803EVS – 5" Angle Grinder (variable speed)



Vibration Control

- Variable Speed Dial - Provides the ability to adjust speed for specialty applications
- Lock-on/off Switch - For extended use applications
- 2-Position Vibration Control™ Handle - Reduces vibration up to 60%, providing uncompromising user comfort for extended periods of work
- Constant-Response™ Circuitry - Provides soft-start, maintains constant speed under load, provides overload protection
- Sealed Switch - Keeps debris out of the switch mechanism and extends switch life
- Epoxy Coated Field Windings
- Service Minder™ Brushes - Eliminates guesswork, stops tool when preventive maintenance is required

Includes: Guard, Vibration Control Auxiliary Handle, Flange Kit (inner and outer wheel flanges), Spanner Wrench, Abrasive Wheel

1821(D) – 5" Rat Tail Grinder



Vibration Control

- Powerful & Durable - For the most demanding jobs/compact and light weight for all day use
- Lock-on/off Switch - For extended use applications
- 2-Position Vibration Control™ Handle - Reduces vibration up to 60%, providing uncompromising user comfort for extended periods of work
- Comfort Grip Rear Handle Trigger
- Epoxy Coated Field Windings
- Service Minder™ Brushes - Eliminates guesswork, stops tool when preventive maintenance is required

Includes: Guard, Vibration Control Auxiliary Handle, (2) 5" Grinding Wheels, Flange Kit, Spanner Wrench

1821D also features

- No Lock-on Switch - Helps prevent accidental start-ups

1806E – 6" Angle Grinder



Vibration Control

- Lock-on/off Switch - For extended use applications
- 2-Position Vibration Control™ Handle - Reduces vibration up to 60%, providing uncompromising user comfort for extended periods of work
- Constant Response™ Circuitry - Provides soft-start, maintains constant speed under load, provides overload protection
- Sealed Switch - Keeps debris out of the switch mechanism and extends switch life
- Service Minder™ Brushes - Eliminates guesswork, stops tool when preventive maintenance is required

Includes: Guard, Vibration Control Auxiliary Handle, Flange Kit (inner and outer wheel flanges), Spanner Wrench, Abrasive Wheel, Large Backing Flange

Specifications

Model#	Rating	Amperage	Max. Motor HP	No Load RPM	Wheel Diameter	Wire Cup Brush	Spindle Thread	Wire Wheel	Length (in.)	Weight (lbs.)
1803EVS	120V AC/DC	9.0	1.8	2,800-11,000	5"	3"	5/8"-11	4"	11-1/4"	4.5
1821(D)	120V AC/DC	9.5	1.8	11,000	5"	3"	5/8"-11	4"	14-3/4"	5.1
1806E	120V	12.0	2	9,300	6"	3"	5/8"-11	4"	11-3/4"	5.0



BOSCH



For more details visit
Boschtools.com



See pages 162-163,
169-178 for **grinders**
and **metal working**
accessories.

Grinders and Metal Working

Small and Medium Angle Grinder



159

1812PSD – 6" Angle Grinder with No Lock-On Paddle Switch



Vibration Control

- No Lock-on Paddle Switch - For safety and better operator comfort and control
- Outlast the Competition - Lasts up to 5X longer than current market leader
- 2-Position Vibration Control™ Handle - Reduces vibration up to 60%, providing uncompromising user comfort for extended periods of work
- Tool-free adjustable guard - Quick guard installation and adjustments
- Epoxy Coated Field Windings - Provides ultimate protection against abrasive dust and metal debris
- Directed Air Flow - Unique design diverts dust away from switch and vital components

Includes: Vibration Control Auxiliary Handle, Wheel Guard, Type 1 Wheel Guard, Flange Kit, Large Backing Flange, Spanner Wrench, Abrasive Wheel

Impact the Job, Not Your Body

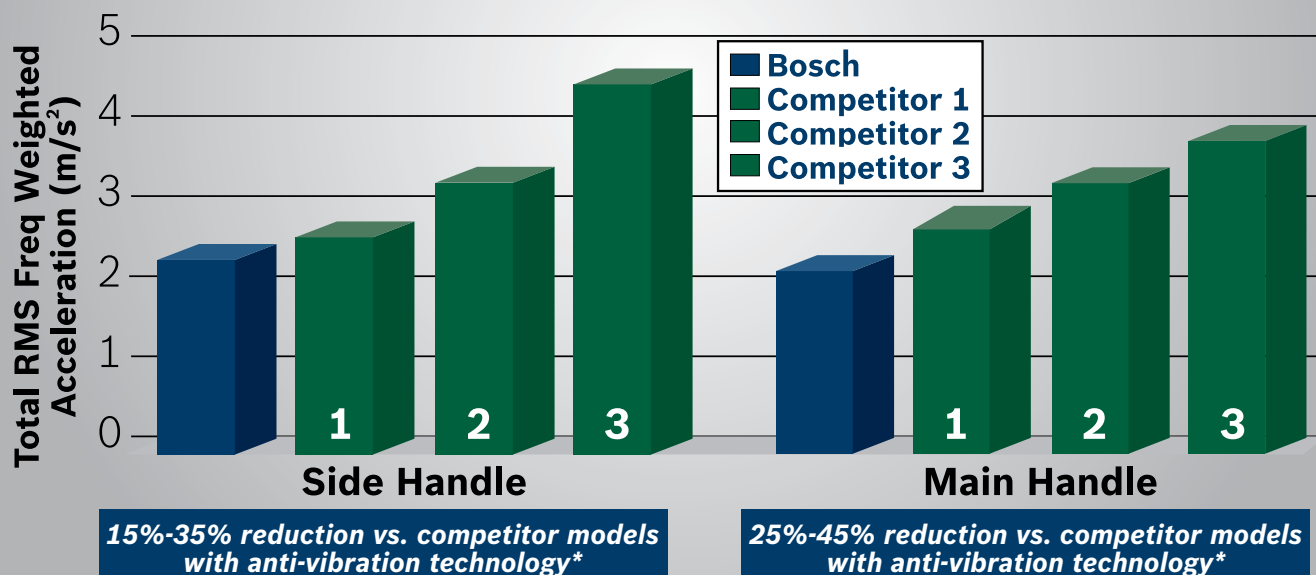
Tests show Bosch vibration levels are substantially lower than the competition!



How is Vibration Measured?

Vibration is measured on 3 axes for both the side and main handles in m/s^2 (Vibration absorbed by the body at point of contact in meters/second²)

*Certified by – an independent organization specializing in vibration testing



*7" large angle grinder testing

Specifications

Model#	Rating	Amperage	Max. Motor HP	No Load RPM	Wheel Diameter	Wire Cup Brush	Spindle Thread	Wire Wheel	Length (in.)	Weight (lbs.)
1812PSD	120V AC/DC	10.0 (AC)/9.0 (DC)	1.8	9,300	6"	3"	5/8"-11	4"	11-3/4"	4.9



Grinders and Metal Working

Large Angle Grinders

1772-6 – 7" Large Angle Grinder with Rat Tail Handle


NEW


- Lock-on/off Switch - For extended use applications
- Service Minder™ Brushes - Eliminates guesswork, stops tool when preventive maintenance is required
- 5/8" - 11 Spindle - Wide flexibility for mounting most popular accessories
- Spindle Lock - For quick wheel changes
- 3-Position Auxiliary Handle

Includes: Auxiliary Handle, 7" Wheel Guard, Backing Flange and Lock Nut Kit

1853-5 – 7"/9" Large Angle Sander*


Vibration Control

- Lock-on/off Switch - For extended use applications
- Vibration Control™ Side and Main Handles - Reduces vibration up to 60%, providing uncompromising user comfort for extended periods of work
- Metal Gear Cover - Maximum durability
- AC/DC Capability - Extends the versatility of the tool by working from DC outlets such as welders and generators
- Epoxy-coated Field Windings - Provides ultimate protection against abrasive dust and metal debris
- Precision Spiral Bevel Gears - Quality engineering and construction for smooth power transmission

Includes: Vibration Control™ Auxiliary Handle

*For grinding applications, must use appropriate guard.

