



8680, 8690 & 8695 Hdw. Marking Jigs

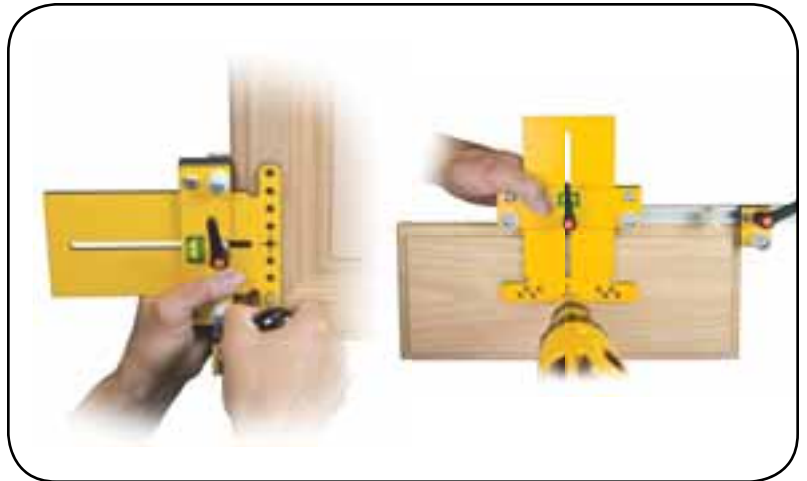
Please Read Carefully!

Parts List:

You will receive *ONE* of the Marking Plates below with the 8680 or 8690 and *BOTH* Marking Plates with the 8695:

Part	Description	Quantity
8680B	Inch Marking Plate	1
8690B	Metric Marking Plate	1
8680A	1/2" Cap	1
8680C	1/4" Cap	1
8610D	Indexing Plate	1
8610E	Indexing Plate Riser	1
4208	7-7/8" One Track	1
4216	15-7/8" One Track	1

Plus the parts listed below:



Part#	Description	Qty.
5771B	3/4" Screw	2

Part#	Description	Qty.
MF035	1/2" Screw	2

Part#	Description	Qty.
HB030	1" Bolt	1

Part#	Description	Qty.
WB002	Washer	1

Part#	Description	Qty.
MP150	1-1/2" Screw	2

Part#	Description	Qty.
5521	Thumb Nut	2

Part#	Description	Qty.
HB050	1-1/2" Bolt	1

Part#	Description	Qty.
BUSH5050	1/2" Spacer	1

Part#	Description	Qty.
BUSH001	1/8" Spacer	3

Part#	Description	Qty.
MP200	2" Screw	1

Part#	Description	Qty.
5860	Ratchet Handle	1

Part#	Description	Qty.
5863	Ratchet Hand. w/stud	1

Part#	Description	Qty.
BUSH050	3/8" Spacer	5

Part#	Description	Qty.
BUSH004	5/8" Spacer	2

Part#	Description	Qty.
5760B	Oval Nut	2

BEFORE BEGINNING

Identify and verify that you have all the parts listed. Read the instructions at least once before beginning.

ASSEMBLY

Attach the 1/4" Cap (**8680C**) to the 1/2" Cap (**8680A**) using the 3/4" screws (**5771B**). *See fig. 1.*

