



Golf Driver Tee (magnetic connector) V1



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Summary

This is a golf tee in which the tee and the base are connected by magnets and a lanyard.



11.29 hrs



2 pcs



0.15 mm



0.40 mm



PC
Special



8 g



Prusa
MK2.5/S

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Tags: [golf](#) [tee](#)

Magnetic Driver Tee Model Objective

Are you losing your driver tees due to breakage or seeing them launching into the abyss after a drive when playing golf. Here is a golf driver tee that connects to an anchor (via fishing line/string - max 1mm diameter) and magnets that should help reduce the occurrence of lost tees and if printed with TPU (Tee) or PC-TPE (anchor) will be harder to break than wooden, PETG or PLA tees.

About the Driver Tee Usage

These models are for use on real turf and should be used as per usage Tee rules (see below rules) even though I am not sure what "difficult turf

conditions" actually means. When not in use the anchor and tee connect together using small 3mm diameter x2 mm height magnets (one in the anchor and one in the tee. When used place the anchor in the ground and then place the tee (models for 2.5, 2 and 1.5 inches provided) on top.

Driver Tee/Anchor Assembly

Use <1mm diameter thin string or fishing line (I used 6 inches of 20lb test fishing line) to tether the anchor to the tee via the 2 holes on the anchor and tee. Make sure you tie the knot appropriately so it does not unknot itself under stress.

2 magnets (3mm diameter by 2mm height) are required. Place one magnet in the anchor and the 2nd magnet in the tee. I used super glue to secure the magnets into each part.

Printing Tips

Print tee using TPU (very flexible) and print the anchor using PC or PC-TPE. Printing with flexible filaments takes significantly longer to print than others such as PLA or PETG. Print using a bright colour (so the tee and anchor can be easily seen if they launch away from the tee area)

No Supports required

No Pause code required

In the .gcode I included a cylinder modifier to reduce speed of print for the column areas <5mm wide since I found the PC-TPE and TPU was losing its ability to form a coherent shape (but this may not be required depending on how well you have tuned your filament and 3dPrinter setup).

Testing

The stacked Tee can support the golf ball as long as the alignment stays almost vertical, any misalignment makes the tee disconnect from the anchor.

Testing with this model in 2023 on the gold course resulted in significant changes to this version with the magnetic version being abandoned and ultimately replaced by a [clip version](#).

Files

3mf file provided that has all the models heights and anchor included.
gcode files provided for anchor and tee

***Tee Rule**

This tee complies with the wording of the rules of golf:

1. Tees (Rule 6.2)

A tee is a device designed to raise the ball off the ground. A tee must not:

- be longer than 4 inches (101.6 mm);
- be designed or manufactured in such a way that it could indicate line of play;
- unduly influence the movement of the ball; or
- otherwise assist the player in making a stroke or in his play.

Note: As an exception for difficult turf conditions, tees tethered together or to an anchor may be used during the round provided that the player does not align the tees or tether in such a way that could indicate line of play or otherwise assist the player in making a stroke

Model files



anchor-magnetic.3mf



driver-tee-magnetic-15-inch.3mf



driver-tee-magnetic-2-inch.3mf



driver-tee-magnetic-25-inch.3mf

Print files



anchor-magnetic_015mm_nylon_mk25s_1h16m.gcode

⚙ PC ⚙ 0.40 mm ⚙ 0.15 mm ⌚ 1.27 hrs ⚖ 1 g 🖨 Prusa MK2.5/S

☐ PC-TPE filament used in this gcode for the anchor



driver-tee-magnetic-all_015mm_flex_mk25s_10h1m.gcode

⚙ Special ⚙ 0.40 mm ⚙ 0.15 mm ⌚ 10.02 hrs ⚖ 7 g 🖨 Prusa MK2.5/S

☐ TPU filament used in this gcode for the tee. All tee models included in this file

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