

## DiamondBack

A six-sided cube, with a diamond-shaped outer panel on each side. These panels don't push in any direction: they simply turn.

All six must be turned to remove the lid, but you don't know which way to turn them, or in what order.

And yet, only ten moves to open the box...

Size of this box is 4" by 4" by 4", if made from 1/8" wood, but the plans are T-Plans, allowing you to make this at any size.

Note: There is some fairly precise cutting to do, and because of the "rotational" movements, you will probably spend some time "adjusting" the inner discs...



## The 4 sun 53 step box

This puzzle box works very similar to the traditional Japanese puzzle box, in that all the moves are controlled by only two sliders, one at each end. These sliders allow the end panels to move vertically, and they in turn allow the top and bottom panels to move horizontally. Eventually, the top panel will slide off sideways. That's what normally happens... However, just when you think the lid is about to come off, the box appears to lock up. Strangely, the only way to get the lid off, is to start closing the box again...

This sounds just like "The Bridge" puzzle box, but just when you think the lid is ready to come off, the box locks again!

Because you've taken the wrong path.

This box is similar to "The Bridge", but there's extra moves and an extra path put in, and now takes **53 moves** to open.

Easy to make, the size is 5" by 3-1/2" by 2-1/2", if made from 1/8" thick wood, but the plans are T-Plans, which allow you to make this at any size.



## Marble

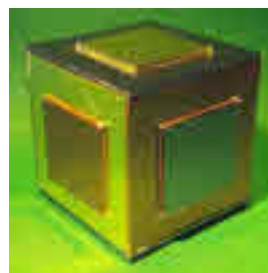
This looks a bit like a 1930's "Art Decor" jewellery or cigarette box made from marble slabs, with gold-coloured columns on each corner.

Five panels on the lid and another outer panel on each of the four sides. None of these panels will move at first.

So how do you open the box?

If you have a look at the Photo Guide, you may be able to work it out, or watch the video to see how to start opening it.

Size of the box is 5-1/4" by 5-1/4" by 3-1/4", if made from 1/8" wood. The plans are T-Plans, which enable you to make this at any size.



## Metallibox

Apart from the "metallic" look, this box has the appearance as Diamondback, having an outer panel on each side.

But this box opens very differently to that one.

It has the traditional opening moves of an Oriental box, with a few of my own moves.

Instead of having sliders and moving panels, a single outer panel on each side combines those moves together.

The metallic look was done by covering the sides and panels with gold, silver and copper metallic paper.

Size of this box is 4" by 4" by 4" if made from 1/8" wood, but the plans are T-Plans, allowing you to make this at any size.



## Illogical

This is another "sliding panel" puzzle box, where only one panel will move to start with. That will leave a slight gap at one end, which seems to indicate which is the next panel to be moved.

But that next panel won't move.

The next panel to be moved doesn't seem to have any relationship to the first panel. How odd...

And so it goes on, right round the box, and do the same thing again, until after twelve moves, the lid will come off.

Size of this box is 4-1/2" by 3-1/2" by 3" if made from 1/8" wood, but the plans are T-Plans, allowing you to make this at any size.