1873-8 – 7" Large Angle Grinder with Rat Tail Handle


Vibration Control

- Lock-off Switch - Avoids accidental start up
- Lock-on Switch - For extended use applications
- Vibration Control™ Side and Main Handles - Reduces vibration up to 60%, providing uncompromising user comfort for extended periods of work
- AC/DC Capability - Extends tool versatility by working from DC outlets such as welders and generators
- Service Minder™ Brushes - Eliminates guesswork, stops tool when preventive maintenance is required

Includes: Vibration Control™ Auxiliary Handle, Wheel Guard

Specifications

Model#	Rating	Amperage	Max. Motor HP	No Load RPM	Wheel Diameter	Flared Cup Wheels	Spindle Thread	Wire Wheel	Length (in.)	Weight (lbs.)
1772-6	120V	15	3	6,500	7"	Up to 5	5/8"-11	Up to 5"	17-1/2"	11.5
1853-5	120VAC/DC	15	3	5,000	7" or 9"	Up to 6"	5/8"-11	Up to 6"	17-1/2"	10.5
1873-8	120VAC/DC	15	3	8,500	7"	Up to 5"	5/8"-11	Up to 5"	17-1/2"	11.5


BOSCH

For more details visit
Boschtools.com



See pages 162-163,
169-178 for **grinders**
and **metal working**
accessories.

Grinders and Metal Working

Large Angle Grinders

161

1893-6 – 9" Large Angle Grinder with Rat Tail Handle



Vibration Control

- Lock-on/off Switch - For extended use applications
- Vibration Control™ Side and Main Handles - Reduces vibration up to 60%, providing uncompromising user comfort for extended periods of work
- AC/DC capability - Extends tool versatility by working from DC outlets such as welders and generators
- Service Minder™ Brushes - Eliminates guesswork, stops tool when preventive maintenance is required
- 5/8" - 11 Spindle - Wide flexibility for mounting most popular accessories
- Spindle Lock - For quick wheel changes

Includes: Vibration Control™ Auxiliary Handle, 9" Wheel Guard, Backing Flange and Lock Nut Kit

1974-8(D) – 7" High Performance Large Angle Grinder (No Lock-on)



NEW



Vibration Control

- Light Weight - Reduces fatigue and uncompromising user comfort during extended periods of work
- Vibration Control™ Side and Main Handles - Reduces vibration up to 60%, providing uncompromising user comfort for extended periods of work
- Quick Adjust Guard System - Quickly adjusts and locks in place for added protection
- Epoxy Coated Field Windings - Provides ultimate protection against abrasive dust and metal debris
- Service Minder™ Brushes - Eliminates guesswork, stops tool when preventive maintenance is required
- Tri-Control Switch Design - Helps prevent accidental start-ups

Includes: Vibration Control Auxiliary Handle, Quick Adjust Wheel Guard, Grinding Wheel Flange Kit, Spanner Wrench

1974-8D also features

- No Lock-on Switch - Helps prevent accidental start-ups

1994-6(D) – 9" High Performance Large Angle Grinder (No Lock-on)



NEW



Vibration Control

- Light Weight - Reduces fatigue and uncompromising user comfort during extended periods of work
- Vibration Control™ Side and Main Handles - Reduces vibration up to 60%, providing uncompromising user comfort for extended periods of work
- Quick Adjust Guard System - Quickly adjusts and locks in place for added protection
- Epoxy Coated Field Windings - Provides ultimate protection against abrasive dust and metal debris
- Service Minder™ Brushes - Eliminates guesswork, stops tool when preventive maintenance is required
- Tri-Control Switch Design - Helps prevent accidental start-ups

Includes: Vibration Control Auxiliary Handle, Quick Adjust Wheel Guard, Grinding Wheel Flange Kit, Spanner Wrench

1994-6D also features

- No Lock-on Switch - Helps prevent accidental start-ups

Specifications

Model#	Rating	Amperage	Max. Motor HP	No Load RPM	Wheel Diameter	Flared Cup Wheels	Spindle Thread	Wire Wheel	Length (in.)	Weight (lbs.)
1893-6	120V AC/DC	15	3	6,000	9"	Up to 5"	5/8"-11	Up to 5"	17-1/2"	11.9
1974-8(D)	120V AC/DC	15	4	8,500	7"	Up to 5"	5/8"-11	Up to 5"	17-1/2"	11.4
1994-6(D)	120V AC/DC	15	4	6,500	9"	Up to 5"	5/8"-11	Up to 5"	17-1/2"	11.8



Grinders and Metal Working

Angle Grinder Combo Kits and Attachments

18DC-4K – 4-1/2" Concrete Cutting Kit

**NEW****Vibration Control**

- 1800 4-1/2" Grinder - Powerful 7.5 amp motor and vibration control technology
- 18DC-5E Dust Guard - Provides effective dust containment and features adjustable depth control
- DB4542 Turbo Diamond Blade - Delivers increased cutting speed and blade life
- Reduces dust clean up when used with a compatible vacuum such as the Bosch 3931A

Includes: 1800 120V 4.5" Angle Grinder, Grinding Wheel, Flange Set, Spanner Wrench, Vibration Control Side Handle, 18DC-5E 4.5" Dust Collection Cutoff Guard, DB4542 4.5" Turbo Diamond Blade, Carry Bag

18SG-5K – 5" Concrete Cutting Kit

**NEW****Vibration Control**

- 1821 5 in. Rat Tail Grinder - Powerful & Durable - For the most demanding jobs/compact and light weight for all day use
- 18SG-5E Dust Guard - Provides effective dust containment and features a removable nose piece for flush surfacing
- DC510 Diamond Cup - Designed for fast grinding of thick concrete layers
- Reduces dust clean up and health hazards when used with a compatible vacuum such as the Bosch 3931A

Includes: 1821 120V 5" Angle Grinder, Grinding Wheel, Flange Set, Spanner Wrench, Vibration Control Side Handle, 18SG-5E Surface Grinding Dust Guard, DC510 5" Diamond Cup Wheel

Grinder Attachments

4", 4-1/2", 5" Concrete Surfacing Attachments

- Dust Collection - Reduces clean-up time and provides cleaner, safer air for user
- Removable Nose Piece - Quickly removes for flush surfacing
- Replaceable Brush Ring - Low cost maintenance vs. competition
- Bosch AIRSWEEP™ Vacuum Compatible - Plug and play without using adaptors



Item #	Description
18SG-5E	For use with 1800, 1801, 1803EVS, 1806E (only 4-5" wheels), 1810PS, 1810PSD, 1811PS, 1811PSD, 1821 & 1821D

7" Concrete Surfacing Attachment

- Dust Collection - Reduces clean-up time and provides cleaner, safer air for user
- Removable Nose Piece - Quickly removes for flush surfacing
- Replaceable Brush Ring - Low cost maintenance vs. competition
- Bosch AIRSWEEP™ Vacuum Compatible - Plug and play without using adaptors



Item #	Description
18SG-7	For use with 1853-5, 1853-6, 1873-6, 1873-8, 1873-8D, 1893-6 & 1893-6D (only with 7" wheel), 1894-6 & 1894-6D (only with 7" wheel)

Dust Collection Attachment

- Dust Collection - Reduces clean-up time and provides cleaner, safer air for user
- Large, Durable Foot Plate - Greatly increases stability during use for clean and accurate cuts
- Single Screw Depth Adjustments - Quickly adjusts and maintains desired depth of cut
- Bosch AIRSWEEP™ Vacuum Compatible - Plug and play without using adaptors



Item #	Description
18DC-5E	Compatible with all 1800 series 4-1/2" & 5" Small Angle Grinders (1800, 1801, 1803EVS, 1810PS, 1810PSD, 1811PS, 1811PSD, 1821 & 1821D)
18DC-6E	Compatible with all 1800 series 6" Small Angle Grinders (1806E)
13DC-45	Compatible with 1375A
19DC-7	Compatible with 1974-8
19DC-9	Compatible with 1997-6

Cutting Guards

- Covers 180° of Grinding Disk
- Burst Wheel Proof Design - Contains wheel fragments in event of breakage



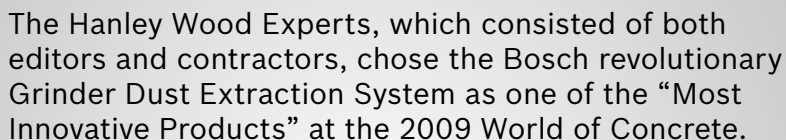
Item #	Description
18CG-45E	Compatible with all 1800 series 4-1/2" Small Angle Grinders (1800, 1810PS & 1810PSD)
18CG-5E	Compatible with all 1800 series 5" Small Angle Grinders (1801, 1803EVS, 1811PS, 1811PSD, 1821, 1821D, 1824E, 1824ED)
18CG-6E	Compatible with all 1800 series 6" Small Angle Grinders (1806E)
13CG-45	Compatible with 1375A and 1380SLIM
19CG-7	Compatible with 1974-8
19CG-9	Compatible with 1994-6

**BOSCH**

For more details visit
Boschtools.com



See pages 162-163,
169-178 for **grinders**
and **metal working**
accessories.



