

[Manuals.plus](#) /

> [GAN](#) /

> GAN Skewb 8 Magnets Speed Cube Instruction Manual

## GAN GAN Skewb

# GAN Skewb 8 Magnets Speed Cube Instruction Manual

Model: GAN Skewb

## INTRODUCTION

---

Thank you for choosing the GAN Skewb 8 Magnets Speed Cube. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new speed cube. Designed for both children and adult competition, the GAN Skewb offers a superior solving experience with its innovative features.

This cube is lightweight, weighing only 79 grams, and is the first Skewb puzzle with built-in core magnets for enhanced positioning.

## PRODUCT FEATURES

---

- **Lightweight Design:** Weighing only 79 grams, it is the lightest Skewb puzzle available.
- **Magnetic Core Positioning:** Features the GAN Magnetic Core-Positioning System with magnets in the core and edge pieces for precise alignment and smooth turns.
- **GES PRO Dual Adjustment:** Offers 24 configurations with 4 kinds of nut distances and 6 levels of elasticity for personalized handfeel.
- **Advanced Performance:** Includes 90° corner cutting, smooth tracks, round curves, a scratch-proof stickerless surface, and honeycomb touchface.

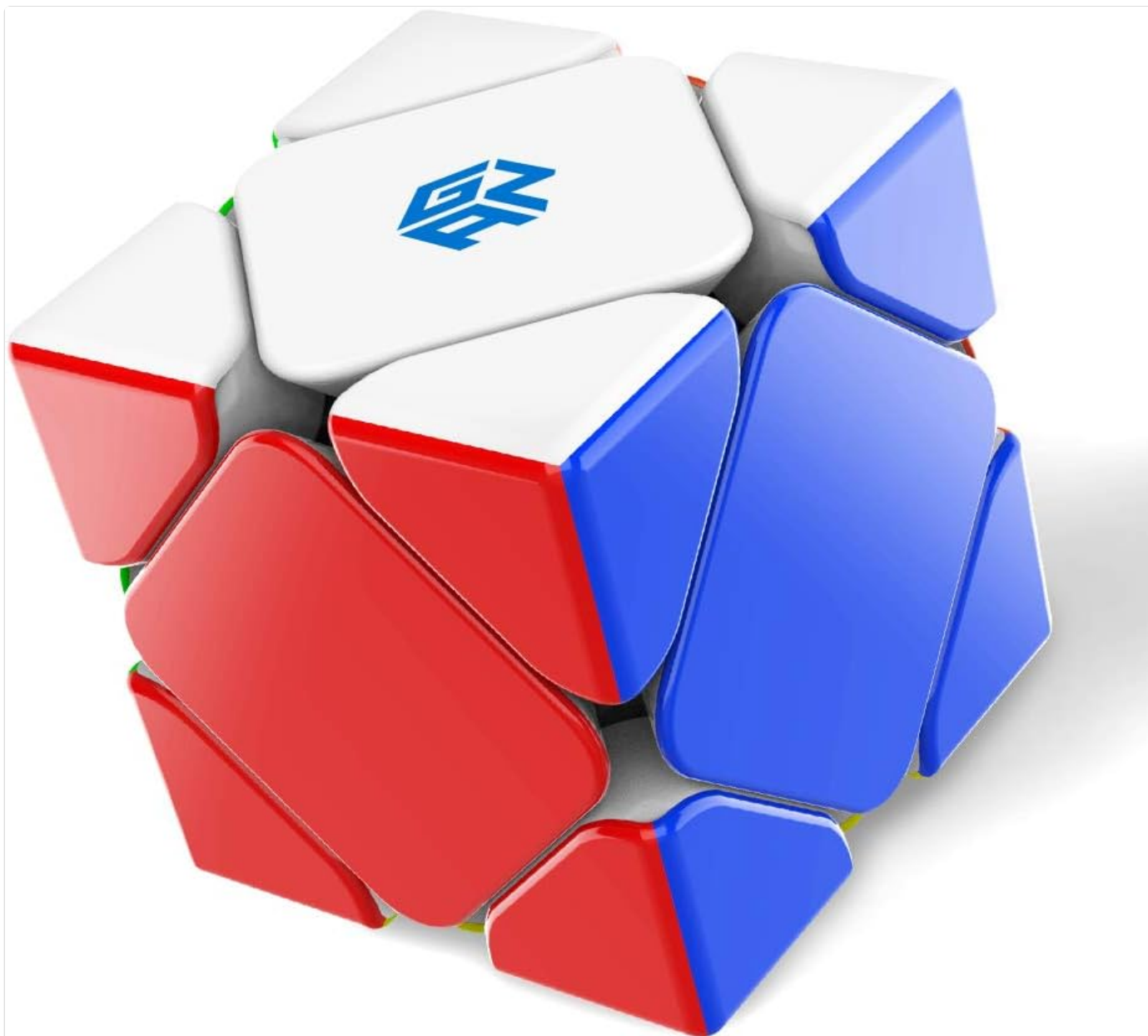


Figure 1: The GAN Skewb 8 Magnets Speed Cube, showcasing its compact and colorful design.

## SETUP AND ADJUSTMENT

---

### Unboxing

Upon receiving your GAN Skewb, carefully remove it from its packaging. The package typically includes the GAN Skewb, GES v3 IPG (Purple), Megaminx's Tutorials, GAN Ball, GAN Bag, and a VIP Card.

### Adjusting Tension (GES PRO System)

The GAN Skewb features the GES PRO dual adjustment system, allowing you to customize the cube's tension and elasticity. This system provides 24 possible configurations to achieve your preferred handfeel.

1. Locate the adjustment tool (usually a small plastic tool) included with your cube.
2. Identify the GAN Tension Nut and Numerical Variable Nut on each axis.
3. Adjust the GAN Tension Nut for 6 levels of elasticity.
4. Adjust the Numerical Variable Nut for 4 levels of distances.
5. Experiment with different settings to find the optimal balance of speed and stability for your solving style.

## Numerical GES Pro

### GAN Tension Nut

Fine tuning with  
6 levels of elasticity

### Numerical Variable Nut

Numerical tuning with  
4 levels of distances



Figure 2: Diagram illustrating the components of the Numerical GES Pro system for tension adjustment.



Figure 3: Illustration of the GAN Skewb's magnetic system, showing the placement of 8 magnets for core positioning.

