

INSTRUCTIONS

QuickMount Base

FOR Grind-R-Table & Wheel Dresser

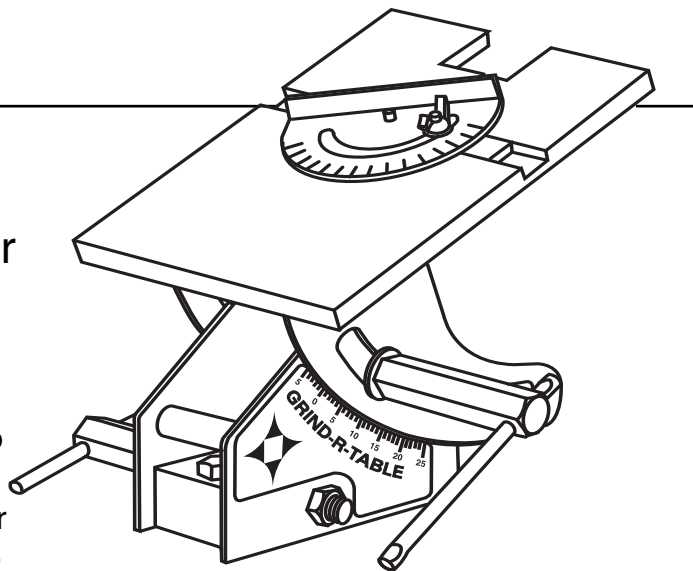
Before You Start...

The QuickMount Base and attachments depend on rigid mounting. You'll need to bolt your grinder to a solid table or mounting plate large enough to accept your grinder and attachments. If your grinder is currently mounted on a pedestal, you will need to sandwich a solid plate between the grinder and pedestal. **IMPORTANT:** You **MUST** remove any rubber feet, pad, etc. from the bottom of your grinder **BEFORE** mounting it. This is necessary to insure a rigid mounting.

Accu-Finish has available a steel mounting plate that makes mounting the QuickMount Base a lot easier. PART NUMBER 001-697 is a 5/16" (.79cm) thick solid steel plate that is 20" (50.8cm) wide by 15" (38.1 cm) deep. This predrilled mounting plate is supplied with four rubber feet in case you want to use it on top of your work bench. The plate can be sandwiched between the grinder and pedestal if desired. This plate weighs 26 lbs, painted with heat-fused epoxy paint and is reasonably priced. **OR**, you can always make your own mounting plate using the dimensions above.

In developing the QuickMount Base system, we used a 7" (17.78cm) Baldor bench grinder as a design standard. This includes the 712 model and many of the 7300 series grinders. If you have one of these grinders, installing the QuickMount Base will be easier. If you are in the market to buy a new grinder, Accu-Finish distributes the 7" Baldor at very competitive prices. Call and talk to our sales department: 1-800-835-3519

IMPORTANT: Please review all mounting instructions before drilling any holes. All dimensions should be held to within 1/16" or so if possible.



Grind-R-Table™

CALIBRATED SHARPENING TOOL REST

Turn your bench grinder into a safer and more accurate tool sharpener. The Grind-R-Table is a heavy-duty, solid steel constructed, add-on calibrated "TOOL REST" that fits most 6", 7" and 8" bench grinders. Now anyone can set compound angles on lathe tools, boring tools, threading tools and dozens more. You will grind tools that machine to closer tolerances and produce finer parts.

Order #001-696 - Grind-R-Table

Includes: Table, Protractor "T" Slide and Base Block

Order #001-754 - Special Package

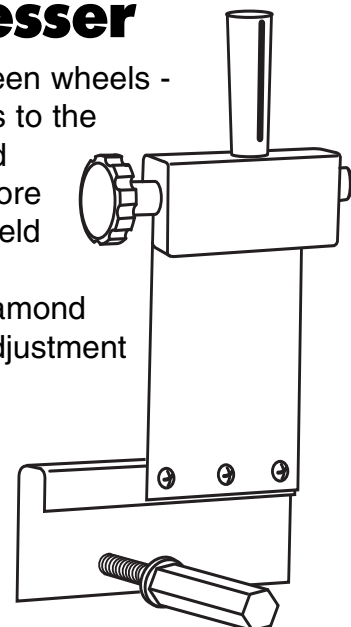
Includes: Two Grind-R-Tables, accessories and a 001-697 Plate

QuickMount Wheel Dresser

Lets you dress green wheels - flat and true. Attaches to the QuickMount base and is safer to use and more accurate than hand-held dressers. Includes a 1/4 carat mounted diamond with a micro-screw adjustment for precise dressing.

