AoChuang V6 5x5 Cube

TRIPLE MAGNETIC TRACKS

REDEFINE CUBING SPEED

160 Magnets | Triple-Track Magnetism |
High Stability Structure



How to Become a 5x5 Speedcubing Rising Star?

AoChuang V6

Gives You the Answer

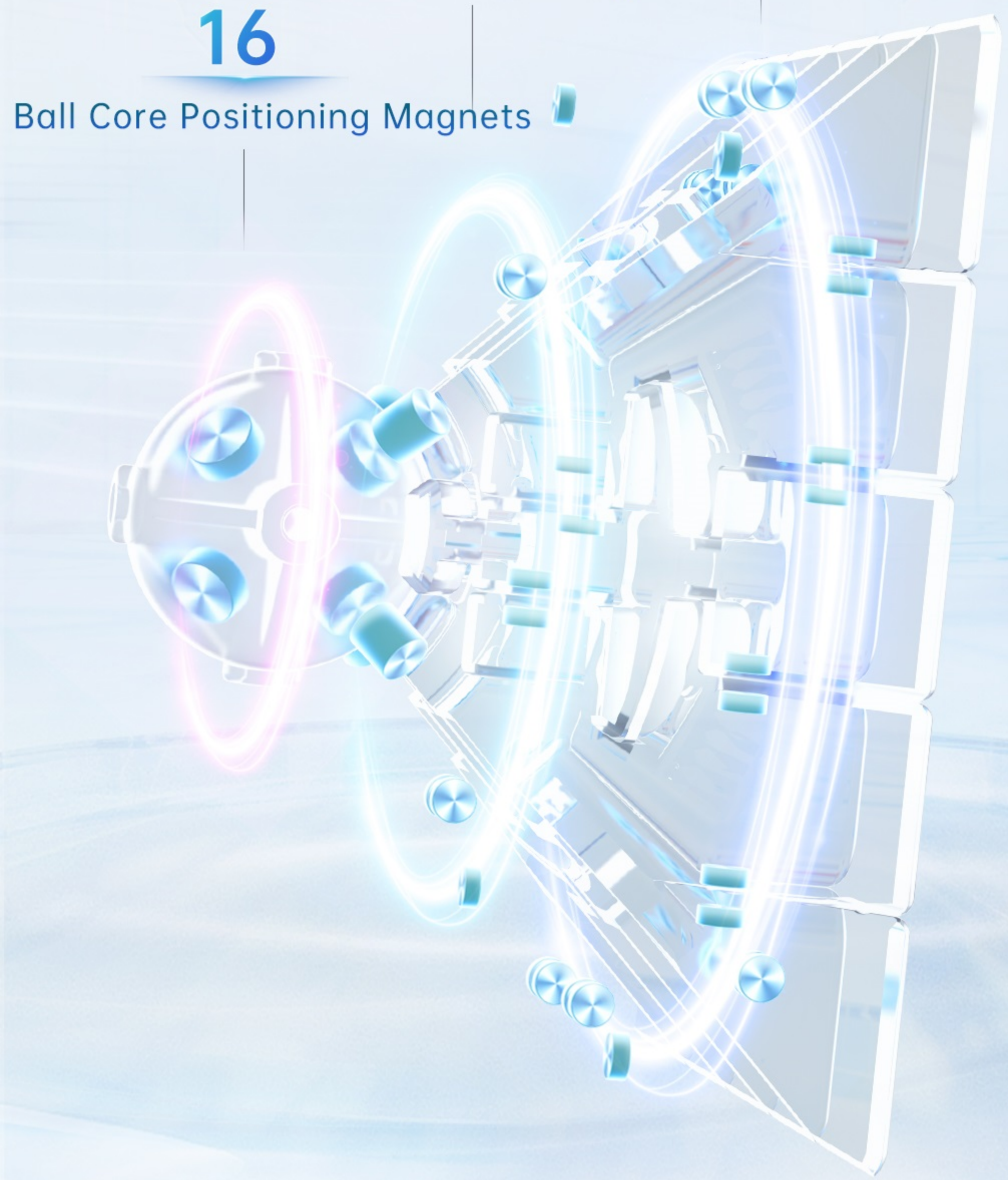
Patent Design | New Height in Magnetic Positioning

160 Triple-Track Magnets

96
Outer Track Magnets

48
Inner-Piece Foot Magnets

16
Ball Core Positioning Magnets



High Stability Structure Design | Confidence for Countless Battles



V-Shaped Section



Widened Outer Lo



Rounded Corne



Six-Hole Integrate



Lo



Symmetrical Sna



Tension Adjustme



Anti-drop Magne



Scale Ant

5x5 Innovation · Triple-Track Magnetism
Super Magnetic Feel,
Secret to Explosive Speed