◆ Can also be used with 18SG-5E if 5" disc is used.

Grinders and Metal Working

Surfacing and Tuckpoint Grinders

1773AK – 5" Concrete Surfacing Grinder

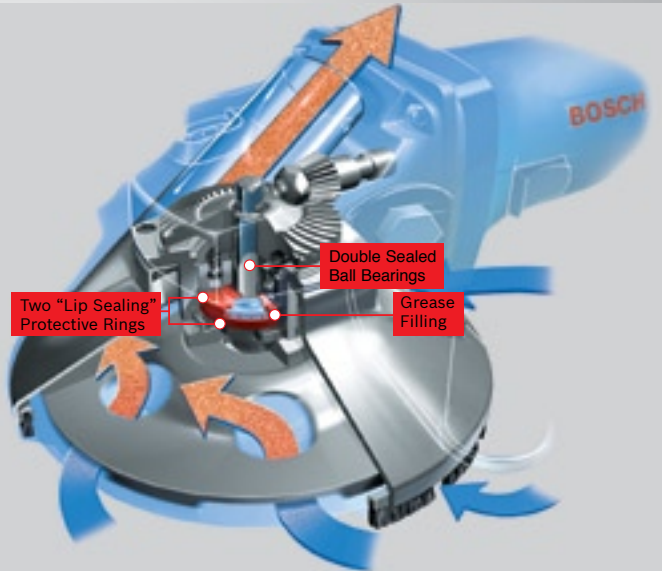


- Lock-on/off Switch - For extended use applications
 - Double Sealed Ball Bearings and Two "Lip-sealing" Protective Rings - Added protection against dust contamination
 - Constant-Response™ Circuitry - Provides soft-start, maintains constant speed under load, provides overload protection
 - Automatic Restart Protection - Protects against automatic restart after a power failure. Ensures that tool is intentionally powered on each time.
 - Sealed Switch - Keeps debris out of the switch mechanism and extends switch life
 - Service Minder™ Brushes
- Includes:** Auxiliary Handle, Flange Kit, Spanner Wrench, 5" Diamond Cup Wheel, Vacuum Adapter, 3 Extra Brush Rings, Carrying Case

Exclusive Dust Protection System



This concrete grinder comes equipped with the Bosch exclusive dust-proof system for a longer operational life than ever before. Epoxy coated field windings ensure motor endurance. Perfectly suited to the building trades, especially for refurbishing and de-burring exposed concrete, the concrete surfacing grinder is also ideal for removing irregularities, formwork seams, and protrusions. When smoothing floor pavement, removing graffiti and weather worn paint, and cleaning concrete surfaces before protective paint finishes are applied, this grinder will get the job done right.



1775E – 5" Tuckpoint Grinder



- Specially Designed Guard System - For tuckpointing applications with dust extraction. Meets and exceeds UL®, OSHA and NIOSH standards
 - Dust Extraction Port - Results in cleaner job when used with provided vacuum adapter VAC002
 - Large Viewing Window - Provides the ability to view working area for better control and accuracy
 - Variable Depth Adjustment - Allows spring loaded guard to be adjusted to desired depth while springing back over tuckpointing wheel for added protection
 - Tool-free Blade Access - Allows quick access for wheel changes
- Includes:** Tuckpointing Guard, Inner Flange, Outer Flange, Auxiliary Handle, Spanner Wrench, Hex Key Wrench, 5" Tuckpointing Wheel, Vacuum Adapter

Specifications

Model#	Rating	Amperage	No Load RPM	Wheel Diameter	Spindle Thread	Depth of Cut - 4" Wheel	Depth of Cut - 5" Wheel	Wheel Type	Length (in.)	Weight (lbs.)
1773AK	120V AC	10	11,000	5"	5/8"-11	N/A	N/A	Diamond Cup Wheel	13.75"	5.95
1775E	120V AC	8.5	11,000	4" or 5"	5/8"-11	0 to .75"	0 to 1.25"	Diamond Tuckpointing Wheel	11.25"	6.4

Grinders and Metal Working

Cutoff Grinders and Saw

165

1364(K) – 12" Abrasive Cutoff Grinder

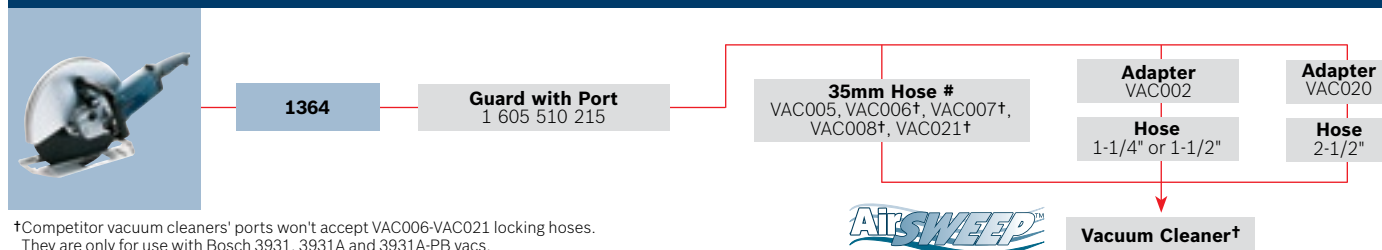


- Natural Debris Removal - Wheel rotation carries sparks, dust and debris away from the operator
- AC/DC Capability - Extends the versatility of the tool by working from DC outlets such as welders and generators
- Reinforced Armature Windings - Protects motor against abrasive dust and metal debris
- Service Minder™ Brushes - Eliminate guesswork, stops the tool when preventative maintenance is required

Includes: Wrap Around Side Handle, Wheel Guard, Adjustable Footplate, Inside Flange, 7/8" Arbor Locking Nut, 1" Arbor Locking Nut, 3/8" Allen Wrench, Outside Flange

1364K also includes case

Abrasive Cut-off Machine Dust Extraction Compatibility Chart



1365(K) – 14" Abrasive Cutoff Grinder



- Natural Debris Removal - Wheel rotation carries sparks, dust and debris away from the operator
- AC/DC Capability - Extends the versatility of the tool by working from DC outlets such as welders and generators
- Reinforced Armature Windings - Protects motor against abrasive dust and metal debris
- Service Minder™ Brushes - Eliminate guesswork, stops the tool when preventative maintenance is required

Includes: Auxiliary Handle, Wheel Guard, Adjustable Footplate, Inside Flange, 7/8" Arbor Locking Nut, 1" Arbor Locking Nut, 3/8" Allen Wrench, Outside Flange

3814 – 14" Benchtop Abrasive Cutoff Saw



- Superior Motor Insulation - Extra motor over-load protection during tough applications
- Locking Vise with Quick-Release - Holds awkward material stable for fast and efficient cutting
- Adjustable Fence - Adjusts for bevel cuts ranging from 0-45°
- Trigger with Lock-on - For extended use applications
- Spindle Lock - For quick wheel changes
- Ball and Roller Bearing Construction - Smooth power transmission and extended tool life
- Adjustable Depth Stop - Takes the guesswork out of cutting specific depths
- Precision Helical Steel Gears

Includes: Wrench, 36 Grit Aluminum Wheel

Specifications

Model#	Rating	Amperage	Max. Motor HP	No Load RPM	Wheel Diameter	Depth of Cut	Spindle Thread	Arbor Size	Max. Cutting Capacity Pipe (in.)	Max. Cutting Capacity Square Stock (in.)	Length (in.)	Weight (lbs.)
1364(K)	120V AC/DC	15.0	4.7	5,000	12"	3-7/8"	5/8"-11	1"	N/A	N/A	24-1/2"	24-1/2
1365	120V AC/DC	15.0	4.7	4,300	14"	4-7/8"	5/8"-11	1"	N/A	N/A	24-1/2"	27
3814	120V AC	15.0	4.0	3,900	14"	6"	5/8"	1"	5"	4"	11-1/4"	42



See pages 169-178 for
grinders and metal
working accessories.



