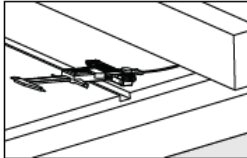
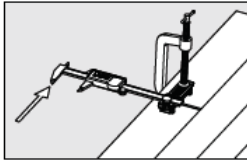


Use Caution



To avoid damage, always close the calipers before removing them and the Mitre Slot Caliper Base from the table saw miter slot.



Always use caution when the calipers extend beyond the work surface. The calipers can be damaged, or cause bodily harm.

Warranty Information

Limited Warranty

MAG-DRO offers a one (1) year limited warranty to repair or replace the Mitre Slot Caliper Base against manufacturing or material defects.

For more tips on the many uses of the Mitre Slot Caliper Base, visit: mag-dro.com



Patent US 8,438,748

Mitre Slot Caliper Base

- Ideal for table saw fence and blade alignment
- Great for quick and accurate adjustments
- Fits most 6-inch calipers*



*Calipers not included

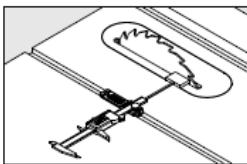
Visit mag-dro.com for tips on the many uses of the Mitre Slot Caliper Base

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AFFORDABLE PRECISION
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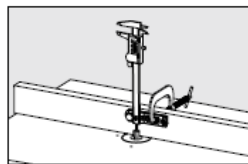
How to Use the Mitre Slot Base in Table Saw Miter Slot (cont.)



Aligning table saw blade

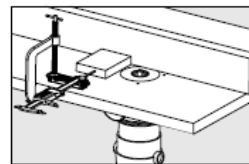
1. Unplug saw. Raise blade just short of full height.
2. Attach calipers as shown and place unit in miter slot.
3. Extend depth probe against blade (spacer may be required). Set calipers to zero.
4. Retract depth probe and slide unit to other end of blade.
5. Extend depth probe against blade (spacer may be required) to check blade alignment.
6. Adjust as necessary. Repeat Steps 3 through 5.

How to Use the Mitre Slot Caliper Base with a "C" Clamp



Adjusting a router table to a specified depth

1. Unplug router. Lower router blade to table top height.
2. Attach calipers to Mitre Slot Caliper Base.
3. Use a "C" clamp to attach calipers to the router table fence as shown above.
4. Extend caliper depth probe against the router blade. Set calipers to zero.
5. Adjust router blade to exact dimension of cut.
6. Use a scrap piece of wood to check depth of cut.



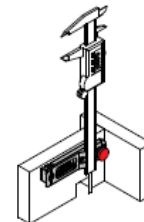
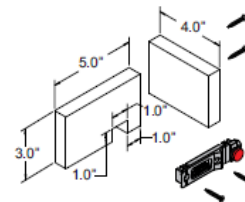
Positioning a router table fence to an exact distance

1. Unplug saw. Lower router blade to table top height.
2. Attach calipers to Mitre Slot Caliper Base.
3. Use a "C" clamp to attach calipers to the router table top as shown above.
4. Use a scrap piece of wood as a spacer between calipers and router table fence. Set calipers to exact measurement of cut, minus the spacer.
5. Use a scrap piece of wood to check placement of cut.

Use Screws with the Mitre Slot Caliper base to Build a Height Gauge

Build a simple height gauge

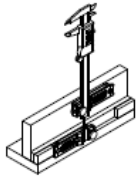
Use scrap lumber, cut to the sizes in the illustration below, to build a functioning height gauge.



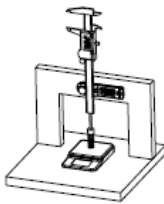
Other Uses for the Mitre Slot Caliper Base

Other ideas

Make an inspection gauge.

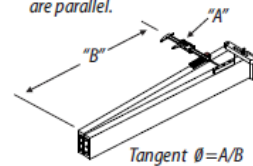


Design and build a fixed-position accuracy tester, like the spring tester shown below.



Build a repeatable angle jig

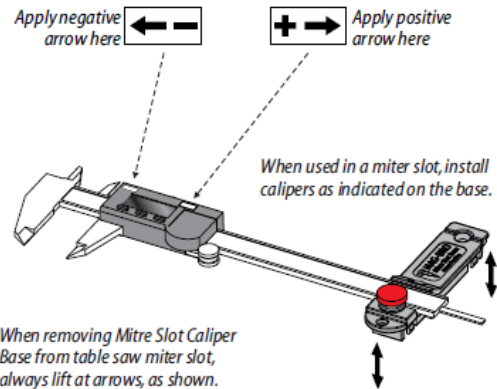
1. Construct the angle jig using 1 in. minimum thickness for the main boards (due to caliper overhang).
2. Set calipers to zero when boards are parallel.



3. Based on "B", calculate and set calipers to "A" dimension.
4. Lock angle jig with thumbscrew.

Angle	Tangent	"A"
1°	0.01746 x B =	_____
2°	0.03492 x B =	_____
3°	0.05241 x B =	_____
4°	0.06993 x B =	_____
5°	0.08749 x B =	_____
6°	0.10510 x B =	_____
7°	0.12278 x B =	_____

Important Information



Important - Please Note:

When using calipers with the Mitre Slot Caliper Base, always use caution, especially when the caliper depth probe is extended. **MAG-DRO** will not accept responsibility for damage to calipers due to improper use.

How to Set Up Mitre Slot Caliper Base

How to install calipers

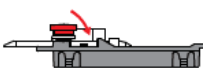
1. Unscrew caliper retention screw 1 1/2 turns.



2. Slip calipers under retention screw, as shown below:



3. Fully seat caliper into slot in base.



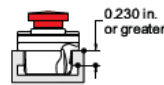
4. Tighten caliper retention screw until calipers are firmly held in Mitre Slot Caliper Base.



Compatible table saw slots



3/4 in. slot with springs working



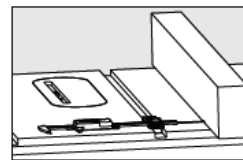
3/4 in. "T" slot with springs not working

Non-compatible table saw slots



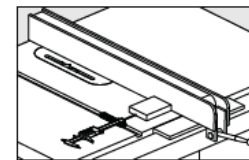
3/4 in. "T" slot in which Mitre Slot Caliper Base will not work

How to Use the Mitre Slot Caliper Base in Table Saw Miter Slot



Aligning table saw fence

1. Drop table saw blade below table top.
2. Attach calipers as shown and place unit in miter slot.
3. Extend depth probe against fence. Set calipers to zero.
4. Retract depth probe and slide unit to other end of fence.
5. Extend depth probe and slide unit to check fence alignment.
6. Adjust as necessary. Repeat Steps 1 through 4.



Micro-adjusting table saw fence

1. Make test cut. Measure with calipers.
2. Attach calipers as shown and place unit in miter slot.
3. Extend depth probe against fence or spacer. Set calipers to zero.
4. While pressing lightly on caliper jaws to hold depth probe against fence or spacer, adjust fence to desired measurement.