

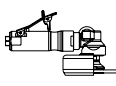
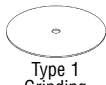
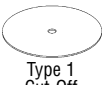
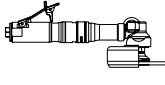

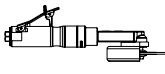


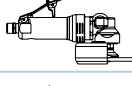

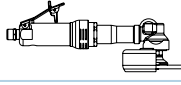
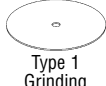
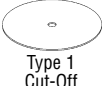
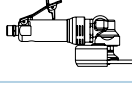
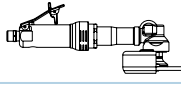


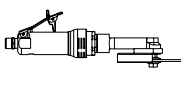


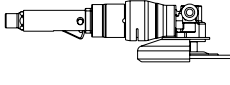
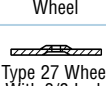
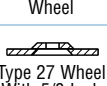


Right Angle Wheel Grinders

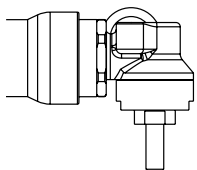
Section Contents

Page Number	Model Number	Power	Wheel Size	Features	
12	300RA	0.7 H.P.	3 Inch - 4 Inch T27, T1 or T1 (cut-off) Wheels  	Durable Head Design with Small Motor	
13	300RAE		Type 1 Grinding Wheel  	Durable Head Design & Extended Neck with Small Motor	
14	320RA		3 Inch - 4 Inch T1 (cut-off) Wheels 	Small Head & Extended Neck with Small Motor	
16	400RA	1.2 H.P.	3 Inch - 6 Inch T27, T1 or T1 (cut-off) Wheels  	Durable Head Design with Powerful Motor (Lower Speed)	
17	400RAE		Type 27 Wheel With 7/8 Inch Mount Hole 	Durable Head Design & Extended Neck with Powerful Motor (Lower Speed)	
16	410RA		3 Inch - 4 1/2 Inch T27, T1 or T1 (cut-off) Wheels  	Durable Head Design with Powerful Motor (Higher Speed)	
17	410RAE	Durable Head Design & Extended Neck with Powerful Motor (Higher Speed)			
14	420RA	2.0 H.P.	3 Inch - 4 Inch T27, T1 or T1 (cut-off) Wheels  	Small Head & Extended Neck with Powerful Motor	
18	520RA		7 Inch - 10 Inch T27, T1 or T1 (cut-off) Wheels  	Larger Right Angle Grinder for Larger Wheels	
			Type 1 Grinding Wheel  		

RIGHT ANGLE GRINDERS

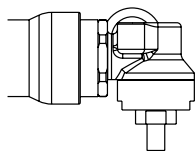
Spindle Options

3/8-24 X 0.980 Inch Spindle (Spindle Size 4)



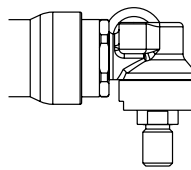
This spindle is the most versatile. Adapters are available which will allow nearly any wheel to mount on this spindle. (See chart)

3/8-24 X 0.563 Inch Spindle (Spindle Size 1)



This spindle is favorable for use with type 1 cut-off (type 41) wheels or type 27 wheels with a 3/8 inch mounting hole. It provides for a smaller head height which can be helpful in tighter applications. Adapters are available. (See chart)

5/8-11 X 0.875 Inch Spindle (Spindle Size 2)

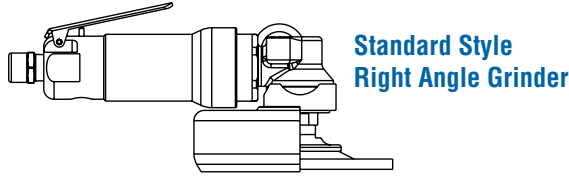


This spindle is commonly used with type 27 (depressed center) wheels with a either a 7/8" mounting hole or built-in flanges with threads. Adapters are available. (See chart)

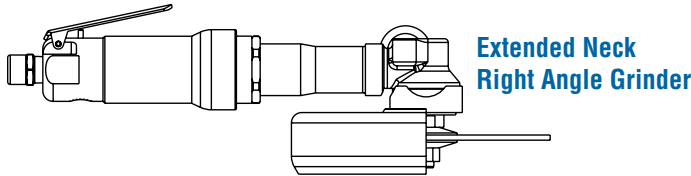
Spindle	Wheel Size				
	3"	4"	4 1/2"	5"	6"
(1) - 3/8-24 X 0.563	X	X			
(4) - 3/8-24 X 0.980	X	X	X	X	X
(2) - 5/8-11 X 0.875			X	X	X

Extend Neck vs Standard

The extended neck option helps in regards to clearance issues when using larger diameter wheels. In these instances, the guard can extend into the area around the motor case normally used by the operator to grip the tool. The extended neck option moves the guard forward which clears the area around the motor case for the operators hand.