Toll free: **877-BOSCH-99**



BOSCH

Grinders and Metal Working

Die Grinders and Gauge Shear

1210 – Utility Die Grinder



- Lock-on/off Switch - For extended use applications
- 43 mm Flange Diameter

Includes: 1/4" Collect, Wrench, Shaft Lock Pin

1215 – Die Grinder



- Lock-on/off Switch - For extended use applications
- Compact Design - Slim tool housing comfortably fits in the hand
- Metal Gear Housing - Withstands job-site abuse
- 4" Spindle Length - Designed for interior die grinding
- 35 mm Flange Diameter

Includes: 1/4" Collet

1209 – Die Grinder



- Metal Gear Housing - Withstands job-site abuse
- AC/DC Capability - Extends the versatility of the tool by working from DC outlets such as welders and generators
- Trigger Bar with Lock Off Switch - More control plus ease of use during demanding jobs

Includes: 1/4" Collect, 22mm Wrench, 14mm Wrench

1521 – 16 Gauge Shear



- Lock-on/off Switch - For extended use applications
- Compact Design - Slim tool housing comfortably fits in the hand
- Reversible Side Blades - For extended blade life
- Cutting Blade Changes Quickly and Without Tool - For convenience
- Fast Cutting Mechanism Cuts at 28 feet/minute
- Epoxy Coated Field Windings - Provides ultimate protection against metal debris
- Sealed Switch - Keeps debris out of the switch mechanism and extends switch life

Includes: Cutting Blade 16 Gauge, Allen Wrench 2.5mm, Stationary Blade Set

Specifications

Model#	Rating	Amperage	Cutting Capacity Aluminum	Cutting Capacity Mild Steel	Cutting Capacity Stainless Steel	Curve Cutting - Minimum Radius	No Load SPM	No Load RPM	Collet Capacity	Mounted Point	Polishing Wheel	Length (in.)	Weight (lbs.)
1210	120V AC	4.6	N/A	N/A	N/A	N/A	N/A	27,000	1/8"-1/4"	Up to 1" Dia.	Up to 2" Dia	9.4"	3.25
1215	120V AC	4.6	N/A	N/A	N/A	N/A	N/A	27,000	1/8"-1/4"	Up to 1" Dia.	Up to 2" Dia	13"	3.2
1209	120V AC/DC	8.4	N/A	N/A	N/A	N/A	N/A	16,000	1/4"	Up to 2" Dia.	Up to 2" Dia	21"	6.6
1521	120V AC	4.2	14 ga. (.075")	16 ga. (.060")	20 ga. (.036")	1/4"	5,000	N/A	N/A	N/A	N/A	11-3/4"	4.2



BOSCH



For more details visit
Boschtools.com

Grinders and Metal Working

Gauge Shears and Gauge Nibbler



167

1500C – 16 Gauge Shear



Unishear®

- Lock-on/off Switch - For extended use applications
- Steel Deflector - For hand protection
- Compact Design - Slim tool housing comfortably fits in the hand
- Low Vibration - For operator comfort
- Visible Blade Allows Precise Pattern Cutting - extends blade life
- Easy Blade Adjustment When Switching Material Thickness
- Epoxy Coated Field Windings - Provides ultimate protection against metal debris
- Sealed Switch - Keeps debris out of the switch mechanism and extends switch life

Includes: Blade Set, Feeler Gauge, Allen Wrench 3mm, Steel Deflector

1506 – 14 Gauge Shear



Unishear®

- Planetary Gear Drive - More power per pound
- Upper Blade Is Double-edged - When first edge is worn, simply reverse blade
- Mushroom Top Handle - For extra control under heavy cutting loads easily removed for cutting in confined areas
- Lightweight and Well Balanced - For excellent control
- Low Vibration - For operator comfort
- Visible Blade - Allows precise pattern cutting
- Easy Blade Adjustment When Switching Material Thickness

Includes: Upper/Lower Blade Set, 5mm Allen Wrench

1529B – 18 Gauge Nibbler



- Unique Cutting Head Design - For multiple types of corrugated steel
- Ejects Chips Downward Away from Operator and Workpiece - For operator safety
- Paddle Switch with Lock-on - For better operator comfort and control
- Compact Design - Slim tool housing comfortably fits in the hand
- 3-Position Head Cuts Forward, Left and Right
- Easy Replacement of Cutting Die and Punch
- Flat Stock, Corrugated, Trapezoidal or Full Square Stock - All cut efficiently
- Small Gear Head - Allows cutting in confined areas
- No Adjustment Required When Switching Material Thickness

Includes: Die, Punch, 26 Gauge Die

Specifications

Model#	Rating	Amperage	Cutting Capacity Most Aluminum	Cutting Capacity Mild Steel	Cutting Capacity Stainless Steel	Curve Cutting - Minimum Radius	Cutting Radius	No Load SPM	Cutting Width	Length (in.)	Weight (lbs.)
1500C	120V AC	4.2	14 ga. (.075")	16 ga. (.060")	20 ga. (.036")	7/8"	N/A	5,000	N/A	7-1/2"	4.6
1506	120V AC	4.6	.105"	14 (.075")	16 (.060")	3/4"	N/A	2,400	N/A	10-1/4"	6
1529B	120V AC	3.2	.080"	18 ga. (.048")	20 ga. (.036")	N/A	1-9/16"	2,500	.200" (5mm)	11-1/4"	3.9



Grinders and Metal Working

Gauge Nibblers

1529B – 18 Gauge Nibbler



- Unique Cutting Head Design - For multiple types of corrugated steel
 - Ejects Chips Downward Away from Operator and Workpiece - For operator safety
 - Paddle Switch with Lock-on - For better operator comfort and control
 - Compact Design - Slim tool housing comfortably fits in the hand
 - 3-Position Head Cuts Forward, Left and Right
 - Easy Replacement of Cutting Die and Punch
 - Flat Stock, Corrugated, Trapezoidal or Full Square Stock - All cut efficiently
 - Small Gear Head - Allows cutting in confined areas
 - No Adjustment Required When Switching Material Thickness
- Includes:** Die, Punch, 26 Gauge Die

1534 – 16 Gauge Nibbler



- Punch is Resharpenable - For extended life
 - Ejects Chips Downward - Away from workpiece and operator
 - Lightweight and Portable
 - 3-Position Head cuts Forward, Left and Right
 - Flat Stock, Corrugated, Trapezoidal or Full Square Stock - all cut efficiently
 - No Adjustment Required When Switching Material Thickness
 - Small Gear Head - Allows cutting in confined areas
- Includes:** Die, Punch

1530 – 14 Gauge Nibbler



- Burr-free Edges - No finishing
 - Full Swivel Die Available - For cutting in all directions
 - Corrugated, Trapezoidal or Full Square Stock - All cut efficiently with a simple cutter change
 - Small Gear Head - Allows cutting in confined areas
 - No Adjustment Required When Switching Material Thickness
 - Worn Cutters Are Changed in Minutes with Adjustable Wrench
- Includes:** Die, Punch

Specifications

Model#	Rating	Amperage	Cutting Capacity Most Aluminum	Cutting Capacity Mild Steel	Cutting Capacity Stainless Steel	Cutting Radius	No Load SPM	Cutting Width	Length (in.)	Weight (lbs.)
1529B	120V AC	3.2	.080"	18 ga. (.048")	20 ga. (.036")	1-9/16"	2,500	.200" (5mm)	11-1/4"	3.9
1534	120V AC	5	.100"	16 ga. (.060")	18 ga. (.048")	2"	1,700	.200" (5mm)	10-1/2"	4.6
1530	120V AC	4.6	.100"	14 ga. (.075")	16 ga. (.066")	1-3/16"	2,400	15/64" (6mm)	10-1/4"	4.6



BOSCH

For more details visit
Boschtools.com

Bosch Bonded Abrasives



While some manufacturers use recycled grains, Bosch uses only superior virgin grains made to exact specifications. The chemical structure of the grains determines the physical properties (i.e. shape, sharpness, hardness, friability). Common grain types used include:

Aluminum Oxide - A tough, blocky shaped grain used for cutting metals and other high tensile strength materials without excessive fracturing.

Silicon Carbide - A very hard and very sharp abrasive suited for non-metallic materials such as concrete.

Aluminum Zirconium - A very fine, dense crystalline grain which can be used for rugged stock removal.

