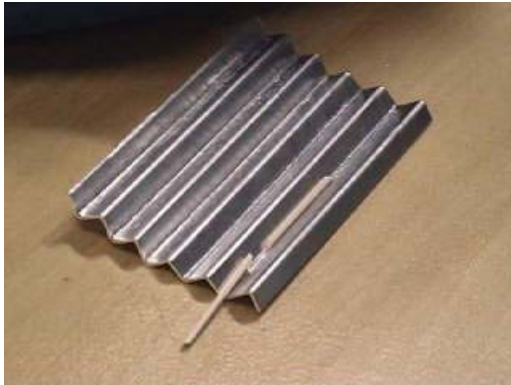


Toothpick Bridge Contest

How to make a toothpick bridge Making straight sticks.

The bridge made with straight sticks is beautiful. Beautiful bridges aren't always strong, but a strong bridge is always beautiful.

Corrugated sheet method



The corrugated sheet was made by bending a board of aluminum
It's glued together while holding from above.

Steel plate guide method



The sticks are pressed between two steel plates..

Rolling method



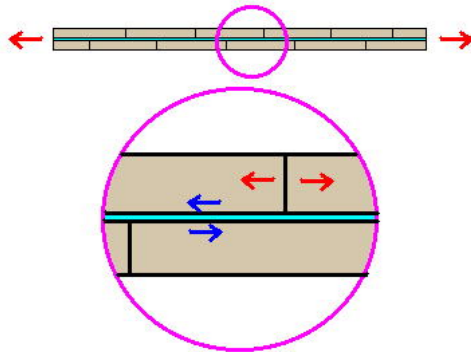
It rolls on the flat board.

Washing scissor method



When gluing two sticks together, this method is convenient.

Note for gluing more than two sticks and making a thick stick



To prevent making a weak point of the bridge, you may not line up the gaps between each toothpick. Shearing stress (blue arrow) that impacts the next toothpick supplements the lack of tensional stress (red arrow) that impacts the glued part.

Sticks are used as the materials of the bridge.



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