

GAN Skewb 32 Magnets Magnetic Speed Cube Instruction Manual

1. INTRODUCTION

This manual provides essential information for the GAN Skewb 32 Magnets Magnetic Speed Cube. It covers product features, setup, operation, maintenance, and specifications to ensure optimal performance and user experience. Please read thoroughly before use.

2. PRODUCT OVERVIEW

The GAN Skewb 32 Magnets is a lightweight, high-performance magnetic speed cube designed for competitive and recreational use. It incorporates advanced technology for smooth operation and customizable settings.

- **Lightweight Design:** Weighing only 81 grams, it is engineered for comfortable and fast manipulation.
- **Magnetic Core Positioning:** Features a GAN Magnetic Core-Positioning System with magnets in the core and edge pieces, providing precise alignment and low starting resistance.
- **GES PRO Dual Adjustment:** Allows for extensive customization of feel and tension. Each axis offers 4 nut distances and 6 elasticity levels, totaling 24 possible configurations.
- **Enhanced Performance Features:** Includes 90-degree corner cutting capability, smooth tracks, rounded curves, a scratch-proof stickerless surface, honeycomb touchface for even lubrication, and all-symmetry lock-up tiles for stability.

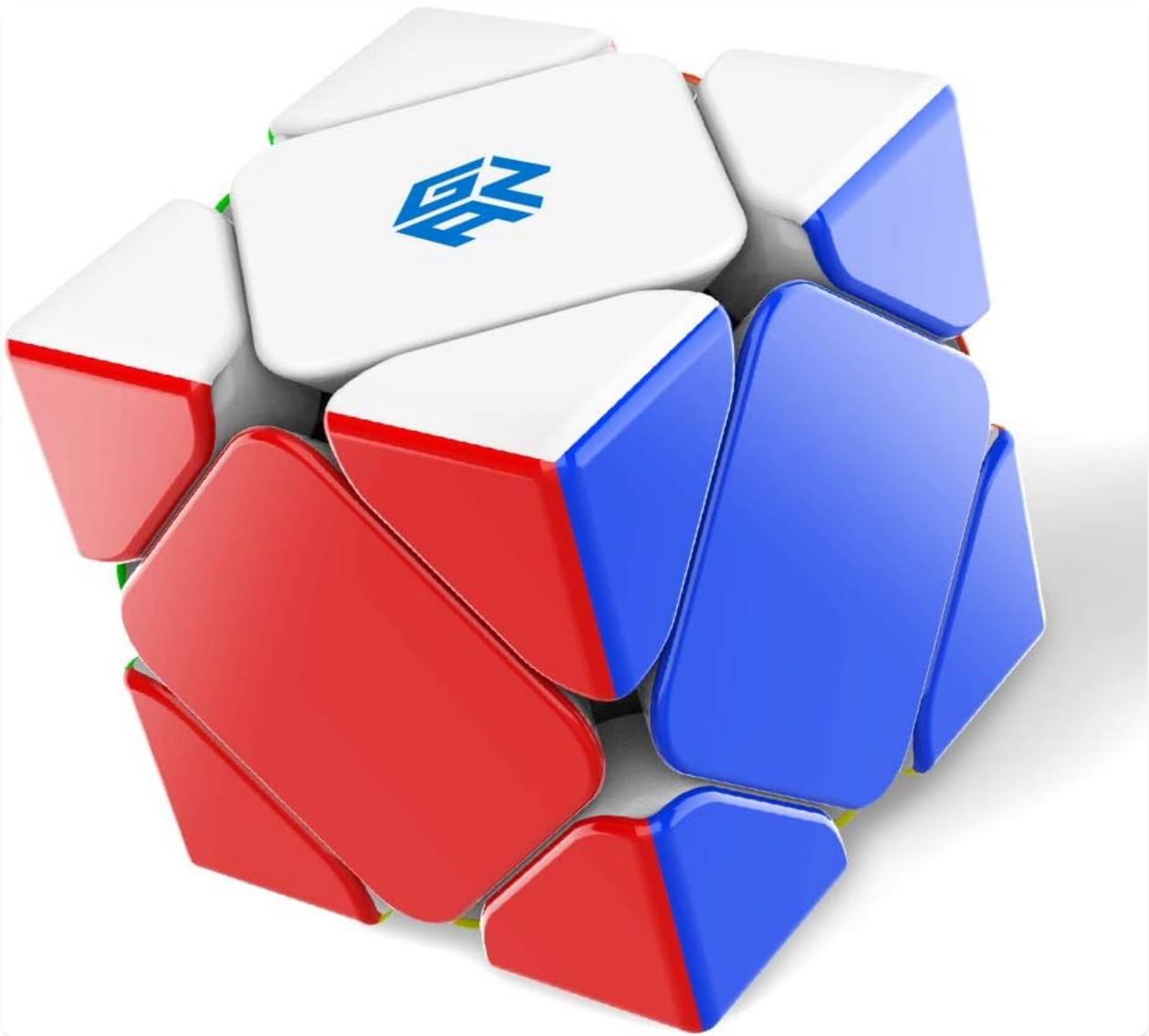


Figure 1: The GAN Skewb 32 Magnets Magnetic Speed Cube, showcasing its multi-colored stickerless design.



Figure 2: Diagram illustrating the internal magnetic system of the GAN Skewb, highlighting the core-positioning magnets and honeycomb touchface.

