GANCUBE

GAN251 M Series
User Manual

Thanks for choosing the GAN cubes.

GAN cubes has earned its name in speedcubing, not only because its beasty performance, state-of-the-art quality, but also its customizability.

We believe that every cuber, fast or not, deserves a cube that fully adapts to his or her turning style, not the other way around. So we keep enhancing the customizability of our cubes.

In this newest GAN251 M series, Center travel, Tension, Magnet strength, everything that determines a cube's hand-feel is now fully adjustable in a convenient and precise fashion.

Let the GAN cube unleash your speed.

GAN Adjustment Systems (GES & GMS)

24 customization options made effortlessly available

The key factors determining how your cube feels

	Meaning	Function	Adjustment	Setting Levels
Center Travel	The distance of the center piece is allowed to move up and down along the core when turning	Decides the key performance parameters like Corner cutting& Anti-Pop	GES v3	2 settings
Tension	The tightness of the sides being compressed to the core	How tight the cube feels when turning	GES v3	4 settings
Magnet Strength	The strength of magnetic attraction when turning	The strength of positioning felt when turning	GMS v3	3 settings

Note: GMS v3 is not available in GAN251 M Air.

GAN Elasticity System(GES v3)

2 center travel settings & 4 tension settings

The GAN Elasticity System(GES v3) is unique to GAN cubes. It can adjust tension and center travel by changing and adjusting the tension nut.

Tension nut

GAN's Magnet core
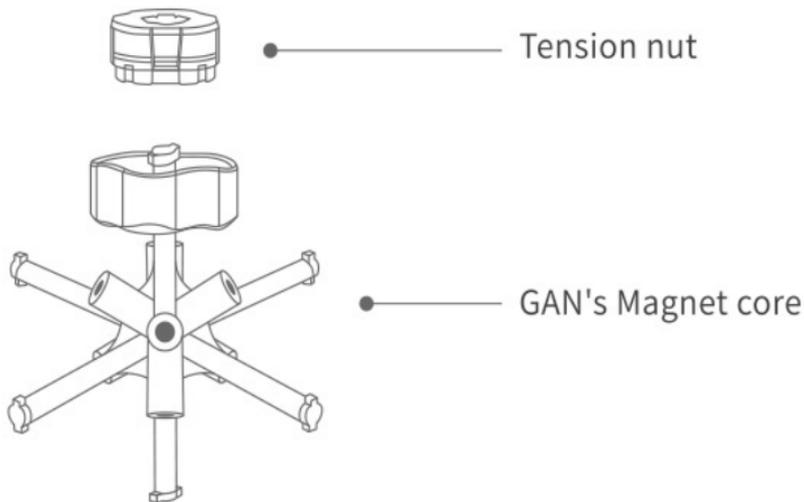
Center Travel

Ø: in and out position. Only when the pointer is resting here can you take out or put in a tension nut.

0.6/0.8: 2 center travel options, the smaller the number, the tighter the cube feels.

Corner cutting

Anti-POP
Anti-Corner-Twist

Center Travel
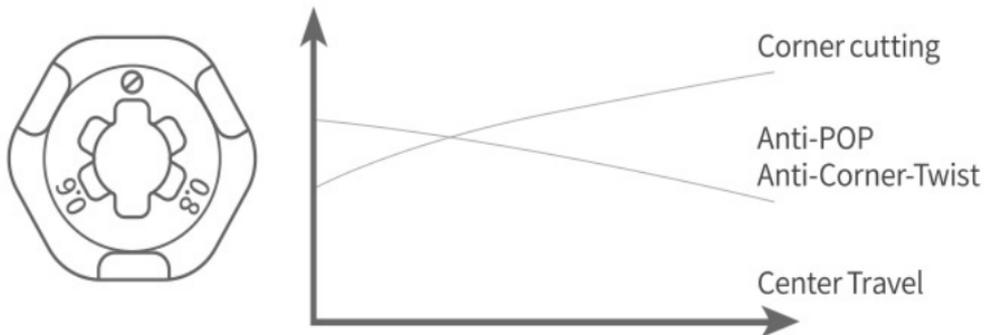
Tension
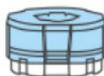
| Transparent 2.5N | > | Green 2.1N | > | Blue 1.7N | > | Purple 1.2N |

GAN Magnet System(GMS v3)

Fast switching between 3 different magnet settings

GAN251 M series adopts a brand-new magnet positioning system, with the GAN's magnet core providing the major magnet force, compensated by magnets between the edge & corner pieces. It gives the cube a perfect combination of low start-up resistance and unprecedented stable magnetic output when turning. Magnet adjustment is operated at the 8 corner pieces with 3 different magnet settings.
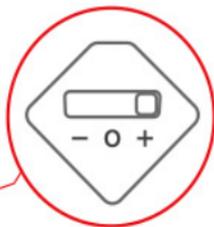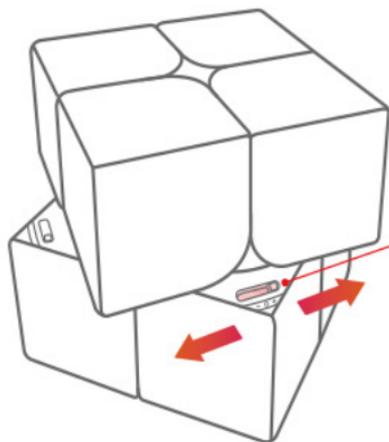

3 settings of magnet strength:

Weak (-) 〉 Medium (0) 〈 Strong (+)

Set up steps

Step1: Tension Adjustment

❶ Insert the tool into the tension nut from the 3 matching slots. Push the nut down and twist it until the Ø point lines with the anchor, release and the nut unlocks (It feels OBVIOUSLY loose.) and can be removed.

