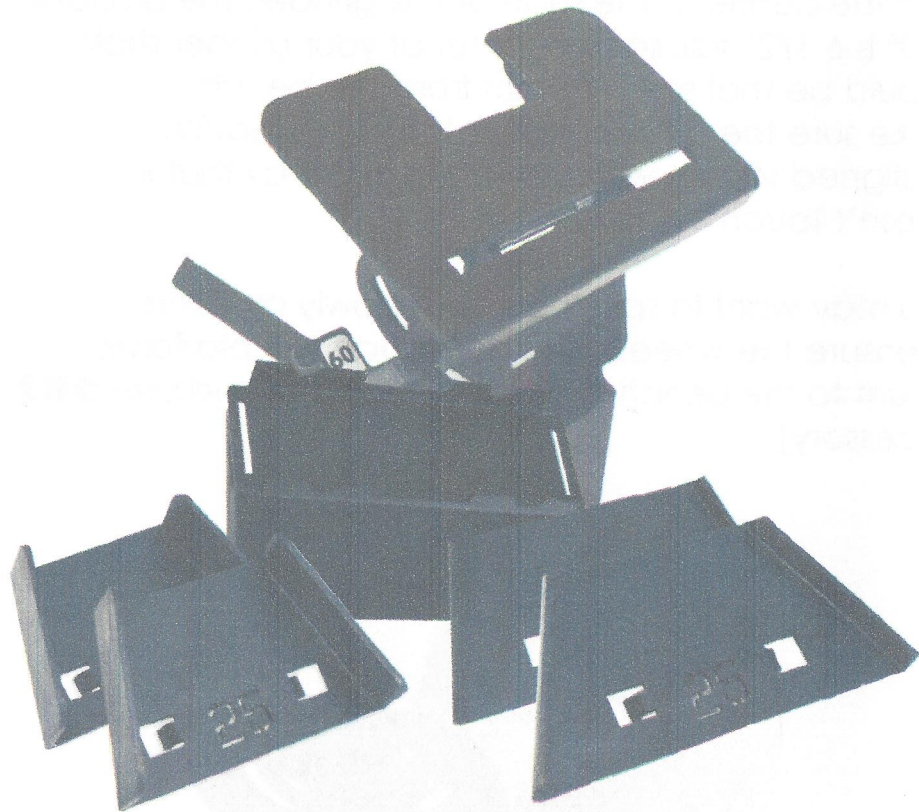


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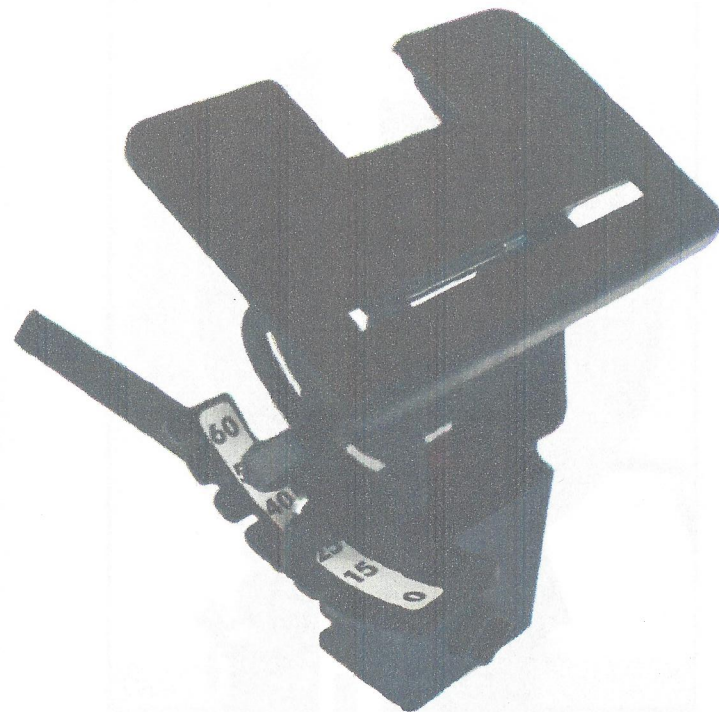


KODIAK
SHARPENING SYSTEM
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678-400-8181

Tool Rest Instruction Manual



Mounting Without Kodiak Grinder Base

Whether using the Kodiak or Wolverine locking bases, the setup process is essentially the same. Make sure your grinder shaft is 6 1/2 inches from the center of the shaft to the surface where Locking Base(s) will be mounted. It may be necessary to put a board or plywood under the base of the grinder to achieve this. Don't use too large a board as it may interfere with the mounting of the Locking Base. Ensure that the base is centered on your wheel from the front, then attach it to the bench.



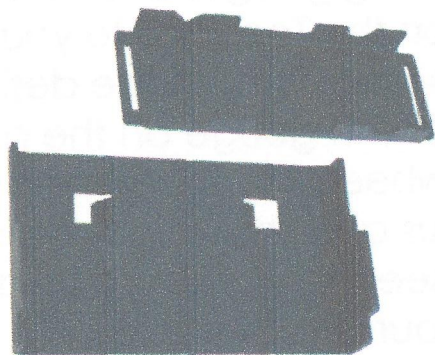
Mounting the Stand Alone Tool Rest

Set the tool rest to 0° and align the platform with the center of the shaft of the grinder. The platform at 0° is 6 1/2" tall, so the center of your grinder shaft should be that same height from the bench. Make sure the "U" shaped notch in the platform is aligned square with the wheel in a way that it doesn't touch the wheel.