Seeded Gel - A very fine, dense crystalline grain which can be used for rugged stock removal.

Type 1A (ISO 41) CUTTING	Type 27A CUTTING	Type 27 BLENDING GRINDING	Type 28 GRINDING	Type 29 BLENDING GRINDING	Type 11 GRINDING
Straight Wheel	Depressed Center Wheel	Depressed Center Wheel	Saucer-shaped Wheel	Flexible Wheel Flap Disc	Flared Cup Wheel
Type 1A (ISO 41) Used at a 90° angle. For Cutting Only, No Grinding	Type 27A Used at a 90° angle for light cut-off work.	Type 27 For use on flat surfaces for weld prep. Best used at a 30° angle. No Cutting	Type 28 For weld preparation and surface de-burring. Best used at a 15° angle.	Type 29 For blending and stock removal on uneven surfaces. Best used at a 10° angle.	Type 11 Steel- Concrete For removing excess material on large flat surfaces. Best used flat with work surface.

Color-Coded System

Metal/ General Purpose	Stainless	Concrete/ Masonry	Pipeline	Asphalt	Aluminum
------------------------	-----------	-------------------	----------	---------	----------

Grinding Accessories

Angle Grinders

Grinding Wheels for Angle Grinders



Type 27



Item #	Diameter	Arbor	Max. RPM	
Long Life Metal Grinding				
GW27LM450	4-1/2" x 1/4"	7/8"	13,280	30 Grit Aluminum Zirconium Grain
GW27LM451	4-1/2" x 1/4"	5/8"-11	13,280	
GW27LM500	5" x 1/4"	7/8"	12,200	
GW27LM600	6" x 1/4"	7/8"	10,200	
GW27LM700	7" x 1/4"	7/8"	8,600	
GW27LM701	7" x 1/4"	5/8"-11	8,600	
GW27LM900	9" x 1/4"	7/8"	6,600	
Metal Grinding				
GW27M400	4" x 1/4"	5/8"	15,250	30 Grit Aluminum Oxide Grain
GW27M450	4-1/2" x 1/4"	7/8"	13,280	
GW27M451	4-1/2" x 1/4"	5/8"-11	13,280	
GW27M500	5" x 1/4"	7/8"	12,200	
GW27M501	5" x 1/4"	5/8"-11	12,200	
GW27M600	6" x 1/4"	7/8"	10,200	
GW27M601	6" x 1/4"	5/8"-11	10,200	
GW27M700	7" x 1/4"	7/8"	8,600	
GW27M701	7" x 1/4"	5/8"-11	8,600	
GW27M900	9" x 1/4"	7/8"	6,600	
GW27M901	9" x 1/4"	5/8"-11	6,600	
Stainless / Metal Grinding				
GW27S500	5" x 1/4"	7/8"	12,200	30 Grit Aluminum Oxide Special Grain
GW27S600	6" x 1/4"	7/8"	10,200	
GW27S700	7" x 1/4"	7/8"	8,600	
GW27S900	9" x 1/4"	7/8"	6,600	
Aluminum Grinding				
GW27AL450	4-1/2" x 1/4"	7/8"	13,280	46 Grit Aluminum Oxide Special Grain
GW27AL451	4-1/2" x 1/4"	5/8"-11	13,280	
GW27AL500	5" x 1/4"	7/8"	12,200	
GW27AL501	5" x 1/4"	5/8"-11	12,200	
GW27AL700	7" x 1/4"	7/8"	8,600	
Concrete / Masonry Grinding				
GW27C450	4-1/2" x 1/4"	7/8"	13,280	30 Grit Silicon Carbide Special Grain
GW27C451	4-1/2" x 1/4"	5/8"-11	13,280	
GW27C500	5" x 1/4"	7/8"	12,200	
GW27C501	5" x 1/4"	5/8"-11	12,200	
GW27C600	6" x 1/4"	7/8"	10,200	
GW27C700	7" x 1/4"	7/8"	8,600	
GW27C701	7" x 1/4"	5/8"-11	8,600	
GW27C901	9" x 1/4"	5/8"-11	6,600	



Type 28



Item #	Diameter	Arbor	Max. RPM	
Metal Grinding				
GW28M700	7" x 1/4"	7/8"	8,600	30 Grit Aluminum Oxide Special Grain
GW28M900	9" x 1/4"	7/8"	6,600	
Concrete / Masonry Grinding				
GW28C900	9" x 1/4"	7/8"	6,600	30 Grit Silicon Carbide Special Grain

Grinding and Cutting Wheels for Angle Grinders



Type 27



Item #	Diameter	Arbor	Max. RPM	
Long Life Light Grinding / Metal Cutting				
CG27LM450	4-1/2" x 1/8"	7/8"	13,280	30 Grit Aluminum Zirconium Grain
CG27LM601	6" x 1/8"	5/8"-11	10,200	
CG27LM701	7" x 1/8"	5/8"-11	8,600	
CG27LM900	9" x 1/8"	7/8"	6,600	
Light Grinding / Metal Cutting				
CG27M400	4" x 3/32"	5/8"	15,250	24 Grit Aluminum Oxide Grain
CG27M450	4-1/2" x 3/32"	7/8"	13,280	
CG27M451	4-1/2" x 3/32"	5/8"-11	13,280	
CG27M500	5" x 3/32"	7/8"	12,200	
CG27M701	7" x 1/8"	5/8"-11	8,600	
CG27M901	9" x 1/8"	5/8"-11	6,600	
Stainless / Light Grinding / Metal Cutting				
CG27S450	4-1/2" x 3/32"	7/8"	13,280	30 Grit Aluminum Oxide Special Grain
CG27P450	4-1/2" x 5/32"	7/8"	13,280	30 Grit Aluminum Oxide Grain
CG27P600	6" x 5/32"	7/8"	10,200	
CG27P701	7" x 5/32"	5/8"-11	8,600	
CG27P900	9" x 5/32"	7/8"	6,600	
Concrete / Light Grinding / Masonry Cutting				
CG27C450	4-1/2" x 3/32"	7/8"	13,280	24 Grit Silicon Carbide Grain
CG27C701	7" x 1/8"	5/8"-11	8,600	

Thin Cutting Wheels for Angle Grinders



Type 27A



Item #	Diameter	Arbor	Max. RPM	
Metal / Stainless Steel Cutting				
TCW27S400	4" x .040"	5/8"	15,250	60 Grit Aluminum Oxide Special Grain
TCW27S450	4-1/2" x .040"	7/8"	13,280	
TCW27S500	5" x .040"	7/8"	12,200	
TCW27S600	6" x 1/16"	7/8"	10,200	46 Grit Aluminum Oxide Special Grain
TCW27S700	7" x 1/16"	7/8"	8,600	
TCW27S900	9" x 5/64"	7/8"	6,600	
Concrete / Masonry Cutting				
TCW27C400	4" x .045"	5/8"	15,250	60 Grit Silicon Carbide Grain
TCW27C450	4-1/2" x .045"	7/8"	13,280	
TCW27C500	5" x .045"	7/8"	12,200	


BOSCH

For more details visit
Boschtools.com

Grinding Accessories

Circular Saws/Cutoff Machines/Portable Saws

171

Thin Cutting Wheels for Angle Grinders

RAPIDO

Type 1A



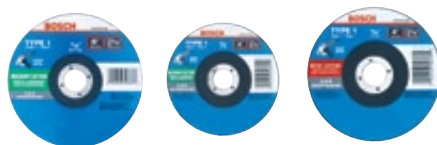
Item #	Diameter	Arbor	Max. RPM	
Metal / Stainless Steel Cutting				
TCW1S400	4" x .040"	5/8"	15,250	60 Grit Aluminum Oxide Special Grain
TCW1S450	4-1/2" x .040"	7/8"	13,280	
TCW1S500	5" x .040"	7/8"	12,200	
TCW1S6XT	6" x .040"	7/8"	10,200	
TCW1S600	6" x 1/16"	7/8"	10,200	46 Grit Aluminum Oxide Special Grain

Masonry Cutting

Item #	Diameter	Arbor	Max. RPM	
TCW1C400	4" x .045"	5/8"	15,250	60 Grit Silicon Carbide Grain
TCW1C450	4-1/2" x .045"	7/8"	13,280	
TCW1C500	5" x .045"	7/8"	12,200	