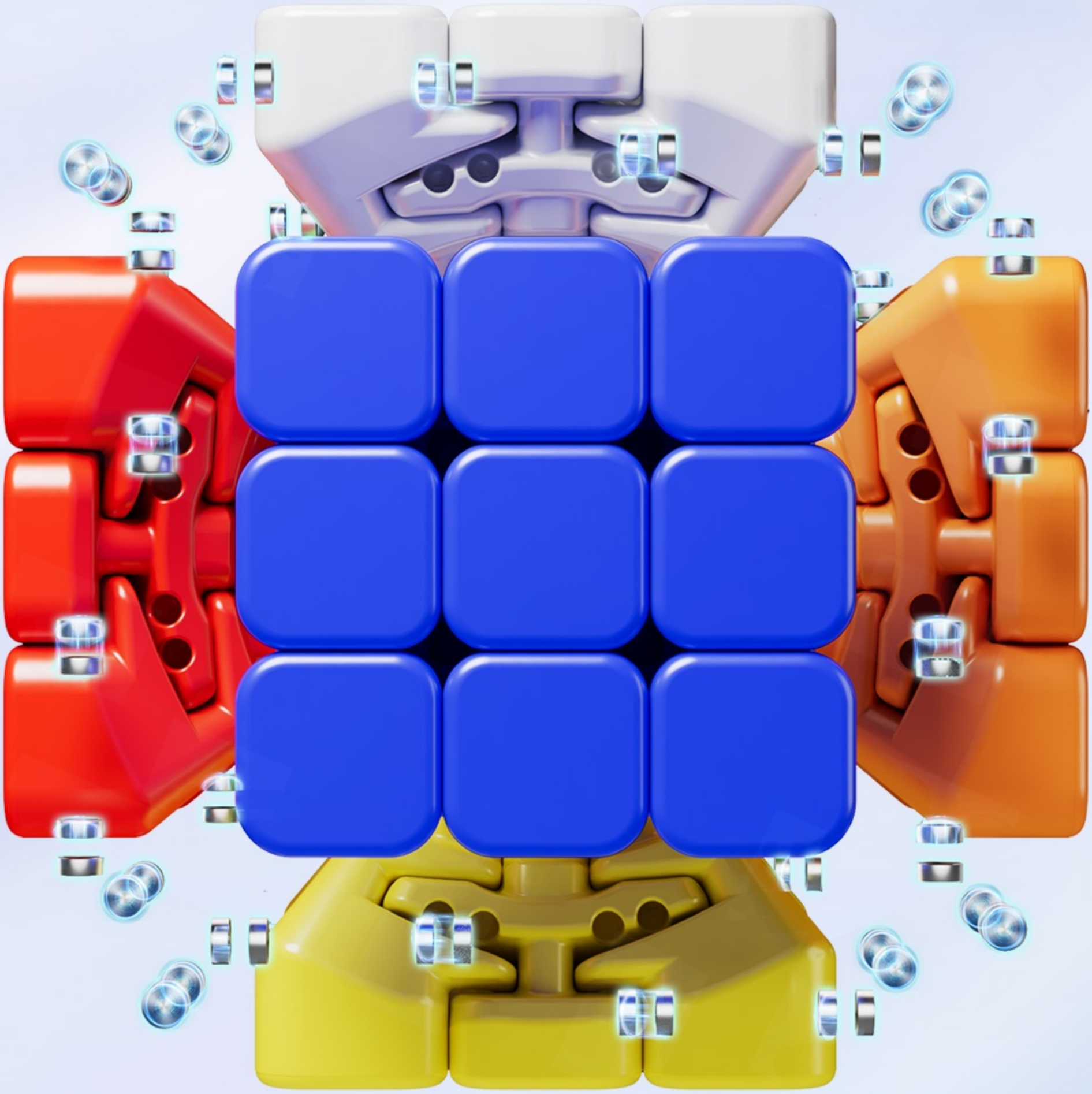
Innovative Triple-Track Patent Design, Redefining Big Cubes

Outer Track Magnetism | 96 Outer Track Magnets

Optimized Feel, Smooth Positioning

96 Inner-Piece Magnets

Push-Pull Interaction of Attraction and Repulsion,
Precise Positioning at High Speed



Ball Core Magnetic Positioning | 112 Double-Track Magnets

Three-Dimensional Magnetic Field Core Interaction

Plus 16 Ball Core Internal and Corner Base Magnets

Reduces Starting Resistance, Distributes Magnetism Three-Dimensionally, Creating a Super Magnetic Field

Foot Magnet Positioning | 160 Triple-Track Magnets

Inner and Outer Enhancement, High-Speed Big Cubes

Plus 48 Edge and Corner Foot Magnets

Strengthen Overall Magnetic Configuration, Reduce Error Interference,
More Precise Positioning, Smoother Explosive Speed



