New version of Home Made Grinding Jig

This is a picture of the “New and Improved Version” (Sounds like a soap add on TV!). My friend Claude bought some used gouges and they were too short to sharpen with his jig so I modified the plans. It gives more room for a big handle close to the jig and almost 1” more to sharpen. That should keep him happy for a while! If he woodturn's more than he sharpens… The travel and angle of the jig are exactly the same for both models.

Both plans come in the “Bundle”, just decide to print or not, build or not, turn or not, chips or nuts…

Have fun and work safely!

Jean Michel.
2002-03-24
NOTE:

B-72 Mini Channel is held with small #6-32 screws 3/16" long and T-Nuts. T-Nuts must be ground shorter to fit and recessed in the wood. Mini Channel must be drilled and tapered to recess bolt heads.

T Holder is held to bench with Hanger Bolts that are 1/4" screws that have a machined bolt threaded head 1/4"-20 with wing nuts or other means of attachment 1/4" in DIA. 6 1/8" apart and centering the jig to the grinder wheel.

Jean Michel  
1" = 2.5"  
In Delphcad  
2001-11-20

Toolrest T holder (Grinder)  
Toolrest holder for jigs & tools.  
Baltic Birch 11/16" (18mm)  
1 of 1
Base for Veritas Tool Rest

Jean Michel | 1" = 2" | 2002-01-13
Hold down base for Veritas Tool Rest

Baltic Birch 11/16" (18mm) | 1 of 1

NOTE: The Base for the Veritas tool rest is held to bench with Hanger Bolts, they are 1/4" wood screws that have a machined bolt threaded head 1/4"-20 with wing nuts or other mean of attachement 1/4" in DIA.

This tool rest is used to true the stones on the grinders with it’s Veritas Grinding Jig and Diamond point. Also used to grind wood chisels to grind wood chisels.
NOTE: The Pivot Holder is held to bench with Hanger Bolts, they are 1/4" screws that have a machined bolt threaded head 1/4"-20 with wing nuts or other mean of attachement 1/4" in DIA.
Pivoting jig holder (Grinder)

Jean Michel 

1" = 2"

2001-11-20

Pivoting holder for grinding jigs.

Baltic Birch 11/16" (18mm)

Hinged adjustable lock for height of pivoting holder

Pre drill 1/16" DIA. 1 1/2" deep

Dado for Bee-Line B72 Mini channel.

Maple or other hard wood 5/16" thick

Pre drill 13/64" for tapping 1/4" x 20TPI

Hard wood dowel

NOTE: B-72 Mini Channel is held with small #6-32 flat head machine screws 1/4" long and T-Nuts. T-Nuts must be grinded shorter to fit in the wood and the holes in the channel have to be countersunk for the screw heads.

Pre drill 1/16" DIA. 1 1/2" deep

Dado for Bee-Line B72 Mini channel.
Gouge handle and jig rest

Jean Michel

1" = 2" in Deltacad 2001-11-20

Jig support and gouge handle holder.

Baltic Birch 11/16" (18mm)

1 of 1

Note: Held down with 3/8" DIA. x 1 1/4" long carriage bolts with head grinded with two flats to fit in Bee Line B-72 Mini channel.
Skewchisel rest holder

Jean Michel 1" = 2.5"
In Deltacad 2001-11-20
Holds skew chisels handle rests.
Baltic Birch 11/16" (18mm) 1 of 1

Note: Held down with 3/8" DIA. x 1 1/4" long carriage bolts with head grinded with two flats to fit in Bee Line B-72 Mini channel.
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Note: Held down with 3/8" DIA. x 1 1/4" long carriage bolts with head grinded with two flats to fit in Bee Line B-72 Mini channel.
High Toolrest (Grinder)

Jean Michel

1" = 2.5"
In DeliCAD
2001-11-20

Toolrest for scrapers on fixed T holder.

Baltic Birch 11/16" (18mm)

1 of 1

Note: Held down with 3/8" DIA. x 1 1/4" long carriage bolts with head grinded with two flats to fit in Bee Line B-72 Mini channel.
NOTE: The Flat Rest is hinged to its mounts with Hanger Bolts, they are 1/4" wood screws that have a machined bolt threaded head 1/4"-20 with wing nuts.

Note: Held down with 3/8" DIA. x 1 1/4" long carriage bolts with head grinded with two flats to fit in Bee Line B-72 Mini channel.
NOTE: Try to make parts that are the same at the same time.

Reg. Home Made Grinding Jig

Jig to grind bowl and spindle gouges (dif. grinds)

Try to make both pieces identical to have a straight joint (like the two sides of a two ends)


Jean Michel

In. = 1" 2001-11-25

1" = 1"

Jig to grind bowl and spindle gouges (dif. grinds)

NOTE: Try to make both pieces identical to have a straight joint (like the two sides of a two ends)


Jean Michel

In. = 1" 2001-11-25

1" = 1"

Jig to grind bowl and spindle gouges (dif. grinds)

NOTE: Try to make both pieces identical to have a straight joint (like the two sides of a two ends)


Jean Michel

In. = 1" 2001-11-25

1" = 1"

Jig to grind bowl and spindle gouges (dif. grinds)

NOTE: Try to make both pieces identical to have a straight joint (like the two sides of a two ends)


Jean Michel

In. = 1" 2001-11-25

1" = 1"

Jig to grind bowl and spindle gouges (dif. grinds)

NOTE: Try to make both pieces identical to have a straight joint (like the two sides of a two ends)


Jean Michel

In. = 1" 2001-11-25

1" = 1"
Short Home Made Grinding Jig

NOTE: Try to make parts that are the same at the same time

This shorter Jig was made to be able to grind the bevel of shorter gouges gaining 3/4" and a little more space to let the handle come closer to the Jig in the block. (Like the two sides & two ends)

Jig to grind bowl and spindle gouges (dif. grinds)

NOTE: Try to make parts that are the same at the same time

Attatched together to make both pieces identical to have a straight