Cutting Wheels for Angle Grinders

Type 1A



Item #	Diameter	Arbor	Max. RPM	
Metal Cutting				
CW1M400	4" x 3/32"	5/8"	15,250	24 Grit Aluminum Oxide Grain
CW1M450	4-1/2" x 3/32"	7/8"	13,280	
CW1M500	5" x 3/32"	7/8"	12,200	
CW1M600	6" x 3/32"	7/8"	10,200	
Masonry Cutting				
CW1C400	4" x 3/32"	5/8"	15,250	24 Grit Silicon Carbide Grain
CW1C450	4-1/2" x 3/32"	7/8"	13,280	
CW1C500	5" x 3/32"	7/8"	12,200	

Cutting Wheels for Cutoff Machines

Type 1A



Item #	Diameter	Arbor	Max. RPM	
Metal Cutting				
CWCS1M1000	10" x 1/8"	5/8"	6,100	24 Grit Aluminum Oxide Grain
CWCS1M1200	12" x 7/64"	1"	5,100	
CWCS1M1400	14" x 1/8"	1"	4,400	
Stud Cutting, Stainless Steel				
CWCS1M14SC	14" x 3/32"	1"	4,400	36 Grit Aluminum Oxide Grain
Stainless Steel, Ferrous Metals				
CWCS1S1200	12" x 7/64"	1"	6,400	36 Grit Aluminum Oxide Grain

Cutting Wheels for Circular Saws



Type 1A

Item #	Diameter	Arbor	Max. RPM	
Metal Cutting				
CC1M700	7" x 1/8"	5/8" ◇	8,600	24 Grit Aluminum Oxide Grain
Multi-Material Cutting				
CC1MC700	7" x 1/8"	5/8" ◇	8,600	30 Grit Aluminum Oxide and Silicon Carbide Blended Grain
Stainless / Metal Cutting				
CC1S700	7" x 1/8"	5/8" ◇	8,600	30 Grit Aluminum Oxide Special Grain
Concrete / Masonry Cutting				
CC1C700	7" x 1/8"	5/8" ◇	8,600	24 Grit Silicon Carbide Grain

Cutting Wheels for Portable Saws

Type 1A



Item #	Diameter	Arbor	Max. RPM	
Metal Cutting				
CWPS1M1200	12" x 5/32"	1"	6,400	24 Grit Aluminum Oxide Grain
CWPS1M1220	12" x 5/32"	20 mm for Stihl	6,400	
CWPS1M1400	14" x 5/32"	1"	5,500	
CWPS1M1420	14" x 5/32"	20 mm for Stihl	5,500	
Ductile Iron Cutting				
CWPS1D1200	12" x 5/32"	1"	6,400	24 Grit Aluminum Oxide Blended Grain
CWPS1D1220	12" x 5/32"	20 mm for Stihl	6,400	
CWPS1D1400	14" x 5/32"	1"	5,500	
CWPS1D1420	14" x 5/32"	20 mm for Stihl	5,500	
Concrete / Masonry Cutting				
CWPS1C1200	12" x 5/32"	1"	6,400	24 Grit Silicon Carbide Grain
CWPS1C1220	12" x 5/32"	20 mm for Stihl	6,400	
CWPS1C1400	14" x 5/32"	1"	5,500	
CWPS1C1420	14" x 5/32"	20 mm for Stihl	5,500	
Asphalt / Green Concrete Cutting				
CWPS1A1200	12" x 5/32"	1"	6,400	30 Grit Silicon Carbide Grain
CWPS1A1220	12" x 5/32"	20 mm for Stihl	6,400	
CWPS1A1400	14" x 5/32"	1"	5,500	
CWPS1A1420	14" x 5/32"	20 mm for Stihl	5,500	



Grinding Accessories

Stationary Saws/Cup Wheels/Discs

Cutting Wheels for Stationary Saws



Type 1A



Item #	Diameter	Arbor	Max. RPM	
Metal Cutting				
CSS1M1200	12" x 1/8"	1"	6,400	30 Grit Aluminum Oxide Grain
CSS1M1400	14" x 1/8"	1"	5,500	
Concrete / Masonry Cutting				
CSS1C1200	12" x 1/8"	1"	6,400	24 Grit Aluminum Oxide Special Grain

Cutting Wheels for Die/Straight Grinders



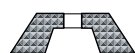
Type 1A



Item #	Diameter	Arbor	Max. RPM	
Metal / Stainless Steel Cutting				
CWDG1M311	3" x .045"	1/4"	24,400	46 Grit Aluminum Oxide Special Grain
CWDG1M313	3" x .045"	3/8"	24,400	
CWDG1M303	3" x 1/16"	3/8"	24,400	
CWDG1M403	4" x 1/16"	3/8"	19,000	
CWDG1M415	4" x .045"	5/8"	19,000	

NOTE: Diameters greater than 2" require guards and must be used on straight grinders.

Abrasive Cup Wheels



Type 11



For large angle grinders

Item #	Diameter	Arbor	Max. RPM	
Metal Grinding / Heavy Duty Stock Removal				
FCW11M401	4" x 2"	5/8"-11	9,000	16 Grit Aluminum Oxide Grain
FCW11M501	5" x 2"	5/8"-11	7,200	
FCW11M601	6" x 2"	5/8"-11	6,000	
Concrete / Masonry Grinding				
FCW11C401	4" x 2"	5/8"-11	9,000	16 Grit Silicon Carbide Grain
FCW11C501	5" x 2"	5/8"-11	7,200	
FCW11C601	6" x 2"	5/8"-11	6,000	

Flap Discs



Type 29



Item #	Diameter	Arbor	Max. RPM	Grit
Metal Blending and Grinding				
FD2940060	4"	5/8"	15,250	Z 60 grit
FD2945040	4-1/2"	7/8"	13,280	Z 40 grit
FD2945060	4-1/2"	7/8"	13,280	Z 60 grit
FD2945080	4-1/2"	7/8"	13,280	Z 80 grit
FD29450120	4-1/2"	7/8"	13,280	Z 120 grit
FD2945160	4-1/2"	5/8"-11	13,280	Z 60 grit
FD2960060	6"	7/8"	10,200	Z 60 grit
FD2960080	6"	7/8"	10,200	Z 80 grit

Z=Aluminium Zirconium

Angle Grinder Accessories

Wool Bonnet

The wool bonnet is suitable for dry polishing and resists tearing and humidity.



Item #	Description	Diameter	Max. RPM
1608610000	Wool Bonnett	7"	2,000

Backing Pads



Item #	Description	Overall Diameter	Arbor	Max RPM
MG0450	Backing pad with nut	4-1/2"	5/8"-11	12,500
MG0500	Backing pad with nut	5"	5/8"-11	11,500
BP700	Sanding backing pad assembly	7"	5/8"-11	8,500
BP900	Sanding backing pad assembly	9"	5/8"-11	6,500

Cup Wheel Guards

Cup wheel guards are for use with large grinders only when using Type 11 flared cup wheels.

Item #	For Use With
T3004	Type 11 4" Flared cup wheel
T3005	Type 11 5" Flared cup wheel
T3006	Type 11 6" Flared cup wheel



BOSCH

For more details visit
Boschtools.com

Grinding Accessories

Brushes & Wire Wheels/Abrasive Discs



173

Brushes and Wire Wheels

Cup Brushes

Bosch offers a full selection of crimped and knotted wire cup brushes.

- **WB503, WB504 and WB509-511** are knotted wire cup brushes designed specifically for portable tools. Useful for removing weld scale, burrs and corrosion or preparing surfaces for painting
- **WB523-526** are crimped wire cup brushes with carbon steel bristles that provide softer brushing action than knotted wire cup brushes



Item #	Diameter	Arbor	Max. RPM	Material	Wire Gauge	Description
WB503	3"	1/2"-13	12,500	Stainless steel	0.02	Knotted single row cup brush
WB504	3"	5/8"-11	12,500	Stainless steel	0.02	Knotted single row cup brush
WB509	3"	5/8"-11	12,500	Carbon steel	0.02	Knotted single row cup brush
WB510	4"	5/8"-11	8,500	Carbon steel	0.02	Knotted wire cup brush
WB511	6"	5/8"-11	6,600	Carbon steel	0.02	Knotted wire cup brush
WB523	3"	1/2"-13	12,500	Carbon steel	0.012	Crimped wire cup brush
WB524	3"	5/8"-11	12,500	Carbon steel	0.012	Crimped wire cup brush
WB525	4"	5/8"-11	8,500	Carbon steel	0.014	Crimped wire cup brush
WB526	6"	5/8"-11	6,600	Carbon steel	0.014	Crimped wire cup brush

Wire Wheels

Bosch offers a full selection of wire wheels.