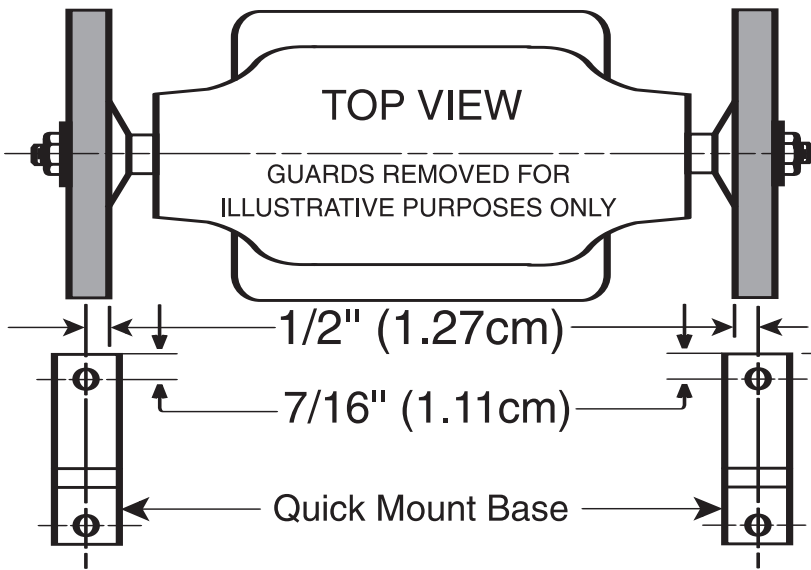
Order #001-722 Wheel Dresser

1/4 Carat Diamond
Replacement
Order #001-436



Accu-Finish®

FIGURE 1



WHEEL DIAMETER

5"	6"	7"	8"
(12.70cm)	(15.24cm)	(17.78cm)	(20.32cm)
3-7/8"	4-3/8"	4-7/8"	5-3/8"
(9.84cm)	(11.11cm)	(12.38cm)	(13.65cm)

IMPORTANT

The guards are removed from the grinder only for clarity of these illustrations. **NEVER OPERATE YOUR GRINDER LIKE THIS OR WITH ANY GUARDS REMOVED.**

There are hundreds of different bench grinders. The Grind-R-Table was designed to fit a Baldor 7" bench grinder as a standard.

Figure 1 shows how you should mount your QuickMount Base in relation to the wheel diameter and spacing between your wheels.

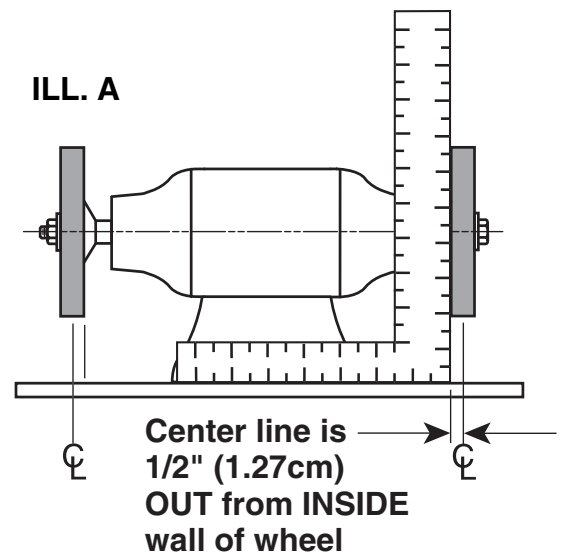
Figure 2 shows how to adjust for the correct wheel height.