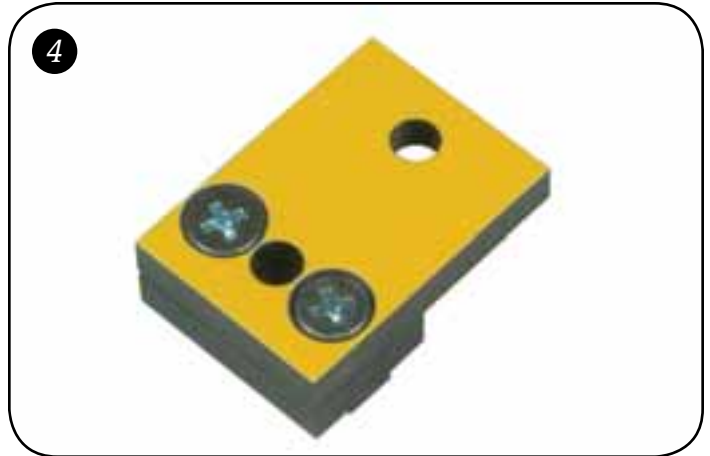
Install a 1/8" Spacer (**BUSH001**) and then a 3/8" Spacer (**BUSH050**) on both of the 1-1/2" Screws (**MP150**). Insert the screws thru the two open holes in the Caps and start an Oval Nut (**5760B**) on the end of each screw. *See fig. 2.*

Lay the assembly on edge. Slide the 7-7/8" One Track (**4208, used for doors**) or 15-7/8" One Track (**4216, used for drawers**) on the oval nuts until it's flush with one end of the assembly, then tighten the 1-1/2" screws. *See fig. 2.*

Slide the Marking Plate (**8680B or 8690B**) in the slot of the assembly with the shallow black cross-hairs in the Plate facing the 1/4" Cap. The slot in the Marking Plate should be lined up with the tapped hole in the 1/2" Cap below it. Install a 1/2" Bushing (**BUSH5050**) and a washer (**WB002**) on a Ratchet Handle w/stud (**5863**). Install the Ratchet Handle w/stud thru the slot in the Marking Plate and start it in the tapped hole in the 1/2" Cap. *See fig. 3.*

Attach the Indexing Plate (**8610D**) to the Indexing Plate Riser (**8610E**) using the 1/2" screws (**MF035**). *See fig. 4.*

Insert a 1" bolt (**HB030**) thru the assembly, install a 1/8" Spacer (**BUSH001**) and start a Ratchet Handle (**5860**) on the end of the bolt. Slide the assembly on the One Track and tighten. Install a 5/8" Bushing (**BUSH004**) on the 2" Screw (**MP200**), insert the screw thru the hole in the Indexing Plate, install another 5/8" Bushing and then the Thumb Nut (**5521**). *See fig. 5.*



For 16" One Track only: Install three 3/8" Spacers (**BUSH050**) on the 1-1/2" Bolt (**HB050**) and start a Thumb Nut (**5521**) on the end of the bolt. The spacers provide extra support for the jig when it's flipped. Slide the bolt/spacers on the One Track before installing the Indexing Plate. After positioning the Indexing Plate, slide the bolt/spacers against the Indexing Plate and tighten. *See fig. 7.*

USING THE JIG

The jig can be flipped to go from left to right or top to bottom. The Inch Marking Plate has two rows of holes. The holes in line with the cross-hair are spaced 3" & 4" on center. The row next to it is 1/4" from the cross-hair (keep this in mind when measuring) and spaced 2-1/2" & 3-1/2" on center. The Metric Marking Plate has holes at 32mm, 64mm, 96mm & 128mm on center. *See fig. 6.*

Slide the Marking Plate as far as possible in the jig so the cross-hairs on the Marking Plate are as close as possible to the 1/4" Cap. Measure from the inside of the bushing on the Indexing Plate to the cross-hair on the Marking Plate, moving the Indexing Plate to set the distance needed (up to 12" or 305mm max.). *See fig. 7.*

Next, slide the Marking Plate out of the jig and measure from the edge of the 1/4" Cap to the cross-hair on the Marking Plate (add 1/4" if using the 2-1/2" & 3-1/2" row) to set the distance needed (up to 6-1/4" or 155mm max.). *See fig. 8.*

Use a 1/4" Marking Punch (**8600** - *see fig. 9*) to mark the holes for drilling. Or use a Self-Centering bit (**6505** or **6507**) if you prefer marking the hole locations with a drill. The advantage of using a Self-Centering drill is that the hole is already started when you go to drill it for the hardware, so it's easier to keep the bit centered. *See front page.*

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