

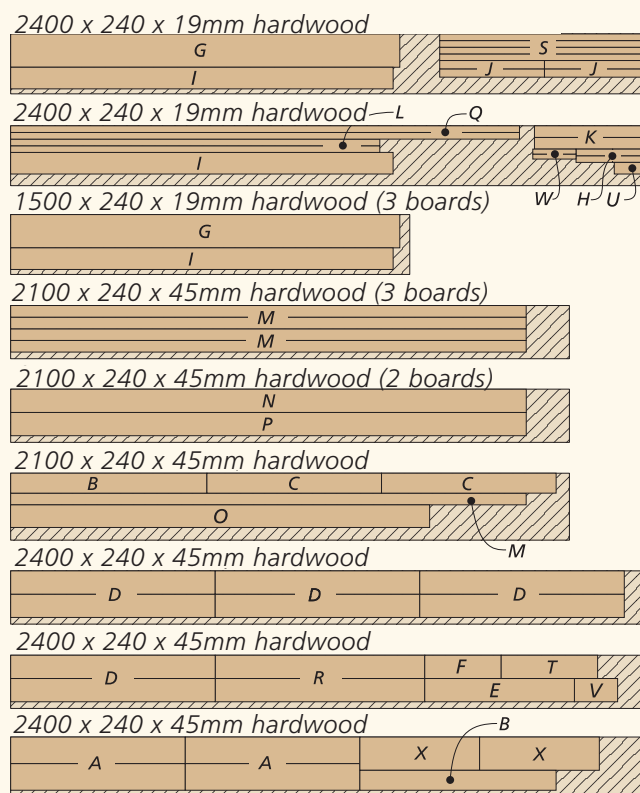
corrected cutting diagram

# WORKBENCH

## Materials, Supplies, & Cutting Diagram

Hard Maple was used to construct this workbench. Workbenches are traditionally built out of local hardwoods. In Eastern Australia Tasmanian Oak, Black Butt or Blue Gum could be used. Western Australian Jarrah would make an excellent bench.

<b>A</b>	Feet (2)	665 x 100 x 90
<b>B</b>	Long Support Arm (1)	750 x 90 x 76
<b>C</b>	Short Support Arm (1)	665 x 90 x 76
<b>D</b>	Legs (4)	765 x 90 x 76
<b>E</b>	Long Mounting Spacer (1)	565 x 90 x 45
<b>F</b>	Short Mounting Spacer (1)	290 x 90 x 45
<b>G</b>	Stretchers (2)	1484 x 125 x 38
<b>H</b>	Stretcher Keys (2)	140 x 25 x 19
<b>I</b>	Shelf Boards (5)	1420 x 82 x 19
<b>J</b>	Shelf Cleats (4)	390 x 32 x 19
<b>K</b>	Shelf End Caps (2)	430 x 45 x 19
<b>L</b>	Shelf Support Rails (2)	1410 x 25 x 19
<b>M</b>	Top Slab Strips (13)	1970 x 45 x 45
<b>N</b>	Inner/Outer Front Aprons (2)	1970 x 90 x 45
<b>O</b>	Middle Front Apron (1)	1600 x 90 x 45
<b>P</b>	Back Apron (2)	1970 x 90 x 45
<b>Q</b>	Apron Splines (2)	1970 x 24 x 6
<b>R</b>	End Caps (2)	810 x 90 x 45
<b>S</b>	End Cap Splines (4)	810 x 24 x 12
<b>T</b>	Front Vice Spacer (1)	370 x 90 x 25
<b>U</b>	Tail Vice Spacer (1)	135 x 45 x 19
<b>V</b>	Tail Vice Block (1)	165 x 45 x 90
<b>W</b>	Tail Vice Block Runners (2)	165 x 19 x 19
<b>X</b>	Front Vice Jaw Block (1)	450 x 125 x 90



- (1) Large Front Vice w/Handle
- (1) Shoulder Vice Screw w/Handle
- (4) 110 x 19mm-dia Bench Dogs
- (4)  $\frac{3}{8}$ " Whit x 150mm Hex Bolts
- (3)  $\frac{3}{8}$ " Whit x 125mm Hex Bolts
- (1)  $\frac{3}{8}$ " Whit x 65mm Hex Bolt
- (1)  $\frac{3}{8}$ " Whit x 50mm Hex Bolt
- (4)  $\frac{3}{8}$ " Whit Hex Nuts
- (5)  $\frac{3}{8}$ " Whit Threaded Inserts
- (9)  $\frac{3}{8}$ " Washers
- (2)  $\frac{5}{16}$ " Whit x 75mm Lag Screws
- (2)  $\frac{5}{16}$ " Washers
- (50) 8g x 32mm c/s. Woodscrews
- (2)  $\frac{1}{2}$ "-dia. x 60mm Dowels
- (4) 8g x 65mm c/s. Woodscrews

This project is designed out off standard 19mm and 45mm thickness stock. The thickness of components will be multiples of 19 (38 and 76) and 45 (90). Adjust the plans if you are using decking material at 18mm thickness of Oregon at 42mm