First decide what basic wheel size your grinder uses. This should be the standard diameter of a **NEW** wheel. Once you know the wheel diameter, the distance from the center-line to the front of the QuickMount Base is determined.

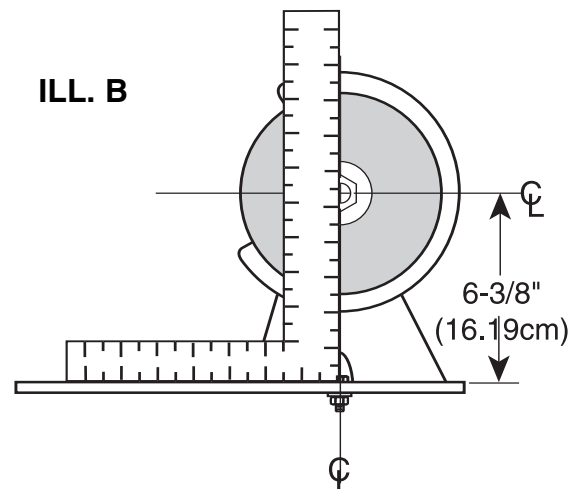
If you are only mounting one QuickMount Base, you will need to decide which side to put it on. If you don't have a preference, we suggest the right side. Next, notice (Fig. 1) the center-line of the QuickMount Base is 1/2" (1.27cm) in from the inside edge of the grinding wheel. Use a carpenter's square to locate the edge of the wheel on the table / plate surface (See ILL. A). This puts the QuickMount Base on center for a 1" wide wheel. If your wheel is less than 1" (2.54cm) wide, the block will be proportionally off center. We advise that you still use this 1/2" (1.27cm) offset even if your wheels are less than 1" wide. This is so all attachments will work without having to move your base at a later date.

NOTE: The MAXIMUM wheel width for QuickMount Attachments is 1" (2.54cm) wide. DO NOT USE ANY OF THESE ATTACHMENTS ON GRINDERS EQUIPPED WITH WHEELS WIDER THAT 1" (2.54cm).

ILL. A



ILL. B



Before drilling any holes for the QuickMount Base note that the front hole is 7/16" (11.1mm) back from the front edge of the base. Use the template (below) to find the center of the holes for drilling. We suggest using 5/16" (7.9mm) bolts and drilling 7/16" (11.1mm) holes in the mounting plate. This allows for some final adjustments before tightening.

IMPORTANT: The QuickMount Base must be parallel to the grinding wheel. Be sure that the base is not cocked relative to the wheel before final tightening of the bolts.