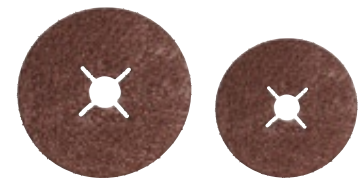
- **WB569** is a crimped wire wheel made from the highest quality crimped tempered steel with maximum wire density to ensure longer life. Use for de-burring gears, removing oxides and scale, flash removal and edge blending
- **WB554 and WB559** are stiff stringer bead knotted wire wheels with extremely narrow tufted faces that provide aggressive action. A maximum number of knots ensures longer life. Ideal for bead weld preparation and excellent for confined areas such as cross country pipe lines and pipe fabrication. Also useful for brushing expansion joints and narrow grooves
- **WB539, WB543 and WB544** are full cable knotted wire wheels with narrow faces for more difficult brushing applications that excel in tight places for jobs like cleaning welds on angles or corners. Rugged construction and precision balancing permits high RPM usage



Item #	Diameter	Arbor	Max. RPM	Material	Wire Gauge	Description
WB539	4"	5/8"-11	20,000	Stainless steel	0.02	Full cable knotted wire wheel
WB543	4"	1/2"-13	20,000	Carbon steel	0.02	Full cable knotted wire wheel
WB544	4"	5/8"-11	20,000	Carbon steel	0.02	Full cable knotted wire wheel
WB554	4"	5/8"-11	20,000	Stainless steel	0.02	Stringer bead knotted wire wheel
WB559	4"	5/8"-11	20,000	Carbon steel	0.02	Stringer bead knotted wire wheel
WB569	4"	5/8"-11	12,500	Tempered steel	0.014	Crimped wire wheel

Abrasive Sanding Discs

Bosch abrasive sanding discs are made from aluminum oxide for aggressive cutting. The .030" premium fiber withstands heavy-duty use and the arbor hole slots let the disc lie flatter.



Item #	Diameter	Arbor	Max. RPM	Grit	Item #	Diameter	Arbor	Max. RPM	Grit	Item #	Diameter	Arbor	Max. RPM	Grit
GS424	4-1/2"	24	12,500	5	GS750	7"	50	8,500	5	T4234	5"	60	11,500	25
GS436	4-1/2"	36	12,500	5	GS780	7"	80	8,500	5	T4235	5"	80	11,500	25
GS450	4-1/2"	50	12,500	5	GS790	7"	120	8,500	5	T4236	5"	100	11,500	25
GS480	4-1/2"	80	12,500	5	T4220	4-1/2"	24	12,500	25	T4237	5"	120	11,500	25
GS490	4-1/2"	120	12,500	5	T4223	4-1/2"	50	12,500	25	T4238	5"	36	11,500	25
GS524	5"	24	11,500	5	T4224	4-1/2"	60	12,500	25	T4240	7"	24	8,500	25
GS536	5"	36	11,500	5	T4225	4-1/2"	80	12,500	25	T4243	7"	50	8,500	25
GS550	5"	50	11,500	5	T4226	4-1/2"	100	12,500	25	T4244	7"	60	8,500	25
GS580	5"	80	11,500	5	T4227	4-1/2"	120	12,500	25	T4245	7"	80	8,500	25
GS590	5"	120	11,500	5	T4228	4-1/2"	36	12,500	25	T4246	7"	100	8,500	25
GS724	7"	24	8,500	5	T4230	5"	24	11,500	25	T4247	7"	120	8,500	25
GS736	7"	36	8,500	5	T4233	5"	50	11,500	25	T4248	7"	36	8,500	25

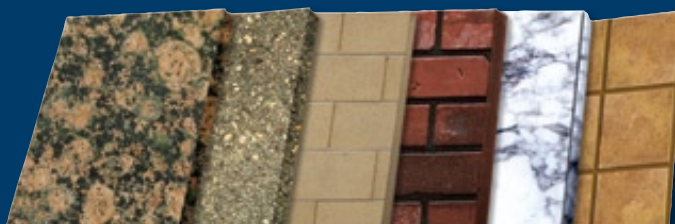


Diamond Abrasive Blades

Blade Types and Uses



The Bosch line of diamond blades offers a solution for every concrete and masonry application. Each blade is manufactured to exacting specifications with the needs of the user in mind.



All Bosch diamond blades are color-coded by application

General Purpose

- Concrete block
- Brick/Stone Pavers

Stone/Concrete

- Limestone
- Granite
- Concrete
- Brick

Tile

- Ceramic tile
- Porcelain tile
- Slate
- Marble

Hard Material

- Granite
- Aged concrete
- Steel reinforced concrete
- 5000 PSI Concrete

Special

- Asphalt
- Green concrete
- Iron/rebar
- Tuck-point mortar

NOTE: A diamond blade is a Type 1 abrasive cutting wheel.

Blade Types



Segmented

Superior cutting blade for longer life.

Ideal for cutting:

- Asphalt
- Pavers
- Green concrete
- Concrete
- Block

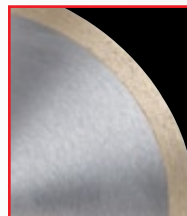


Turbo

Smooth cutting in hard material.

Ideal for cutting:

- Concrete
- Bricks
- Pavers
- Sandstone



Continuous Rim

Highest quality cuts.

Ideal for cutting:

- Ceramic tile
- Granite
- Slate
- Porcelain

Diamond Blade *Maximum Speeds*

Blade Diameter (in.)	Blade Diameter (mm)	Maximum RPM	Maximum Peripheral Speed (m/s)
4	105	14,500	80
4-1/2"	115	13,200	80
5	125	12,200	80
6	150	10,100	80
7	180	8,500	80

Blade Diameter (in.)	Blade Diameter (mm)	Maximum RPM	Maximum Peripheral Speed (m/s)
9	230	6,600	80
12	300	6,300	100
14	350	5,400	100
16	400	4,700	100



BOSCH



For more details visit
Boschtools.com

Diamond Abrasive Blades

Premium Plus

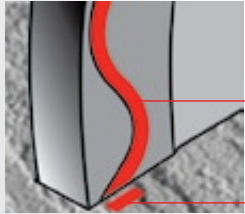


SPEEDWAVE™



Segmented Blades

The name SPEEDWAVE™ refers to the unique wave-shaped segments. They reduce surface friction and provide outstanding cutting speed



Wave pattern

Reduced surface contact area moves as blade turns



Item #	Description	Application	Tool Type	Diameter	Arbor
DBSW4561	Segmented Diamond Blade	Concrete, block, brick, stone, steel reinforced concrete	Small angle grinders	4-1/2"	5/8" + 7/8"
DBSW561	Segmented Diamond Blade	Concrete, block, brick, stone, steel reinforced concrete	Small angle grinders	5"	5/8" + 7/8"
DBSW761DKO	Segmented Diamond Blade	Concrete, block, brick, stone, steel reinforced concrete	Circular Saw/ large angle grinders	7"	5/8" ♦
DBSW961	Segmented Diamond Blade	Concrete, block, brick, stone, steel reinforced concrete	Large angle grinders	9"	5/8" + 7/8"

Premium Plus

Superior cutting speed through rough materials



Item #	Description	Application	Tool Type	Diameter	Arbor
DB461	Laser Fusion Progressive Segmented	Concrete, block, brick, stone, steel reinforced concrete	Small angle grinders	4"	7/8" + 20 mm + 5/8"
DB4561	Laser Fusion Progressive Segmented	Concrete, block, brick, stone, steel reinforced concrete	Small angle grinders	4-1/2"	7/8" + 20 mm + 5/8"
DB561	Laser Fusion Progressive Segmented	Concrete, block, brick, stone, steel reinforced concrete	Small angle grinders	5"	7/8" + 5/8"
DB661	Laser Fusion Progressive Segmented	Concrete, block, brick, stone, steel reinforced concrete	Small angle grinders	6"	7/8" + 5/8"
DB761	Laser Fusion Progressive Segmented	Concrete, block, brick, stone, steel reinforced concrete	Circular saws / large angle grinders	7"	5/8" ♦
DB961	Laser Fusion Progressive Segmented	Concrete, block, brick, stone, steel reinforced concrete	Large angle grinders	9"	7/8" & 5/8"
DB1261	Laser Fusion Progressive Segmented	Concrete, block, brick, stone, steel reinforced concrete	Cutoff machines	12"	1" & 20 mm
DB1461	Laser Fusion Progressive Segmented	Concrete, block, brick, stone, steel reinforced concrete	Cutoff machines	14"	1" & 20 mm

