









# QUICK TOOL REFERENCE GUIDE



## GRINDERS

### SMALL ANGLE GRINDERS

Item #	1375A	GWS8-45	GWS9-45	GWS10-45	GWS10-45P(D)	GWS13-50	GWS13-50P(D)	GWS13-50VS
								
Wheel Size	4-1/2"	4-1/2"	4-1/2"	4-1/2"	4-1/2"	5"	5"	5"
Switch Type	Lock-on	Lock-on	Lock-on	Lock-on	Multi-Grip Paddle (GWS10-45PD — no lock-on)	Lock-on	Multi-Grip Paddle (GWS13-50PD — no lock-on)	Lock-on
Amperage	6.0	7.5	8.5	10.0	10.0	13.0	13.0	13.0
No Load RPMs	11,000	11,000	11,000	11,500	11,500	11,500	11,500	2,800–11,500
Spindle Thread	5/8"–11	5/8"–11	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	Yes	Yes
Sealed Switch	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Service Minder™	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vibration Control™	No	No	No	Yes	Yes	Yes	Yes	Yes
Electronic Clutch	No	No	No	No	No	Yes	Yes	Yes
Restart Protection	No	No	No	No	No	Yes	Yes	Yes
Guard	Screw type	Screw type	Screw type	Toolless	Toolless	Toolless	Toolless	Toolless
Length	10-1/2"	11"	10-3/4"	11-1/2"	12"	12-1/2"	12"	12-1/4"
Weight	3.75 lbs.	4.2 lbs.	3.9 lbs.	4.6 lbs.	4.6 lbs.	5.3 lbs.	5.4 lbs.	5.3 lbs.

### SMALL ANGLE GRINDERS, TUCKPOINTING, CONCRETE SURFACING

Item #	GWS13-50VSP	1821/1821D	GWS13-60	GWS13-60PD	CSG15	1775E	AG50-10	AG50-10TG
								
Wheel Size	5"	5"	6"	6"	5" Concrete Surfacing	5" Tuckpoint Grinder	5"	5" Tuckpoint Grinder
Switch Type	Multi-Grip Paddle	Paddle (1821D — no lock-on switch)	Lock-on	Multi-Grip Paddle Switch No Lock-on	Lock-on	Lock-on	Lock-on	Lock-on
Amperage	13.0	9.5	13.0	13.0	12.5	8.5	10.0	10.0
No Load RPMs	2,800–11,500	11,000	9,300	9,300	9,300	11,000	11,500	11,500
Spindle Thread	5/8"–11	5/8"–11	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	Yes	Yes
Sealed Switch	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Service Minder™	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vibration Control™	Yes	Yes	Yes	Yes	No	No	Yes	Yes
Electronic Clutch	Yes	No	Yes	Yes	No	No	No	No
Restart Protection	Yes	No	Yes	Yes	Yes	No	No	No
Guard	Toolless	Toolless	Toolless	Toolless	Surfacing only	Tuckpointing only	Toolless	Toolless
Length	12-1/4"	13-3/4"	12-1/4"	12-1/2"	13-3/4"	11-3/4"	12"	12"
Weight	5.4 lbs.	5.1 lbs.	5.4 lbs.	5.6 lbs.	5.95 lbs.	6.4 lbs.	5.1 lbs.	5.1 lbs.

## 4-1/2" ANGLE GRINDER

**GWS8-45**

**NEW**



- ▶ Ergonomic Slim Grip—Small grip circumference enhances control and comfort
- ▶ Lock-On Slide Switch—For extended-use applications
- ▶ Directed Air Flow—Diverts dust away from switch and vital components to extend tool life
- ▶ Removable Brush Covers—For easy brush replacement

### INCLUDES

Grinding Wheel Guard **1619P02792**  
 Auxiliary Handle **1602025027**  
 Inner (Clamping) Flange **1605708140**  
 Outer (Round Nut) Flange **3603340503**  
 Spanner Wrench **1607950052**  
 Abrasive Grinding Wheel

Specifications	
Rating	120V
Amperage	7.5
No Load RPM	11,000
Wheel Diameter	4-1/2"
Wire Cup Brush	3"
Spindle Thread	5/8"-11
Wire Wheel	4"
Length	11"
Weight	4.2 lbs.

## 4-1/2" ANGLE GRINDER

**GWS9-45**

**NEW**



- ▶ Lock-On Slide Switch—For extended-use applications
- ▶ Two-Position Auxiliary Handle—Specifically designed and angled to an ergonomic position for maximum comfort and control
- ▶ Epoxy-Coated Field Windings—Provides ultimate protection against abrasive dust and metal debris
- ▶ Service Minder™ Brushes—Eliminates guesswork, stops tool when preventative maintenance is required

### INCLUDES

Grinding Wheel Guard **1619P02792**  
 Auxiliary Handle **1602025027**  
 Inner (Clamping) Flange **1605703140**  
 Outer (Round Nut) Flange **3603340503**  
 Spanner Wrench **1607950052**  
 Abrasive Grinding Wheel

Specifications	
Rating	120V
Amperage	8.5
No Load RPM	11,000
Wheel Diameter	4-1/2"
Wire Cup Brush	3"
Spindle Thread	5/8"-11
Wire Wheel	4"
Length	10-3/4"
Weight	3.90 lbs.

## 4-1/2" ANGLE GRINDER

**GWS10-45**

**NEW**



- ▶ Lock-On/Off Slide Switch—For extended-use applications
- ▶ Two-Position Vibration Control™ Handle—Reduces vibration up to 60%, provides uncompromising user comfort
- ▶ Directed Air Flow—Diverts dust away from switch and vital components to extend tool life
- ▶ Toolless Adjustable Guard—Quick guard installation and adjustments

### INCLUDES

Inner Flange **1605703140**  
 Outer Flange **3603340503**  
 Vibration Control™ Side Handle **1602025052**  
 Spanner Wrench **1607950052**  
 4-1/2" Grinding Guard **1605510377**  
 Abrasive Grinding Wheel

Specifications	
Rating	120V AC/DC
Amperage	10.0
No Load RPM	11,500
Wheel Diameter	4-1/2"
Wire Cup Brush	3"
Spindle Thread	5/8"-11
Wire Wheel	4"
Length	11-1/2"
Weight	4.6 lbs.

Optional dust collection attachments available on pages 56 and 320.

**LI-ION** Cordless option available on page 102.

**GRINDERS**  
SMALL ANGLE GRINDERS



**BOSCH**  
Invented for life