

This week I started using the ABS comb I got from [thingiverse.com](http://thingiverse.com). It was too big for the RepRap's bed so I had to scale it down, however it then turned out too small. I decided to use it anyway.

I knew it would not be strong enough as my ideal comb, but it did surprise me because it actually detangled my hair without breaking. For its first use, I used it as a head scratcher – it is nice because the curved design hugs the curve of the skull nicely. That said, the teeth were too pointy and scratched too “effectively” and because of its size, it was too flimsy to tackle big areas. It was better for quick, small scratches.

I then tried using it to detangle my hair in the shower. It worked best when I used it with less layers of hair – which ended up taking longer than usual. Again, the fine pointed teeth were very bothersome on my head. Whenever, I used it as I would with my usual comb (detangling big sections at a time), I noticed the teeth wouldn't go through all of the hair, and it would stop moving easily. So after adding some force to the pulling motion, I ended up bending the comb.

The size made it uncomfortable to hold, and it would slip from my grip constantly. The teeth were too close together for my hair's thickness so it would either not budge and get stuck in my hair, or it was damaging the individual strands (causing them to break/creating split ends). It did do well though with small sections of hair and small knots.

To work better with my hair in particular, the comb would need a thicker and stronger handle to grip, as well as thicker teeth that are wider apart and soft on the ends.

I did try the comb on someone else who has straight hair. It was easier to comb through the hair but the person did have a lot of hair as well, so it was still not practical.