

Rubik's 6071137

Rubik's 3x3 Magnetic Speed Cube Instruction Manual

Model: 6071137

INTRODUCTION

The Rubik's 3x3 Magnetic Speed Cube is engineered for enhanced performance and faster solving times. This improved design incorporates internal magnets for stability and a positioning system, ensuring precise alignment for each twist and turn. Its stickerless design and pre-lubricated mechanism contribute to a smoother and more reliable experience.

FEATURES

- **Magnetic Design:** Features 48 internal magnets that provide stability and assist in auto-alignment, making turns more precise and controlled.
- **Smooth Movement:** An enhanced internal structure allows for faster, smoother, and more reliable rotations.
- **Stickerless Design:** Durable, glossy tiles eliminate the need for stickers, preventing peeling and fading over time.
- **Customizable Tensions:** Adjustable tension screws allow users to fine-tune the cube's feel, from loose to tight, to prevent popping during aggressive turns.
- **Educational Benefits:** Promotes logical thinking, fine motor skills, hand-eye coordination, persistence, perseverance, spatial reasoning, and problem-solving abilities.

Smooth Movement
Enhanced Internal Structure



Auto-Alignment
48 Internal Magnets

Image: Internal view of the Rubik's Speed Cube highlighting the 48 internal magnets and enhanced internal structure for smooth movement and auto-alignment.

Custom Control Adjustable Tensions

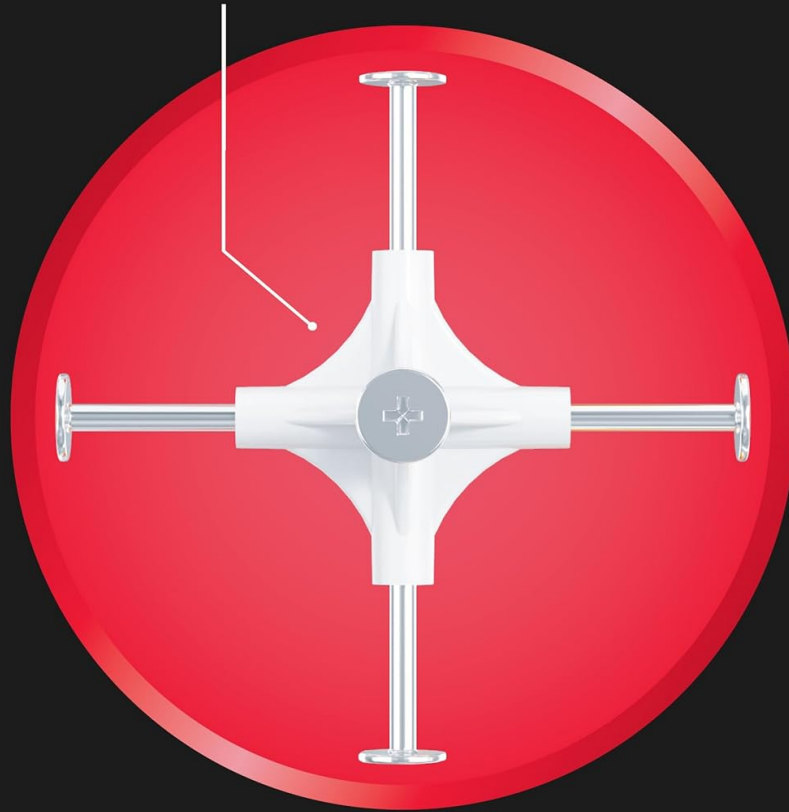


Image: Close-up of the tension adjustment mechanism located under the center cap, allowing for custom control over the cube's resistance.

SETUP

Your Rubik's 3x3 Magnetic Speed Cube comes pre-assembled and ready for use. No initial setup is required. For optimal performance, it is pre-lubricated. If you wish to adjust the tension, please refer to the 'Maintenance' section.