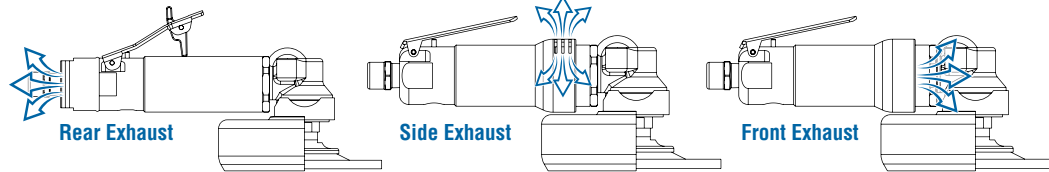


Standard Style Right Angle Grinder



Extended Neck Right Angle Grinder

Exhaust Direction



Rear Exhaust

Side Exhaust

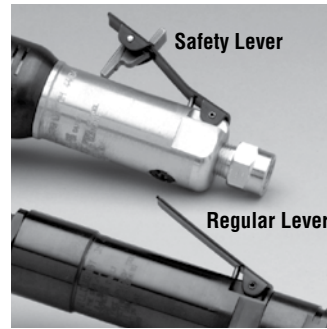
Front Exhaust

Speed/Guard Size Selection

The operating speed and guard size are closely linked to promote safety and maximize efficiency of the grinding operation. Each model offers various options listed in the Model Number Breakdown and in the chart with each product spread. The choices are based on the characteristics of each model. Please examine the speed/guard size options to select the one that matches the wheel speed/size you are using.



Lever Style



Safety Lever

Regular Lever



Aluminum Case Material

Steel Case Material

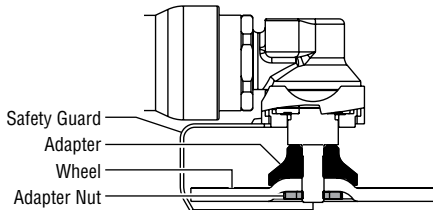
Case Material

The choice of case material affects the weight and durability of the tool. By its nature, aluminum is lighter in weight than steel. Steel is more durable in aggressive environments.

RIGHT ANGLE GRINDERS

Wheel Mounting for Right Angle Grinders—Type 27 (Depressed Center) Wheels

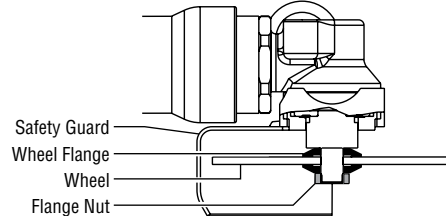
Type 27 Wheels with 3/8" ID Mounting Hole



Safety Guard
Adapter
Wheel
Adapter Nut

Adapter Set Number	Spindle Size
490-K	3/8-24 x 0.980
490-KR	3/8-24 x 0.580

Type 1 Wheels (Type 1 Cut-off)

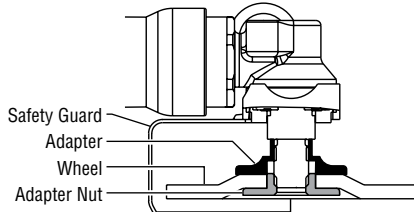


Safety Guard
Wheel Flange
Wheel
Flange Nut

Part Number	Spindle Size	Wheel Mounting Hole
400-G-42	3/8-24 x 0.980	4" or Smaller
1100-680		4-1/2" or Larger
1100-682	5/8-11 x 0.875	

Ordered as individual parts

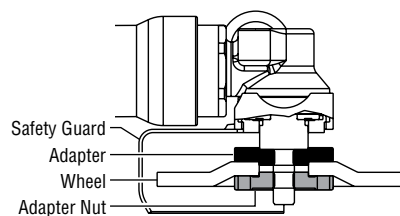
Type 27 Wheels with 5/8" or 7/8" ID Mounting



Safety Guard
Adapter
Wheel
Adapter Nut

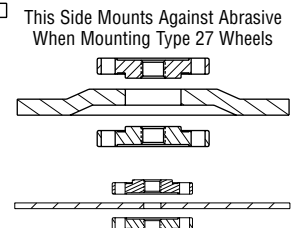
Adapter Set Number	Spindle Size	Wheel Mounting Hole
1100-660	3/8-24 x 0.980	5/8"
1100-668		7/8"
1100-692	5/8-11 x 0.875	

ADT Style Adapters



Safety Guard
Adapter
Wheel
Adapter Nut

Our New Right Angle Adapters Can Be Used To Mount Either Type 27 Or Type 1 Wheels



This Side Mounts Against Abrasive When Mounting Type 1 Wheels

Part Number	Spindle Size	Wheel Mounting Hole
ADT27-354	3/8-24 x 0.980	5/8"
ADT27-375		7/8"
ADT27-575	5/8-11 x 0.875	