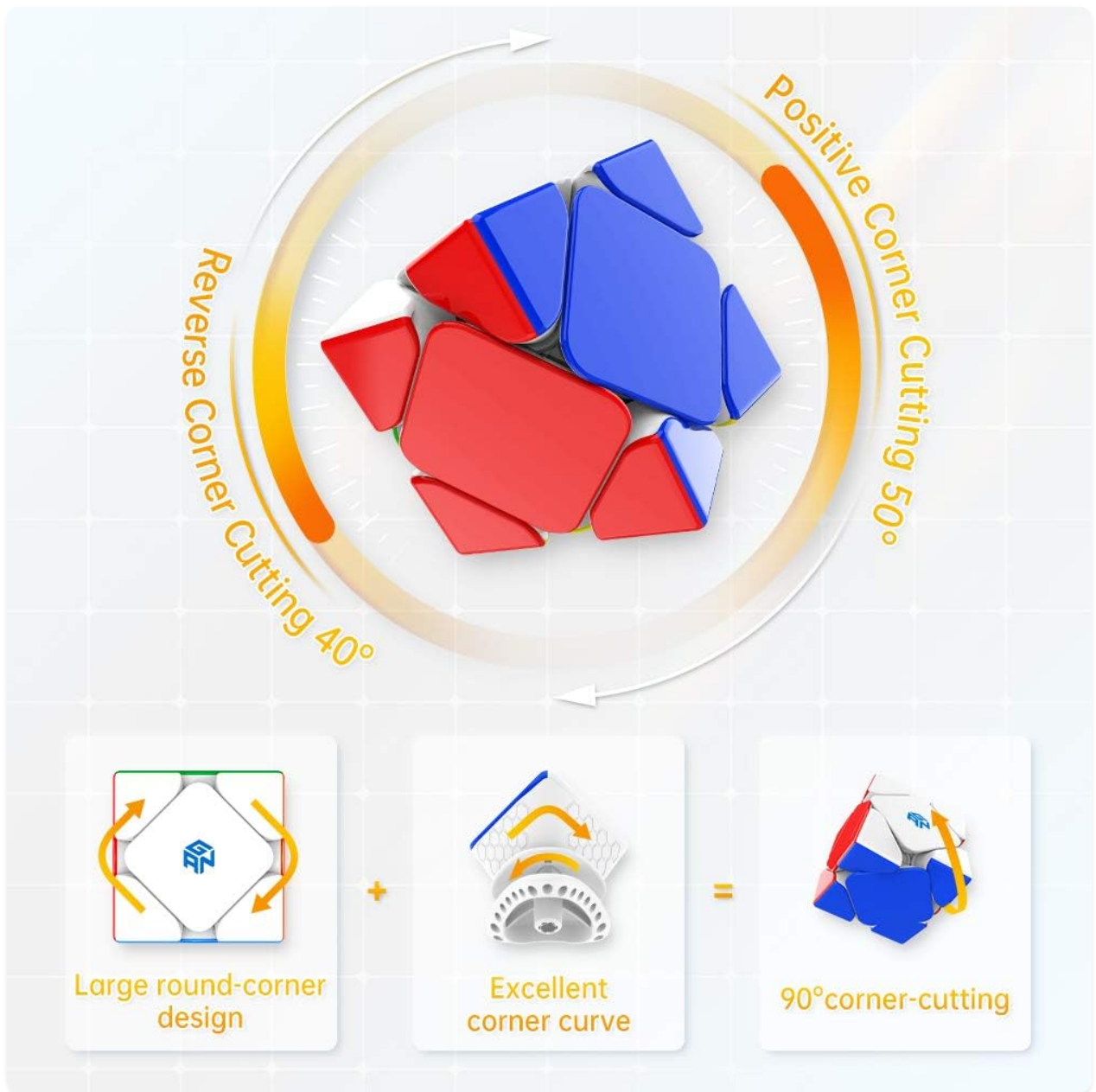


Figure 3: Illustration demonstrating the 90-degree corner cutting capability of the GAN Skewb, enabled by its large round-corner design and excellent corner curve.



Figure 4: Diagram detailing the Numerical GES Pro system, showing the GAN Tension Nut with 6 levels of elasticity and Numerical Variable Nut with 4 levels of distances for fine tuning.

3. SETUP AND ADJUSTMENT

The GAN Skewb features the GES PRO system for personalized tuning. Refer to the included instruction manual for step-by-step guidance on adjusting the tension and elasticity.

- **Initial Setup:** The cube comes pre-assembled and ready for use.
- **Tension Adjustment:** Use the provided tuning rod and GES nuts to modify the cube's feel. Experiment with different settings to find your preferred balance of speed and stability.
- **Magnetic Strength:** The 32-magnet version provides a strong and speedy feel, with magnets in both the core and corner/center pieces.

4. OPERATING INSTRUCTIONS

The GAN Skewb operates by rotating its faces along diagonal axes. Unlike traditional N-by-N cubes, the Skewb's turns involve rotating corners around the center of the cube.

- **Basic Turns:** Hold the cube firmly and rotate any corner piece 120 degrees (one click) in either direction.
- **Solving Method:** The Skewb typically uses a single algorithm combined with intuitive moves to solve. Consult external resources or the included tutorial for detailed solving guides.

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Video 1: Official GAN Cube demonstration of the GAN Skewb Magnetic Speed Cube in action, highlighting its smooth turning and magnetic feel.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your GAN Skewb.

- **Lubrication:** The honeycomb touchface design helps spread lubricants evenly and prolongs their effect. Apply cube-specific lubricants as needed to maintain smooth turning.