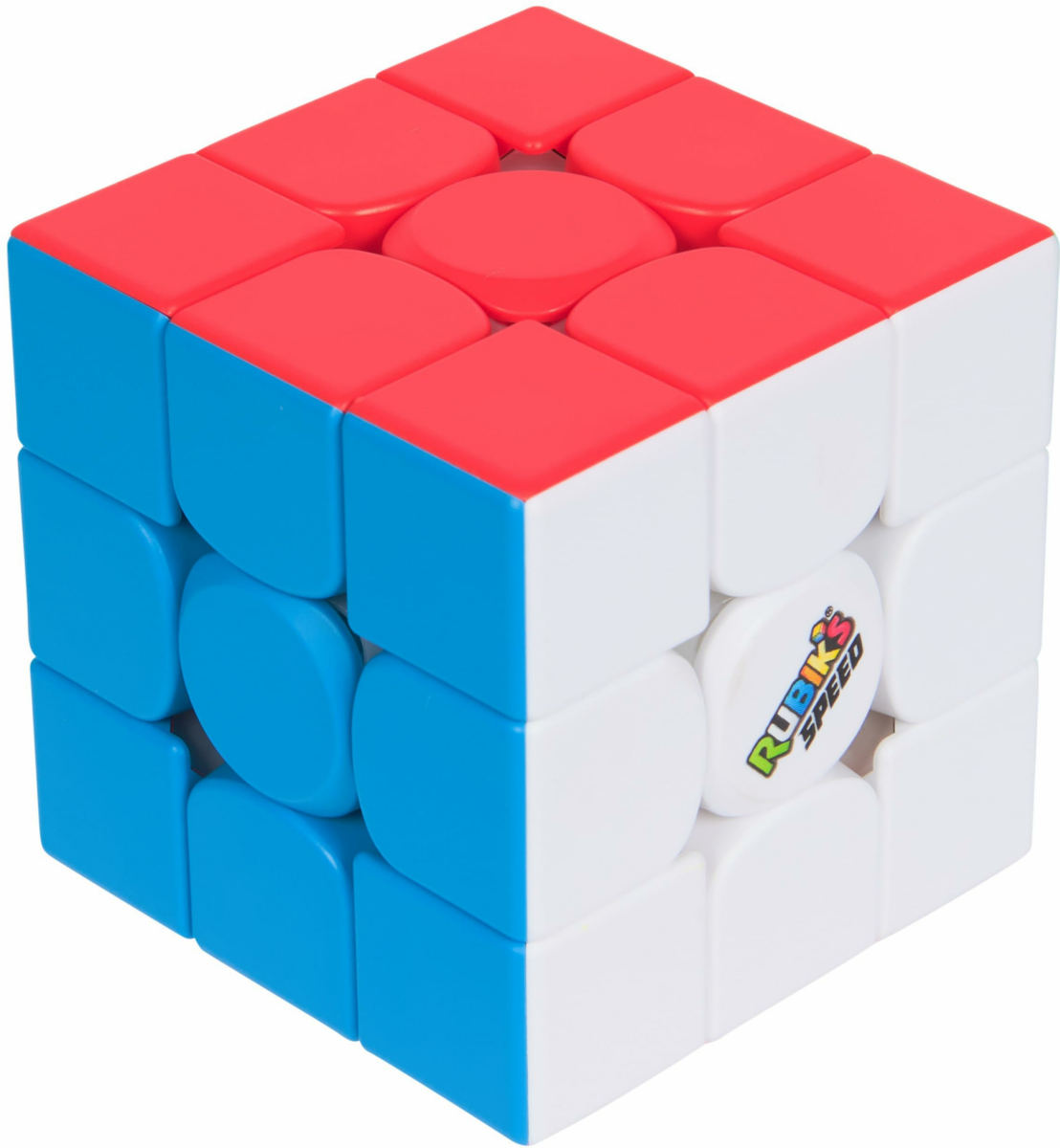


Image: The Rubik's 3x3 Magnetic Speed Cube in its solved state, ready for play.