Ordered as individual parts

Right Angle Grinders for use with Depressed Center & Type 1 Grinding/Cut-off Wheels

4" (101.6 mm)
0.7 H.P. (525 W)



Type 27 Wheel
With 3/8 Inch
Mount Hole

Type 27 Wheel
With 5/8 Inch
Mount Hole

Type 1
Grinding
Wheel

Type 1
Cut-Off
Wheel

Air Inlet Size: 1/4" NPT

Hose Size Recommendations: 3/8" (10 mm)

Special Features

- Rear Exhaust
- 0.7 H.P. Motor • Dual Position Dead Handle Mount

Extra Charge Accessories

- Type 27 Adapters • Safety Levers

Standard Equipment

- Tool • Operating Instructions and Service Manual
- 2 Wrenches (sizes based on options)

The depressed center wheel adapters are not supplied as standard equipment with the tools. If you are using a wheel that requires the adapters, they must be purchased separately.

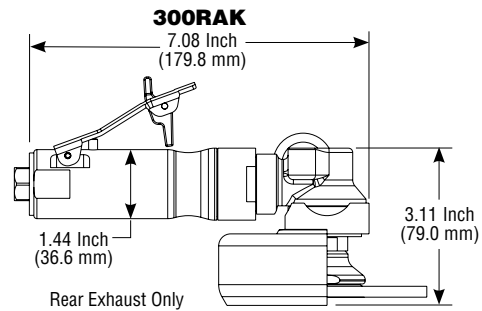
RIGHT ANGLE GRINDERS

Quick Order Number

Model Number	Guard Size	Maximum Operating Speed	Case Material	
			Aluminum	Steel
300RA	4 Inch	15000 RPM	300RA4;427	300RA4S;427

All the versions listed in the table will be supplied with a standard lever throttle (class 1). A safety lever throttle (class 2) is also available.

This chart has been provided as a means to quickly identify a particular tool. The ordering numbers listed represent the most common versions of our tools. If more specialized versions are required, please build your model number per the following model number flow chart.



0.7 H.P.
(525 W)



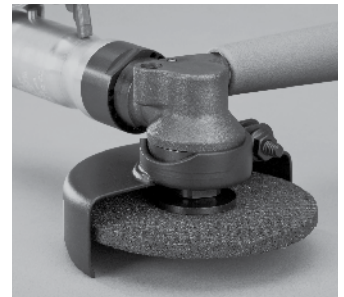
2.4 Lb. (1.1 Kg) Aluminum
3.0 Lb. (1.4 Kg) Steel



25 cfm (11.8 L/s) Max

Wheel Adapters			
Part Number	Description	Spindle on Tool	Wheel
490-K	3/8-24 to 3/8 Inch ID Adapter	Style 4 - 3/8-24 X 0.98 Inch	3-4 Inch T27 Wheels with 3/8 Inch ID Hole
490-KR		Style 1 - 3/8-24 X 0.56 Inch	
1100-660	3/8-24 to 5/8 Inch ID Adapter	Style 4 - 3/8-24 X 0.98 Inch	4 Inch T27 Wheels with 5/8 Inch ID Hole
ADT27-354			

The depressed center wheel adapters are not supplied as standard equipment with the tools. If you are using a wheel that requires the adapters, they must be purchased separately.



Front view of 300RA Series Tool

Example Model Number: **300RA 1 K S ; 15000;427**

Model Number	Spindle Options	Lever Style	Case Material	Operating Speed/Guard Size
300RA	Please choose one of the following options: 1 - 3/8-24 X 0.56 Inch 4 - 3/8-24 X 0.98 Inch	Please choose one of the following options: No Designation - Standard Lever K - Safety Lever	Please choose one of the following options: No Designation - Aluminum Case S - Steel Case	Please choose one of the following options: 15000;327 - 15000 R.P.M. with 3 Inch T27 Wheel Guard 15000;427 - 15000 R.P.M. with 4 Inch T27 Wheel Guard

Geared Tool



WARNING: Follow all recommendations from component and abrasive manufacturers for speeds and proper usage.