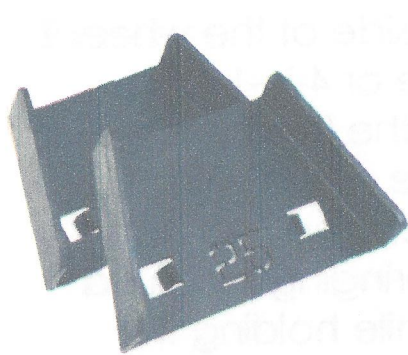
You may want to spin the wheel slowly by hand to ensure the wheel does not touch the platform. Mount to the bench with 4 screws (mark and pre-drill if necessary).



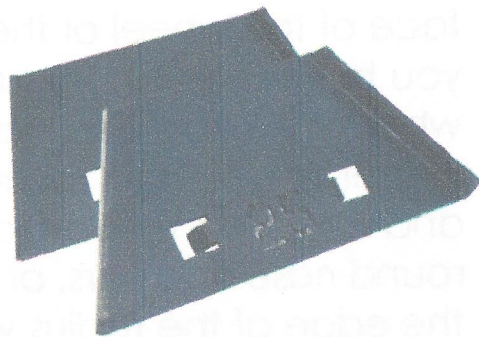
Available Components



Sliding Multi-tool Jig Set



Vertical Skew
Sharpening Guides
(15° and 25°)



Horizontal Skew
Sharpening Guides
(15° and 25°)

Do's and Dont's

DO make sure your Tool Rest is locked down in the locking base (if applicable) so it doesn't accidentally rub against your CBN wheel.

DON'T set your Tool Rest so it touches your CBN wheel. Trust us, it gets ugly.

DO always wear eye protection.

DON'T put too much pressure on the wheel. CBN is very aggressive and only requires a light touch of pressure.

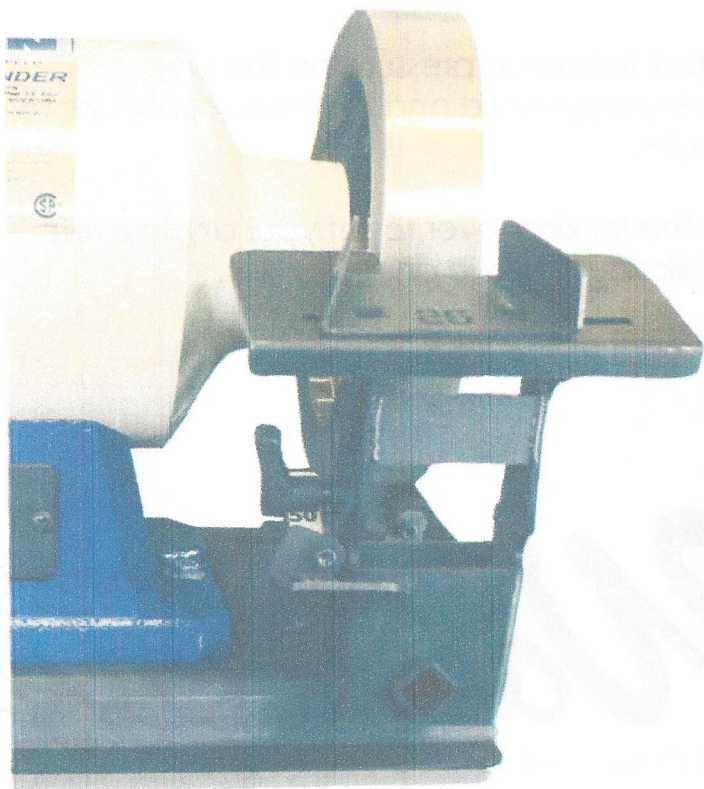
DO use the locking lever to set your angle even if the guillotine arm is in an angle slot.

DON'T forget to have fun turning!

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Mounting With Kodiak Grinder Base

Insert your Tool Rest into the locking base without allowing it to touch the wheel. Tighten the knob on the side of the locking base until the Tool Rest is secured tightly in the base. Adjust the locking base until the "U" shaped slot in the platform is square with the wheel, but not touching the wheel (about 1/16" away from the wheel). Tighten the four screws on the locking base.



A Word About Spindle Roughing Gouges and Scrapers

Spindle roughing gouges should only be sharpened on the Tool Rest to your desired angle. Set the platform at the desired angle and roll the gouge on the platform in front of the wheel. Any other method could be dangerous and should be avoided. Please also see the warning message that came with your CBN wheel.

Scrapers can be sharpened either with the face of the wheel or the side of the wheel if you have a Mega Square or 4-in-1 CBN wheel. You can also use the Radius Edge wheel by utilizing the face of the wheel and rotating the tool back and forth for round nose scrapers, or bringing it around the edge of the radius while holding the tool straight. This can also be done with the radius found on the 4-in-1 wheel. Straight edge scrapers can be sharpened freehand or with the Multi-Tool Jig.