♦ = diamond knockout



Diamond Abrasive Blades

Hard Concrete/Stone & Concrete

Premium

Fast cutting and long life in most building materials

Item #	Description	Application	Tool Type	Diameter	Arbor
DB441	Premium Segmented	Concrete, block, brick, stone, steel reinforced concrete	Small angle grinders	4"	7/8" + 20 mm + 5/8"
DW400	Premium Segmented	Cutting brick, tile, stone, masonry and many other materials	Small angle grinders	4-1/8"	20 mm with 7/8" knockout
DB4541	Premium Segmented	Concrete, block, brick, stone, steel reinforced concrete	Small angle grinders	4-1/2"	7/8" + 20 mm + 5/8"
DB541	Premium Segmented	Concrete, block, brick, stone, steel reinforced concrete	Small angle grinders	5"	7/8" + 5/8"
DB741	Premium Segmented	Concrete, block, brick, stone, steel reinforced concrete	Circular saws / large angle grinders	7"	5/8" ◇
DB1041	Premium Segmented	Concrete, block, brick, stone, steel reinforced concrete	Wet Saws, Walk behind*	10"	7/8" + 5/8"
DB1241	Premium Segmented	Concrete, block, brick, stone, steel reinforced concrete	Cutoff machines	12"	1" & 20 mm
DB1441	Premium Segmented	Concrete, block, brick, stone, steel reinforced concrete	Cutoff machines	14"	1" & 20 mm

*Warning: Use only with machines designed for wet sawing and on a GFCI protected circuit (if the machine is electrical).

Hard Concrete Diamond Blades

Diamond blades for cutting the hardest materials, such as aged concrete, steel reinforced concrete, stone flooring and 5000 PSI concrete.



Item #	Description	Application	Tool Type	Diameter	Arbor
DB4564	Premium Plus Segmented	Hard material	Small angle grinders	4-1/2"	7/8" + 20 mm + 5/8"
DB764	Premium Plus Segmented	Hard material	Circular saws / large angle grinders	7"	5/8" ◇
DB1264	Premium Plus Segmented	Hard material	Cutoff machines	12"	1" & 20 mm
DB1464	Premium Plus Segmented	Hard material	Cutoff machines	14"	1" & 20 mm

Stone and Concrete Diamond Blades

Premium Plus

Diamond blades that offer smooth cutting in hard materials.



Item #	Description	Application	Tool Type	Diameter	Arbor
DB463	Premium Plus Turbo	Pavers, marble, slate, fire brick	Small angle grinders	4"	7/8" + 20 mm + 5/8"
DB4563	Premium Plus Turbo	Pavers, marble, slate, fire brick	Small angle grinders	4-1/2"	7/8" + 20 mm + 5/8"
DB563	Premium Plus Turbo	Pavers, marble, slate, fire brick	Small angle grinders	5"	7/8" + 5/8"
DB763	Premium Plus Turbo	Pavers, marble, slate, fire brick	Circular saws / large angle grinders	7"	5/8" ◇
DB963	Premium Plus Turbo	Pavers, marble, slate, fire brick	Large angle grinders	9"	7/8" & 5/8"
DB1263	Premium Plus Turbo	Pavers, marble, slate, fire brick	Cutoff machines	12"	1" & 20 mm
DB1463	Premium Plus Turbo	Pavers, marble, slate, fire brick	Cutoff machines	14"	1" & 20 mm

◇ = diamond knockout



BOSCH



For more details visit
Boschtools.com

Diamond Abrasive Blades

Stone & Concrete/Tile/Specialty



177

Stone and Concrete Diamond Blades continued

Premium

Item #	Description	Application	Tool Type	Diameter	Arbor
DB442	Premium Turbo	Pavers, marble, slate, fire brick	Small angle grinders	4"	7/8" + 20 mm + 5/8"
DB4542	Premium Turbo	Pavers, marble, slate, fire brick	Small angle grinders	4-1/2"	7/8" + 20 mm + 5/8"
DB542	Premium Turbo	Pavers, marble, slate, fire brick	Small angle grinders	5"	7/8" + 5/8"
DB742	Premium Turbo	Pavers, marble, slate, fire brick	Circular saws/large angle grinders	7"	5/8" ◇

Tile Diamond Blades

Diamond blades for chip-free cutting in ceramic, slate, marble, porcelain and exterior tile.



Item #	Description	Application	Tool Type	Diameter	Arbor
DB4566	Premium Plus Continuous	Tile	Small angle grinders	4-1/2"	7/8" + 20 mm + 5/8"
DB766	Premium Plus Continuous	Tile	Wet saws/large angle grinders*	7"	5/8"
DB1066	Premium Plus Continuous	Tile	Wet saws*	10"	5/8"
DB4568	Premium Plus Continuous	Marble	Small angle grinders	4-1/2"	7/8" + 20 mm + 5/8"
DB768	Premium Plus Continuous	Marble	Circular saws / large angle grinders*	7"	5/8" ◇
DB443	Premium Continuous	Tile	Small angle grinders	4"	7/8" + 20 mm + 5/8"
DB4543	Premium Continuous	Tile	Small angle grinders	4-1/2"	7/8" + 20 mm + 5/8"
DB743	Premium Continuous	Tile	Wet saws / large angle grinders*	7"	5/8"

*Warning: Use only with machines designed for wet sawing and on a GFCI protected circuit (if the machine is electrical).

Specialty Diamond Blades

Diamond blades that offer superior performance in specific applications.



Item #	Description	Application	Tool Type	Diameter	Arbor
DB4565	Premium Plus Segmented	Soft abrasive, soft brick, asphalt	Small angle grinders	4-1/2"	7/8" + 20 mm + 5/8"
DB765	Premium Plus Segmented	Soft abrasive, soft brick, asphalt	Circular saws / large angle grinders	7"	5/8" ◇
DB1265	Premium Plus Segmented	Asphalt, green concrete	Walk behinds	12"	1" & 20 mm
DB1465	Premium Plus Segmented	Asphalt, green concrete	Walk behinds	14"	1" & 20 mm
DB1267	Premium Plus Segmented	Ductile iron / rebar	Cutoff machines	12"	1" & 20 mm
DB1467	Premium Plus Segmented	Ductile iron / rebar	Cutoff machines	14"	1" & 20 mm

◇ = diamond knockout

Diamond Abrasive Blades

Tuck Pointing/Cup Wheels

Tuck Pointing Diamond Blades

Provide thorough cleaning and extended life in grout and mortar removal applications



Item #	Description	Application	Tool Type	Diameter	Arbor
DD400	Premium Segmented	Tuck-point mortar	Small angle grinders	4"	7/8" + 5/8"
DD500	Premium Segmented	Tuck-point mortar	Small angle grinders	5"	7/8" + 5/8"

Diamond Cup Wheels

Bosch offers a solution for grinding on every surface.



Diamond Cup Wheel Quick Selection Chart

Asphalt	Basalt	Concrete, old	Concrete, fresh (abrasive)	Concrete pipes, stone	Pumice stone	Concrete pipes, stone	Screed concrete	Aerated concrete	Plaster, plaster board	Gneis, granite	Cast asphalt	Hard casting forms	Limestone, soft	Limestone, hard	Clinker stone, soft	Bricks	Mortar, plaster	Natural limestone	Natural slate	Poroton	Porphyry	Quartzite	Sandstone	Slag stone	Travertine	Cement fiber boards	Thermo-plastic protective paint finishes	Material	
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Item # DC500	
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Item # DC510	
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Item # DC520	
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Item # DC530	
● Recommended ● Acceptable ● Not Recommended																													

Item #	Description	Application	Diameter	Arbor	Max. RPM
DC500	10 Segment	Sanding thin layers of thermo-plastic protective paint	5"	7/8"	12,200
DC510	11 Segment	Quick grinding of thick concrete layers	5"	7/8"	12,200
DC520	11 Segment	Large-area material removal	5"	7/8"	12,200
DC530	Turbo	Creating fine surfaces on granite	5"	7/8"	12,200


BOSCH

For more details visit
Boschtools.com