Right Angle Grinders for use with Depressed Center & Type 1 Grinding/Cut-off Wheels

4" (101.6 mm)
0.7 H.P. (525 W)



Type 27 Wheel With 3/8 Inch Mount Hole

Type 27 Wheel With 5/8 Inch Mount Hole

Type 1 Grinding Wheel

Type 1 Cut-Off Wheel

Air Inlet Size: 1/4" NPT

Hose Size Recommendations: 3/8" (10 mm)

Special Features

- 0.7 H.P. Motor • Dual Position Dead Handle Mount

Extra Charge Accessories

- Type 27 Adapters • Safety Levers

Standard Equipment

- Tool • Operating Instructions and Service Manual
- 2 Wrenches (sizes based on options)

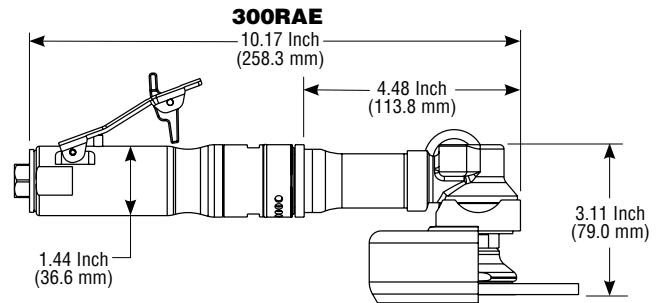
The depressed center wheel adapters are not supplied as standard equipment with the tools. If you are using a wheel that requires the adapters, they must be purchased separately.

Quick Order Number

Model Number	Guard Size	Maximum Operating Speed	Case Material	
			Aluminum	Steel
300RAE	4 Inch	15000 RPM	300RAE4;427	300RAE4S;427

All the versions listed in the table will be supplied with a standard lever throttle (class 1). A safety lever throttle (class 2) is also available.

This chart has been provided as a means to quickly identify a particular tool. The ordering numbers listed represent the most common versions of our tools. If more specialized versions are required, please build your model number per the following model number flow chart.



0.7 H.P. (525 W)



3.5 Lb. (1.6 Kg) Aluminum
4.0 Lb. (1.8 Kg) Steel



25 cfm (11.8 L/s) Max

RIGHT ANGLE GRINDERS

Wheel Adapters

Part Number	Description	Spindle on Tool	Wheel
490-K	3/8-24 to 3/8 Inch ID Adapter	Style 4 - 3/8-24 X 0.98 Inch	3-4 Inch T27 Wheels with 3/8 Inch ID Hole
490-KR		Style 1 - 3/8-24 X 0.56 Inch	
1100-660	3/8-24 to 5/8 Inch ID Adapter	Style 4 - 3/8-24 X 0.98 Inch	4 Inch T27 Wheels with 5/8 Inch ID Hole
ADT27-354			

The depressed center wheel adapters are not supplied as standard equipment with the tools. If you are using a wheel that requires the adapters, they must be purchased separately.



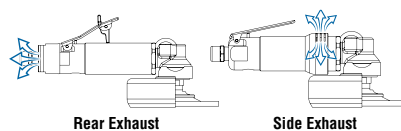
Front view of 300RAE Series Tool

Example Model Number: **300RAE 1 K S R ; 15000;427**

The blue highlighted entries are shown in the Quick Reference Box above.

Model Number	Spindle Options	Lever Style	Case Material	Exhaust Direction	Operating Speed/Guard Size
300RAE	Please choose one of the following options: 1 - 3/8-24 X 0.56 Inch 4 - 3/8-24 X 0.98 Inch	Please choose one of the following options: No Designation - Standard Lever K - Safety Lever	Please choose one of the following options: No Designation - Aluminum Case S - Steel Case	Please choose one of the following options: No Designation - Side Exhaust R - Rear Exhaust	Please choose one of the following options: 15000;327 - 15000 R.P.M. with 3 Inch T27 Wheel Guard 15000;427 - 15000 R.P.M. with 4 Inch T27 Wheel Guard

Geared Tool



WARNING: Follow all recommendations from component and abrasive manufacturers for speeds and proper usage.

Right Angle Grinders for use with Depressed Center & Type 1 Grinding/Cut-off Wheels 3" (75 mm) – 4" (100 mm) 0.7 H.P. – 1.2 H.P. (900 W)



Type 27 Wheel
With 3/8 Inch
Mount Hole

Type 27 Wheel
With 5/8 Inch
Mount Hole

Type 1
Grinding
Wheel

Type 1
Cut-Off
Wheel

Air Inlet Size:
320RA Series: 1/4" NPT
420RA Series: 3/8" NPT
Hose Size Recommendations:
320RA Series: 3/8" (13mm)
420RA Series: 1/2" (13mm)
Extra Charge Accessories

• Type 27 Adapters • Safety Levers

Standard Equipment

• Tool with Wrench • Operating Instructions and Service Manual

SPECIAL FEATURES

- Side or Rear Exhaust Available
- Small Right Angle Head for Limited Space Grinding
- Extended Neck for Better Reach

The depressed center wheel adapters are not supplied as standard equipment with the tools. If you are using a wheel that requires the adapters, they must be purchased separately.