Pull apart the corner pieces, insert the tool.
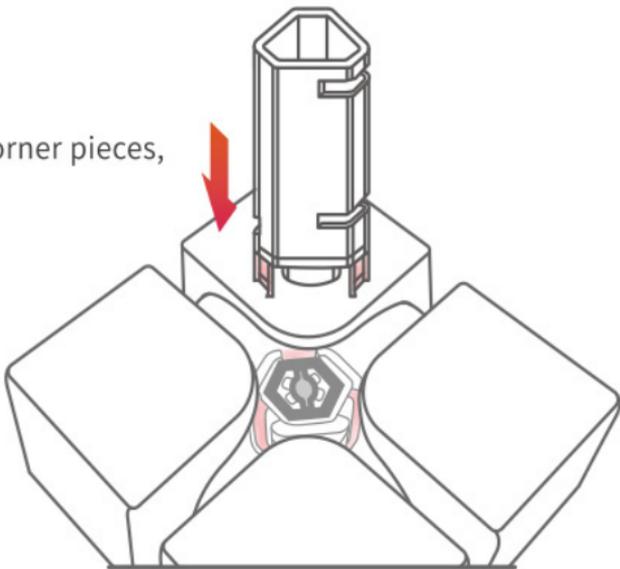
❷ Insert the tool into a new nut, aim at the anchor and push it down, twist it until the desired number lines up with the anchor at the tip of the core(You will feel a click with every turn as the nut moves), take out the tool so the anchor locks up the nut.

b. Twist

a. Insert

c. Release
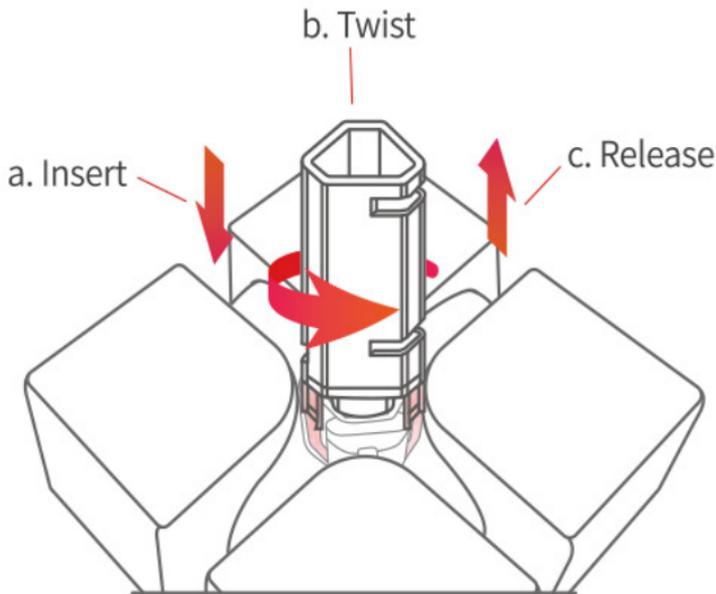
Step2: Magnet Adjustment

Turn the outer layer 45° to expose the magnet slots on the corner pieces. Use the screwdriver to toggle the lever to the desired setting.
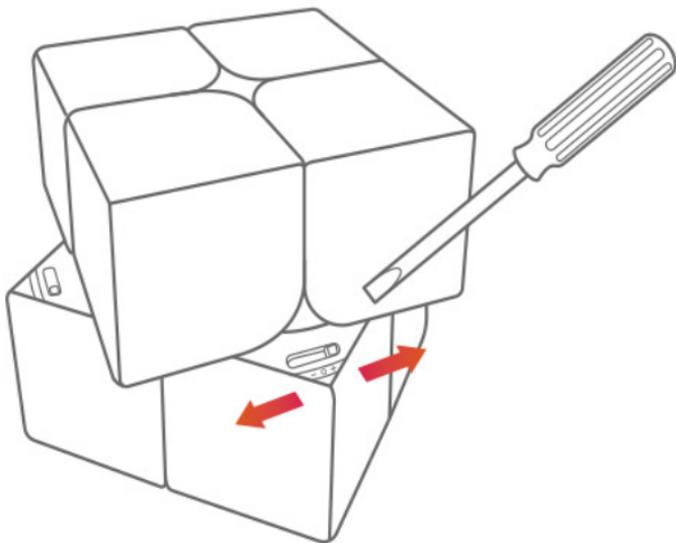
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