OPERATING INSTRUCTIONS

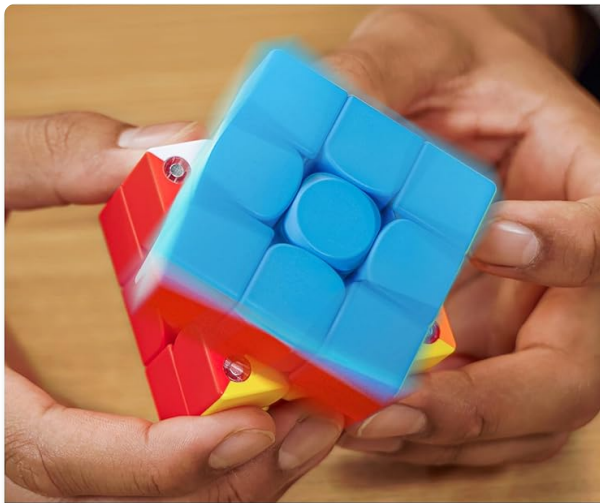
The objective of the Rubik's Cube is to twist and turn its layers until each side displays a single, solid color. There are 43,252,003,274,489,856,000 possible arrangements, with only one correct solution.

1. **Scramble the Cube:** Randomly twist and turn the layers of the cube to mix up the colors on all sides.
2. **Solve the Cube:** Apply your preferred solving method (e.g., beginner's method, Fridrich method) to return each face to a single, solid color.
3. **Practice:** Consistent practice improves speed and efficiency. The smooth movement and magnetic alignment of this speed cube are designed to aid in achieving faster solve times.



Beat your best time with the improved **magnetic design**.

Image: Hands manipulating the Rubik's Speed Cube during the solving process, demonstrating its smooth turning capability.



STEM skills



Hand coordination



Fidget toy



Challenge friends!

Image: A collage illustrating the benefits of the Rubik's Cube, including development of STEM skills, hand-eye coordination, its use as a fidget toy, and the social aspect of challenging friends.

MAINTENANCE

To ensure your Rubik's Speed Cube remains in optimal condition for fast and smooth solves, follow these maintenance tips:

- **Lubrication:** The cube comes pre-lubricated. If you notice the turns becoming less smooth over time, you may apply a small amount of specialized cube lubricant (not included) to the internal mechanisms. Avoid using petroleum-based lubricants as they can damage the plastic.
- **Tension Adjustment:** The cube features adjustable tensions. To access the tension screws, gently pry off the center cap on each face. Use a small Phillips head screwdriver to turn the screw clockwise to tighten the tension (making the cube feel more stable and less prone to popping) or counter-clockwise to loosen it (making the cube feel faster and easier to turn). Adjust each screw evenly for balanced performance.
- **Cleaning:** Periodically wipe the exterior of the cube with a soft, dry cloth to remove dust and grime.

TROUBLESHOOTING

- **Cube feels stiff:** Apply a small amount of cube lubricant to the internal mechanisms.
- **Cube feels too loose/pieces pop out:** Tighten the tension screws slightly on each face.
- **Cube feels too tight/hard to turn:** Loosen the tension screws slightly on each face.
- **Magnets not aligning properly:** Ensure the cube is clean and free from debris that might interfere with the magnetic alignment. If issues persist, check for any internal damage.

SPECIFICATIONS

- **Brand:** Rubik's
- **Model Number:** 6071137
- **UPC:** 681147035775
- **Material:** Plastic
- **Puzzle Type:** Twisty
- **Skill Level:** Beginner
- **Age Range:** 8-98 years
- **Item Dimensions:** 3.5 x 3.25 x 6 inches
- **Number of Pieces:** 1 (cube)
- **Internal Magnets:** 48 for auto-alignment

WHAT'S IN THE BOX

- 1 x Rubik's 3x3 Magnetic Speed Cube



Image: The retail packaging for the Rubik's 3x3 Magnetic Speed Cube.

WARRANTY & SUPPORT

This product comes with **No Warranty** as per manufacturer specifications. For additional support or inquiries, please visit the official Rubik's website or contact Spin Master customer service.

For more information and resources, visit rubiks.com/rubiksmatch.

OFFICIAL PRODUCT VIDEO

Video: An official product video from Spin Master, Inc. showcasing the Rubik's 3x3 Speed Cube and its features.