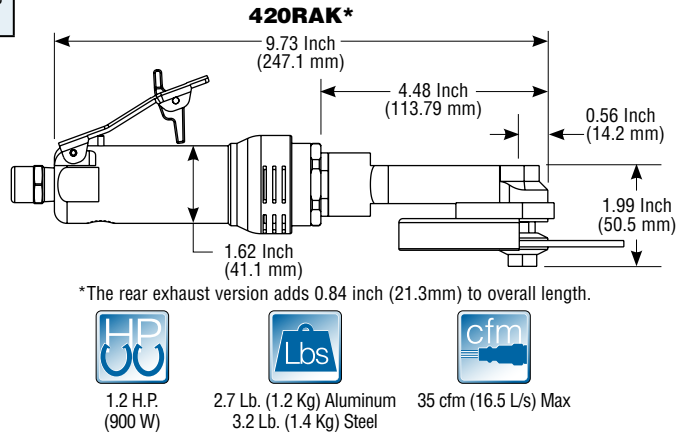
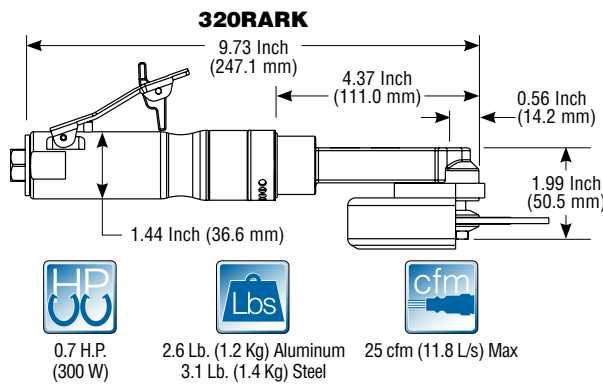
Quick Order Number

Model Number	Guard Size	Maximum Operating Speed	Case Material	
			Aluminum	Steel
320RA	4 Inch	15000 RPM	320RA1;427	320RA1S;427
420RA		13000 RPM	420RA1;427	420RA1S;427

All the versions listed in the table will be supplied with a standard lever throttle (class 1). A safety lever throttle (class 2) is also available.

This chart has been provided as a means to quickly identify a particular tool. The ordering numbers listed represent the most common versions of our tools. If more specialized versions are required, please build your model number per the following model number flow chart.

RIGHT ANGLE GRINDERS



Wheel Adapters

Part Number	Description	Spindle on Tool	Wheel
490-K	3/8-24 to 3/8 Inch ID Adapter	Style 4 - 3/8-24 X 0.98 Inch	3-4 Inch T27 Wheels with 3/8 Inch ID Hole
490-KR		Style 1 - 3/8-24 X 0.56 Inch	
1100-660	3/8-24 to 5/8 Inch ID Adapter	Style 4 - 3/8-24 X 0.98 Inch	4 Inch T27 Wheels with 5/8 Inch ID Hole
ADT27-354		Style 1 - 3/8-24 X 0.56 Inch	

The depressed center wheel adapters are not supplied as standard equipment with the tools. If you are using a wheel that requires the adapters, they must be purchased separately.

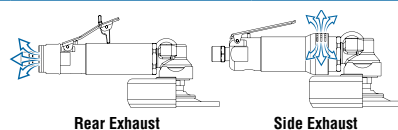


Front view of 320RA/420RA Series Tool

Example Model Number: **420RA 1 K S R ; 13000;427**

Model Number	Spindle Options	The blue highlighted entries are shown in the Quick Reference Box above. Lever Style	Case Material	Exhaust Direction	Operating Speed/Guard Size
320RA	Please choose one of the following options: 1 - 3/8-24 X 0.56 Inch	Please choose one of the following options: No Designation - Standard Lever K - Safety Lever	Please choose one of the following options: No Designation - Aluminum Case S - Steel Case	Please choose one of the following options: No Designation - Side Exhaust R - Rear Exhaust	Please choose one of the following options: 15000;327 - 15000 R.P.M. with 3 Inch T27 Wheel Guard 15000;427 - 15000 R.P.M. with 4 Inch T27 Wheel Guard
420RA	4 - 3/8-24 X 0.98 Inch				Please choose one of the following options: 13000;327 - 13000 R.P.M. with 3 Inch T27 Wheel Guard 13000;427 - 13000 R.P.M. with 4 Inch T27 Wheel Guard

⚙️ Geared Tool



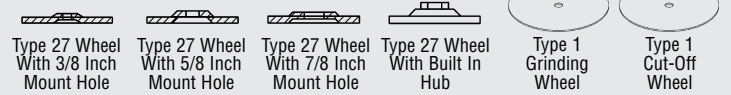
WARNING: Follow all recommendations from component and abrasive manufacturers for speeds and proper usage.