- **Cleaning:** Wipe the cube with a soft, dry cloth to remove dust and grime. Avoid harsh chemicals that may damage the plastic.
- **Storage:** Store the cube in the provided GAN Storage Bag or a protective case to prevent scratches and damage.

6. TROUBLESHOOTING

If you encounter any issues with your GAN Skewb, consider the following:

- **Stiff Turning:** Check if the tension is too tight. Loosen the GES nuts slightly. Apply lubricant if needed.
- **Loose Turning/Popping:** If pieces feel too loose or pop out, tighten the GES nuts. Ensure all pieces are correctly assembled.
- **Misaligned Pieces:** The magnetic core positioning should help with alignment. If pieces consistently misalign, check for any internal damage or incorrect assembly.

7. SPECIFICATIONS

Attribute	Detail
Product Dimensions	2.2 x 2.2 x 0.1 inches
Item Weight	3.52 ounces (81 grams)
Item Model Number	100301001
Manufacturer Recommended Age	6 years and up
Manufacturer	GAN
Magnets	32 (8 in core, 24 in corner/center)



Figure 5: Comparison of 8-magnet and 32-magnet versions, highlighting the magnet placement for different feel preferences.



Figure 6: Detailed list of items included with the GAN Skewb, such as the cube, GES Pro Dual Adjustment tools, instruction manual, and protective film.

8. SAFETY INFORMATION

WARNING: Not suitable for children under 36 months due to small parts which may present a choking hazard.

9. WHAT'S IN THE BOX

- GAN Skewb 32 Magnets Speed Cube
- GES Pro Dual Adjustment Tools
- Instruction Manual
- Protective Film
- GAN Storage Bag

10. WARRANTY AND SUPPORT

For any missing accessories, product inquiries, or unpleasant experiences, please contact the GAN CS Team. They are dedicated to ensuring customer satisfaction.

For more information, visit the official GAN Cube store or website.