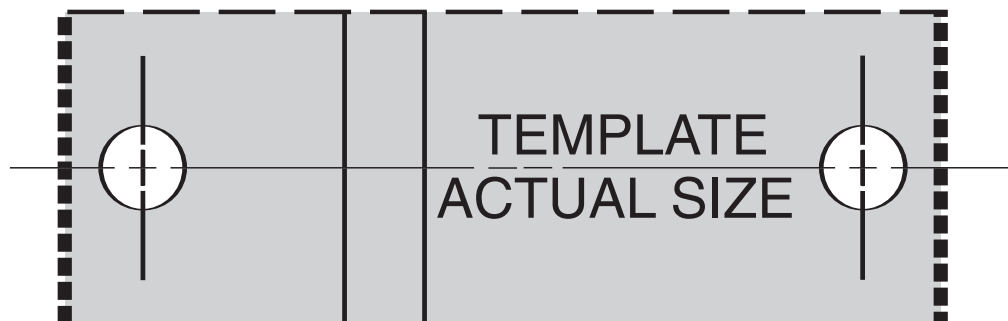
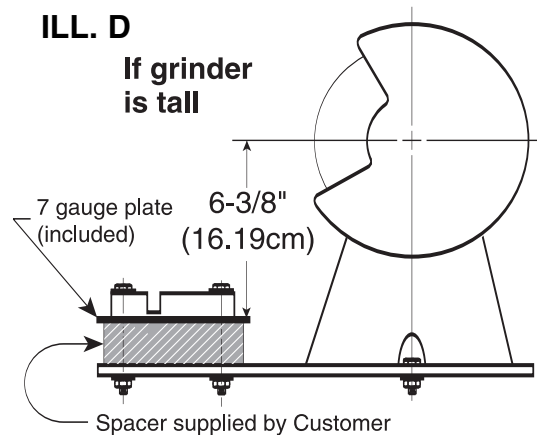
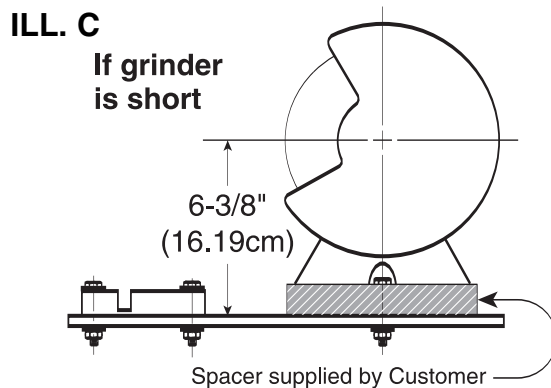
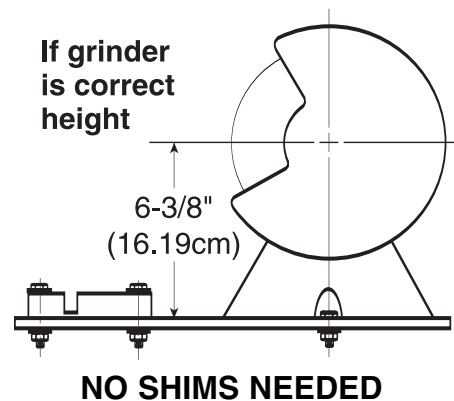
Once the dimensions and parallelism conditions of Figure 1 are met, the only remaining detail is proper height. Remove the end plate from the grinder to expose the arbor. Using a carpenters square, determine the distance from the surface to the center of the arbor. (See ILL. B) **IMPORTANT: REMOVE ALL RUBBER FEET OR PADS FROM THE BOTTOM OF THE GRINDER.** If the distance is less than 6-3/8" (16.19cm) you will need to add a spacer (shim) below the grinder that is the right thickness to bring the arbor center up to 6-3/8" (16.19cm) (See ILL. C). If the distance is more than 6-3/8" (16.19cm), you will need to place a spacer (shim) under the QuickMount Base to bring it up so that it is 6-3/8" (16.19cm) from the arbor center to the bottom of the QuickMount Base. (See ILL. D) **NOTE:** Between the spacer and the QuickMount Base is a 7 gauge [.179" (.45cm) thick] steel plate. This plate comes with every QuickMount Base and should only be used to correct the problem of the too tall grinders. If your grinder is too tall you **MUST** use this 7 gauge plate **UNDER** the QuickMount Base. **BE SURE** to allow for the thickness of this .179" (.45cm) plate when figuring the thickness of your spacer under the QuickMount Base. **ALSO**, be sure the 6-3/8" (16.19cm) dimension comes off the **TOP** of the 7 gauge plate.

A final note...

After you're done mounting the QuickMount Base you're ready to use your Grind-R-Table or Wheel Dresser. Remember to remove the attachment, you only have to loosen the handle and lift up. Always turn your grinder off and let the wheel **STOP** before removing or changing any QuickMount attachments. **SAFETY IS YOUR RESPONSIBILITY IN YOUR SHOP.**

Thank you for your business. We hope you find our products to be a good value for your shop. If you need any help, please contact us.

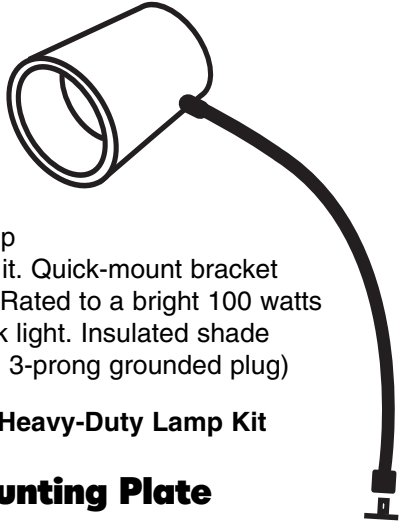
FIGURE 2



Accu-Finish® BENCH GRINDER ACCESSORIES

Lamp Kit

Extra heavy-duty, UL listed lamp has 24" flexible neck that is sealed against oil and grit. So, this lamp stays where you put it. Quick-mount bracket for easy installation. Rated to a bright 100 watts to give plenty of work light. Insulated shade stays cool. (115 Volt, 3-prong grounded plug)