Right Angle Grinders for use with Depressed Center & Type 1 Grinding/Cut-off Wheels

3" (75 mm) – 5" (125 mm)
1.2 H.P. (900 W)

Powerful 1.2 H.P. Motor



Air Inlet Size: 3/8" NPT
Hose Size Recommendations: 1/2" (13 mm)
Special Features

- Extended Neck or Standard Length Available
- 1.2 H.P. Motor • Dual Position Dead Handle Mount

Extra Charge Accessories

- Type 27 Adapters • Safety Levers

Standard Equipment

- Tool • Operating Instructions and Service Manual
- 2 Wrenches (sizes based on options)

The depressed center wheel adapters are not supplied as standard equipment with the tools. If you are using a wheel that requires the adapters, they must be purchased separately.

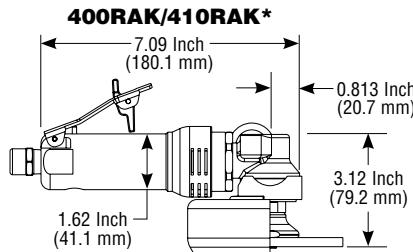
RIGHT ANGLE GRINDERS

Quick Order Number

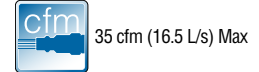
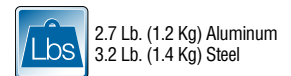
Model Number	Guard Size	Maximum Operating Speed	Case Material	
			Aluminum	Steel
400RA	4 Inch	10000 RPM	400RA4;427	400RA4S;427
	4-1/2 Inch		400RA2;4527	400RA2S;4527
410RA	4 Inch	13000 RPM	410RA4;427	410RA4S;427
	4-1/2 Inch		410RA2;4527	410RA2S;4527

All the versions listed in the table will be supplied with a standard lever throttle (class 1). A safety lever throttle (class 2) is also available.

This chart has been provided as a means to quickly identify a particular tool. The ordering numbers listed represent the most common versions of our tools. If more specialized versions are required, please build your model number per the following model number flow chart.



*The rear exhaust version adds 0.84 inch (21.3mm) to overall length.



Wheel Adapters

Part Number	Description	Spindle on Tool	Wheel
490-K	3/8-24 to 3/8 Inch ID Adapter	Style 4 - 3/8-24 X 0.98 Inch	3-4 Inch T27 Wheels with 3/8 Inch ID Hole
490-KR		Style 1 - 3/8-24 X 0.56 Inch	
1100-660	3/8-24 to 5/8 Inch ID Adapter	Style 4 - 3/8-24 X 0.98 Inch	4 Inch T27 Wheels with 5/8 Inch ID Hole
ADT27-354			
1100-668	3/8-24 to 7/8 Inch ID Adapter	Style 4 - 3/8-24 X 0.98 Inch	4 1/2 Inch T27 Wheels with 7/8 Inch ID Hole
ADT27-375			
1100-692	3/8-24 to 7/8 Inch ID Adapter	Style 2 - 5/8-11 X 0.88 Inch	4 1/2 Inch T27 Wheels with 7/8 Inch ID Hole
ADT27-575			

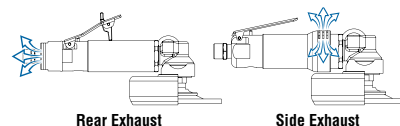
The depressed center wheel adapters are not supplied as standard equipment with the tools. If you are using a wheel that requires the adapters, they must be purchased separately.

Spindle	Wheel Size			
	3"	4"	4 1/2"	5"
(1) - 3/8-24 X 0.563	X	X		
(4) - 3/8-24 X 0.980	X	X	X	X
(2) - 5/8-11 X 0.875			X	X

Example Model Number: **400RA 1 K S R ; 10000;427**

Model Number	Spindle Options	Lever Style	Case Material	Exhaust Direction	Operating Speed/Guard Size
400RA	Please choose one of the following options: 1 - 3/8-24 X 0.56 Inch 2 - 5/8-11 X 0.88 Inch 4 - 3/8-24 X 0.98 Inch	Please choose one of the following options: No Designation - Standard Lever K - Safety Lever	Please choose one of the following options: No Designation - Aluminum Case S - Steel Case	Please choose one of the following options: No Designation - Side Exhaust R - Rear Exhaust	Please choose one of the following options: 10000;327 - 10000 R.P.M. with 3 Inch T27 Wheel Guard 10000;427 - 10000 R.P.M. with 4 Inch T27 Wheel Guard 10000;4527 - 10000 R.P.M. with 4 1/2 Inch T27 Wheel Guard 10000;527 - 10000 R.P.M. with 5 Inch T27 Wheel Guard Please choose one of the following options: 13000;327 - 13000 R.P.M. with 3 Inch T27 Wheel Guard 13000;427 - 13000 R.P.M. with 4 Inch T27 Wheel Guard 13000;4527 - 13000 R.P.M. with 4 1/2 Inch T27 Wheel Guard

Geared Tool



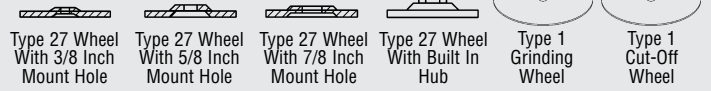
WARNING: Follow all recommendations from component and abrasive manufacturers for speeds and proper usage.

