

## Application No. 156: Drinking tube holder

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### A comfortable solution - bye bye clasp!

One or two times a year I go hiking with friends. Usually, we are out and about for approx. one week with everything that you need to survive: "field kitchen", tent, food, etc.

Before this years' hike in May I realized at the very last moment that the clasp that holds my drinking tube was missing. Without it, the drinking tube hangs down all the time and loses water - and water is very important when hiking. I had only 2 minutes left before we had to go to the train.

In a matter of seconds, it became clear: In no time I ripped off two strips of standard duct tape. I used one to attach a S-12-06-N ([www.supermagnete.de/eng/S-12-06-N](http://www.supermagnete.de/eng/S-12-06-N)) to the strap of the backpack. The other one taped three small S-05-02-N52N ([www.supermagnete.de/eng/S-05-02-N52N](http://www.supermagnete.de/eng/S-05-02-N52N)) to the drinking tube.

I could have done it a bit more nicely (the whole thing looks rather wrinkled), but at the time I was in a hurry. However, the construction fulfilled its mission perfectly.



During the one week hike the drinking tube did not fall down once, and I could just grab it if I wanted to drink during a quick break (or also during an ascent).

No futzing around anymore: Just take the tube, drink and then "hang it up" again: GREAT!



That's what a happy tinkerer looks like

I liked the construction so much that I don't even use the original tube holder anymore.

But I improved the design a little bit:

I attached the small S-05-02-N52N disc magnets ([www.supermagnete.de/eng/S-05-02-N52N](http://www.supermagnete.de/eng/S-05-02-N52N)) to the drinking tube with a transparent adhesive tape. It looks a little bit more elegant this way.



Also, the duct tape on the strap of the backpack is now a little less prominent. But it still holds the big disc magnet in its place.

Now, people can marvel at the elegant and practical construction!



Caution: People with a heart pacemaker must not carry magnets near the chest (like here on the strap of the backpack)!

#### Articles used

3 x S-05-02-N52N: Disc magnet Ø 5 mm, height 2 mm ([www.supermagnete.de/eng/S-05-02-N52N](http://www.supermagnete.de/eng/S-05-02-N52N))

1 x S-12-06-N: Disc magnet Ø 12 mm, height 6 mm ([www.supermagnete.de/eng/S-12-06-N](http://www.supermagnete.de/eng/S-12-06-N))

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