## OPERATING THE CUBE

The GAN Skewb is designed for smooth and fast rotations. Its unique mechanism allows for diagonal turns, which differ from traditional N-by-N cubes.

### Basic Movements

- Hold the cube firmly but gently.
- To make a turn, rotate any corner piece. The cube will pivot around the center of that corner.
- Practice smooth, fluid movements to take advantage of the cube's magnetic positioning and corner-cutting capabilities.



Figure 4: Diagram demonstrating the 90° corner-cutting ability of the GAN Skewb, including positive and reverse corner cutting angles.

## Solving Techniques

For detailed solving techniques and algorithms, refer to the included Megaminx's Tutorials or search for "Skewb solving tutorials" online. The GAN Cube Store also provides resources and community support.

## MAINTENANCE

To ensure the longevity and optimal performance of your GAN Skewb, follow these maintenance guidelines:

- **Cleaning:** Wipe the cube regularly with a soft, dry cloth to remove dust and fingerprints. Avoid using harsh chemicals or abrasive materials.

- **Lubrication:** If the cube feels sluggish, apply a small amount of silicone-based cube lubricant to the internal mechanisms. Do not over-lubricate.
- **Storage:** Store the cube in a clean, dry place, away from direct sunlight and extreme temperatures. The included GAN Bag can be used for protection.

## TROUBLESHOOTING

---

Problem	Possible Cause	Solution
Cube feels stiff or sluggish.	Lack of lubrication or incorrect tension.	Apply a small amount of silicone lubricant. Adjust the GES PRO system for looser tension.
Pieces pop out.	Tension is too loose or aggressive turning.	Adjust the GES PRO system for tighter tension. Handle the cube with less force.
Magnets feel weak.	This model has 8 core magnets.	The magnetic strength is inherent to the design. Ensure you have the 8-magnet version as intended.

## SPECIFICATIONS

---

- **Product Dimensions:** 2.2 x 2.2 x 0.1 inches
- **Item Weight:** 3.52 ounces
- **Model Number:** GAN Skewb
- **Manufacturer:** GAN
- **Recommended Age:** 6 years and up

## SAFETY INFORMATION

---

**Warning:** Not suitable for children under 36 months due to small parts that may present a choking hazard.

## WARRANTY AND SUPPORT

---

For any missing accessories or unpleasant experiences, please contact the GAN CS Team. Your satisfaction is our priority. Visit the official GAN Cube Store for the latest news, fan club information, and support resources: [GAN Cube Store](#).