Right Angle Grinders for use with Depressed Center & Type 1 Grinding/Cut-off Wheels 3" (75 mm) – 6" (150 mm)
1.2 H.P. (900 W)

Powerful 1.2 H.P. Motor

400RAES/410RAES

400RAERK/410RAERK



Air Inlet Size: 3/8" NPT
Hose Size Recommendations: 1/2" (13 mm)
Special Features

- Side or Rear Exhaust Available
- Extended Neck or Standard Length Available
- 1.2 H.P. Motor • Dual Position Dead Handle Mount

Extra Charge Accessories

- Type 27 Adapters • Safety Levers

Standard Equipment

- Tool • Operating Instructions and Service Manual
- 2 Wrenches (sizes based on options)

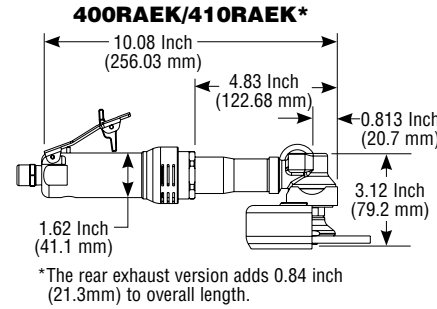
The depressed center wheel adapters are not supplied as standard equipment with the tools. If you are using a wheel that requires the adapters, they must be purchased separately.

Quick Order Number

Model Number	Guard Size	Maximum Operating Speed	Case Material	
			Aluminum	Steel
400RAE	4 Inch	10000 RPM	400RAE4;427	400RAE4S;427
	4-1/2 Inch		400RAE2;4527	400RAE2S;4527
	6 Inch		400RAE4;641	400RAE4S;641
410RAE	4 Inch	13000 RPM	410RAE4;427	410RAE4S;427
	4-1/2 Inch		410RAE2;4527	410RAE2S;4527

All the versions listed in the table will be supplied with a standard lever throttle (class 1). A safety lever throttle (class 2) is also available.

This chart has been provided as a means to quickly identify a particular tool. The ordering numbers listed represent the most common versions of our tools. If more specialized versions are required, please build your model number per the following model number flow chart.



HP 1.2 H.P. (900 W)

Lbs 2.7 Lb. (1.2 Kg) Aluminum
3.2 Lb. (1.4 Kg) Steel

cfm 35 cfm (16.5 L/s) Max

Wheel Adapters

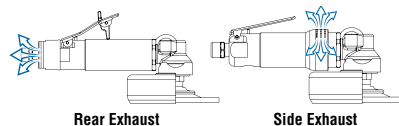
Part Number	Description	Spindle on Tool	Wheel
490-K	3/8-24 to 3/8 Inch ID Adapter	Style 4 - 3/8-24 X 0.98 Inch	3-4 Inch T27 Wheels with 3/8 Inch ID Hole
490-KR		Style 1 - 3/8-24 X 0.56 Inch	
1100-660	3/8-24 to 5/8 Inch ID Adapter	Style 4 - 3/8-24 X 0.98 Inch	4 Inch T27 Wheels with 5/8 Inch ID Hole
ADT27-354			4 1/2 Inch T27 Wheels with 7/8 Inch ID Hole
1100-668	3/8-24 to 7/8 Inch ID Adapter		
ADT27-375			
1100-692	3/8-24 to 7/8 Inch ID Adapter	Style 2 - 5/8-11 X 0.88 Inch	
ADT27-575			

The depressed center wheel adapters are not supplied as standard equipment with the tools. If you are using a wheel that requires the adapters, they must be purchased separately.

Example Model Number: **400RAE 4 K S R ; 10000;427**

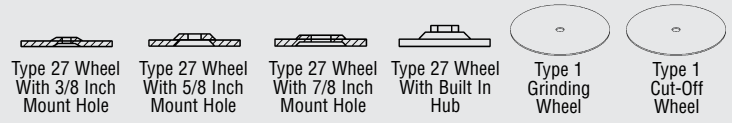
Model Number	Spindle Options	Lever Style	Case Material	Exhaust Direction	Operating Speed/Guard Size
400RAE	Please choose one of the following options: 1 - 3/8-24 X 0.56 Inch 2 - 5/8-11 X 0.88 Inch 4 - 3/8-24 X 0.98 Inch	Please choose one of the following options: No Designation - Standard Lever K - Safety Lever	Please choose one of the following options: No Designation - Aluminum Case S - Steel Case	Please choose one of the following options: No Designation - Side Exhaust R - Rear Exhaust	Please choose one of the following options: 10000;327 - 10000 R.P.M. with 3 Inch T27 Wheel Guard 10000;427 - 10000 R.P.M. with 4 Inch T27 Wheel Guard 10000;4527 - 10000 R.P.M. with 4 1/2 Inch T27 Wheel Guard 10000;641 - 10000 R.P.M. with 6 Inch T27 Wheel Guard
410RAE					Please choose one of the following options: 13000;327 - 13000 R.P.M. with 3 Inch T27 Wheel Guard 13000;427 - 13000 R.P.M. with 4 Inch T27 Wheel Guard 13000;4527 - 13000 R.P.M. with 4 1/2 Inch T27 Wheel Guard

Gear Tool



WARNING: Follow all recommendations from component and abrasive manufacturers for speeds and proper usage.