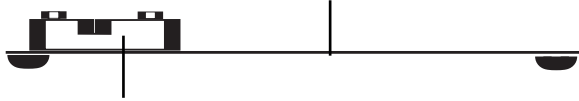


Order #001-756 Heavy-Duty Lamp Kit

Predrilled Mounting Plate

Steel mounting plate for QuickMount Base. 5/16" (.79cm) thick solid steel plate, 20" (50.8cm) wide by 15" (38.1 cm) deep. This predrilled mounting plate is supplied with four rubber feet for bench top use. Plate weighs 26 lbs. and is powder painted.

Order #001-697 Predrilled Mounting Plate



Extra QuickMount Base Block

Some like to use their Grind-R-Table on a small belt sander. With an extra QuickMount Base block you can quickly move the Grind-R-Table from grinder to belt sander -OR- from side to side on your grinder.

Order #001-724 Extra QuickMount Base

Baldor 7" Grinder

Accu-Finish distributes the 7" Baldor bench grinder at a very competitive price!

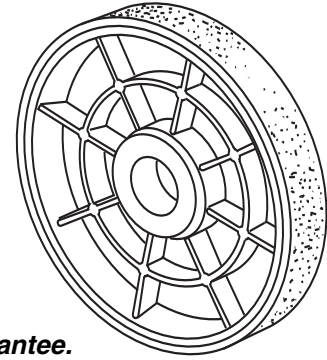
Order #001-704 Baldor 7" Grinder

**To Order Call:
1-800-835-3519**

BG Diamond Wheels

Accu-Finish® BG diamond wheels are designed to handle carbides, ceramics and cermets. BG diamond wheels grind cooler than other wheels, are affordable, long lasting and they stay flat without grooving or needing dressing. Plus, they are not ruined if you accidentally grind steel like other diamond wheels.

BG wheels are 6" O.D. x 1" wide for use up to 3600 RPM.



Money-back guarantee.

BG DIAMOND WHEEL

#001-328	60 Grit	"Rough"
#001-329	80 Grit	"Coarse"
#001-330	100 Grit	"Med. Rough"
#001-331	180 Grit	"Medium"
#001-332	220 Grit	"Med. Fine"
#001-333	360 Grit	"Fine"
#001-372	600 Grit	"Extra Fine"
#001-635	Pkg. "A" (60 & 220)	
#001-636	Pkg. "B" (100 & 360)	

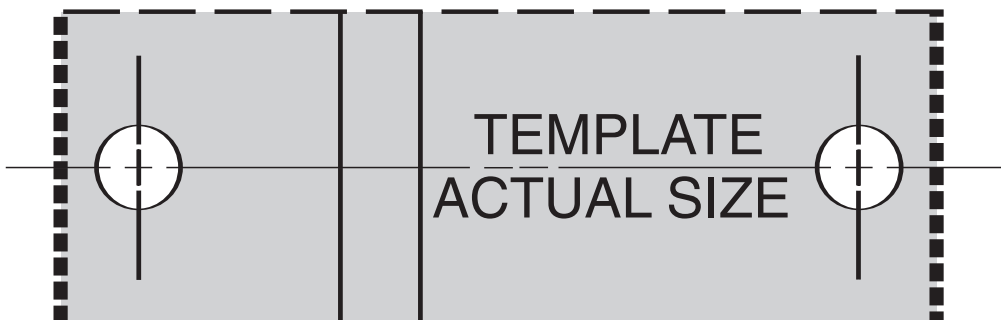
Specify arbor size:

1/2", 5/8", 3/4", 16 or 20mm

Accu-Finish®

To Order Call: 1-800-835-3519

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