Right Angle Grinders for use with Depressed Center & Type 1 Grinding/Cut-off Wheels 7" (18 mm) – 10" (250 mm) 2 H.P. (1500 w)



Air Inlet Size: 1/2" NPT
Hose Size Recommendations: 1/2" (13 mm)

Extra Charge Accessories
 • Depressed Center Wheel Kit • Sanding Pads

Standard Equipment
 • Tool • Operating Instructions and Service Manual

Special Features
 • Spindle Lock Mechanism (Standard Equipment)
 • 2.0 H.P. Motor • Dual Position Dead Handle
 • Adjustable Guard Position

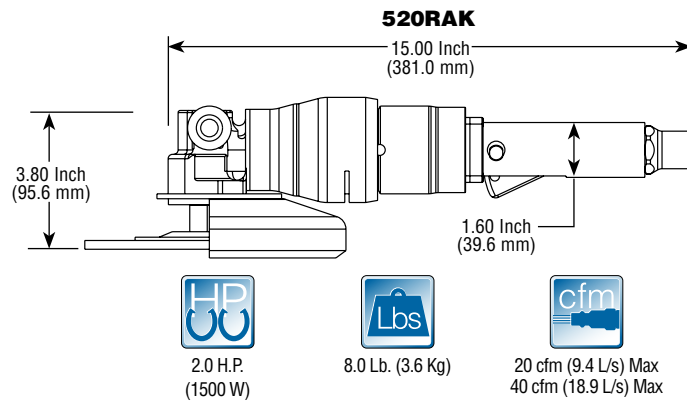
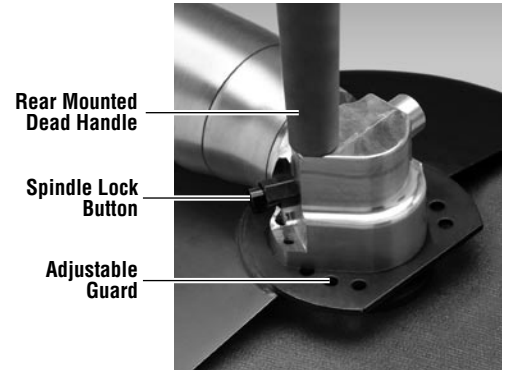
The depressed center wheel adapters are not supplied as standard equipment with the tools. If you are using a wheel that requires the adapters, they must be purchased separately.

RIGHT ANGLE GRINDERS

Quick Order Number

Model Number	Guard Size	Maximum Operating Speed	Throttle Handle Type	
			Standard	Safety
520RA	7 Inch	8000 RPM	520RAXL;727	520RAXK;727
	9 Inch	6000 RPM	520RAXL;927	520RAXK;927
	10 Inch	6000 RPM	520RA2XL;1041	520RA2XK;1041

This chart has been provided as a means to quickly identify a particular tool. The ordering numbers listed represent the most common versions of our tools. If more specialized versions are required, please build your model number per the following model number flow chart.



Example Model Number: **520RA 2 XLTKW ; 8000;727**

Model Number	Spindle Options	Lever Style	Operating Speed/Guard Size
520RA	Please choose one of the following options: 1 - 5/8-11 0.9 Inch 2 - 5/8-11 1.1 Inch	Please choose one of the following options: K - Safety Lever XL - Standard Lever XK - Safety Lever XB - Thumb Switch XLTK - Turned/Knurled Standard Lever XKTK - Turned/Knurled Safety Lever XBTk - Turned/Knurled Thumb Switch XLTKW - Turned/Knurled/Cushioned Standard Lever XKTKW - Turned/Knurled/Cushioned Safety Lever XBTkW - Turned/Knurled/Cushioned Thumb Switch	Please choose one of the following options: 6000;727 - 6000 R.P.M. with 7 Inch Wheel Guard 6000;927 - 6000 R.P.M. with 9 Inch Wheel Guard 8000;727 - 8000 R.P.M. with 7 Inch Wheel Guard 6000;1041 - 6000 R.P.M. with 10 Inch Wheel Guard*



Governor Controlled Tool Geared Tool

*Available only with Type 2 Spindle

WARNING: Follow all recommendations from component and abrasive manufacturers for speeds and proper usage.