Stability ↑

Smoothness ↑

Alignment Feel ↑

Compactness ↑

New Power Leap, One Strong Breakthrough Move

Resistance ↓

Jamming ↓

Misalignment ↓

Deformation ↓

*Patent No.: ZL 2024 2 0094382.8

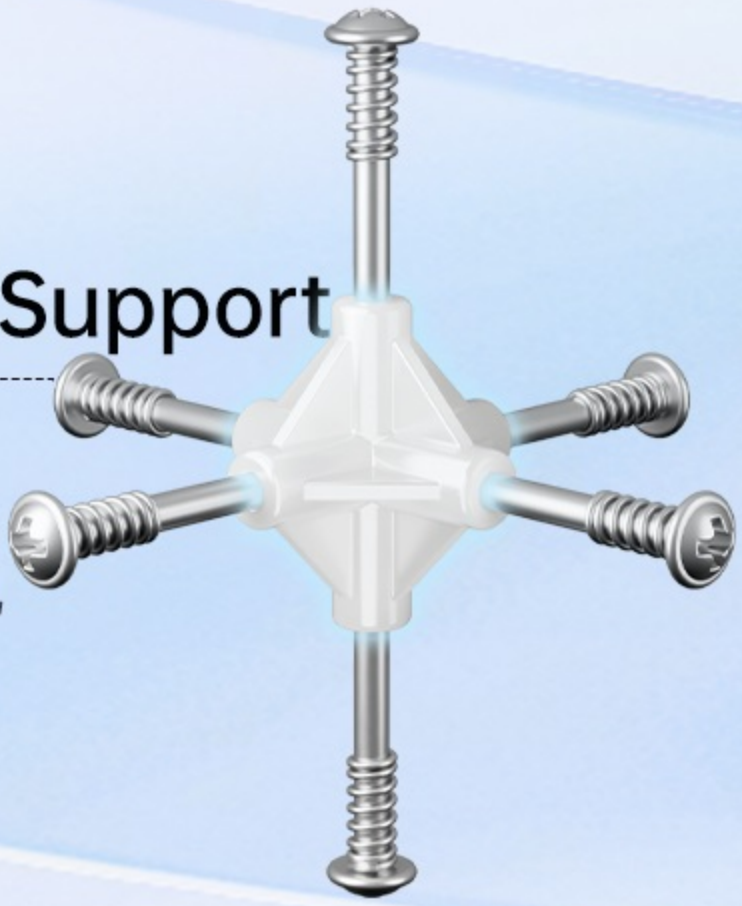
Core Structure

Exceptionally Stable, Beyond Imagination

Six-Hole Integrated Core

Central Framework, Hardcore Support

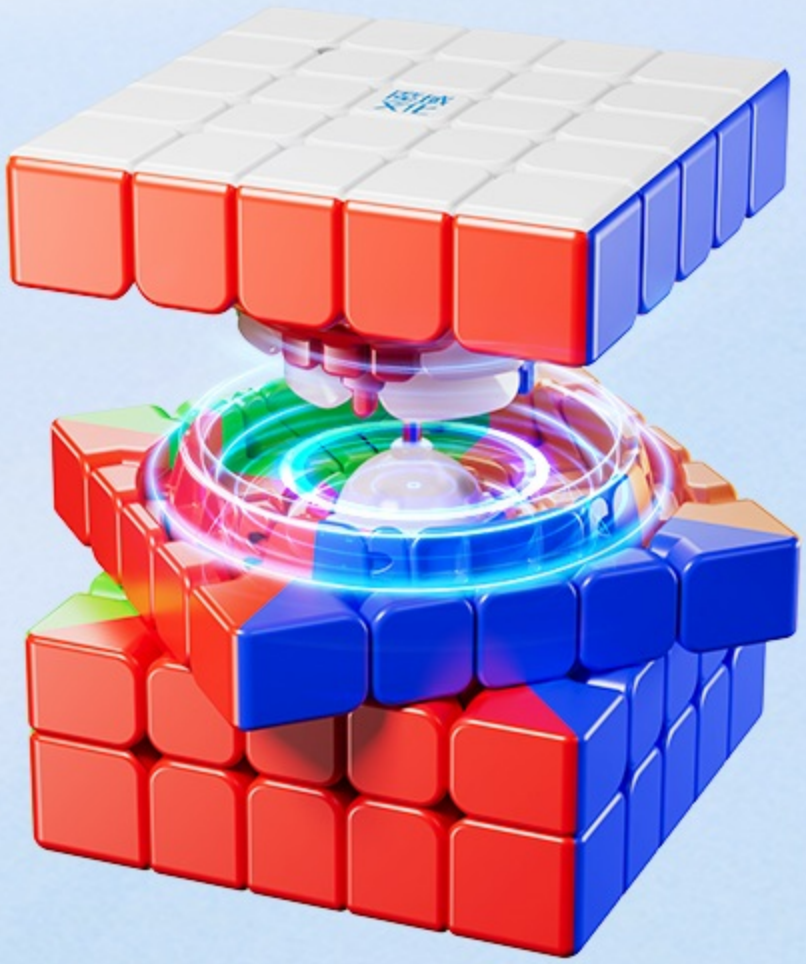
Vertical Main Axis Paired with Precision Holes,
Maximizing Central Strength
Prevents Shaking and Shifting During Rotation,
Fearless of Disassembly with Rough Turns



Anti-Track Design

Born "Anti-Track", Invincible

Reverse Fitting Internal Parts,
Tightly Connecting Pieces
Reduces Misalignment and
Jamming During High-Speed Turns



Full Symmetrical Snap Fit

Smooth Turnings, Secure Fit

Symmetrical Snap Fit Structure
Prevents Popping and Disassembly,
Ensures Smooth Turns and Stable Output



High Corner-cutting Performance

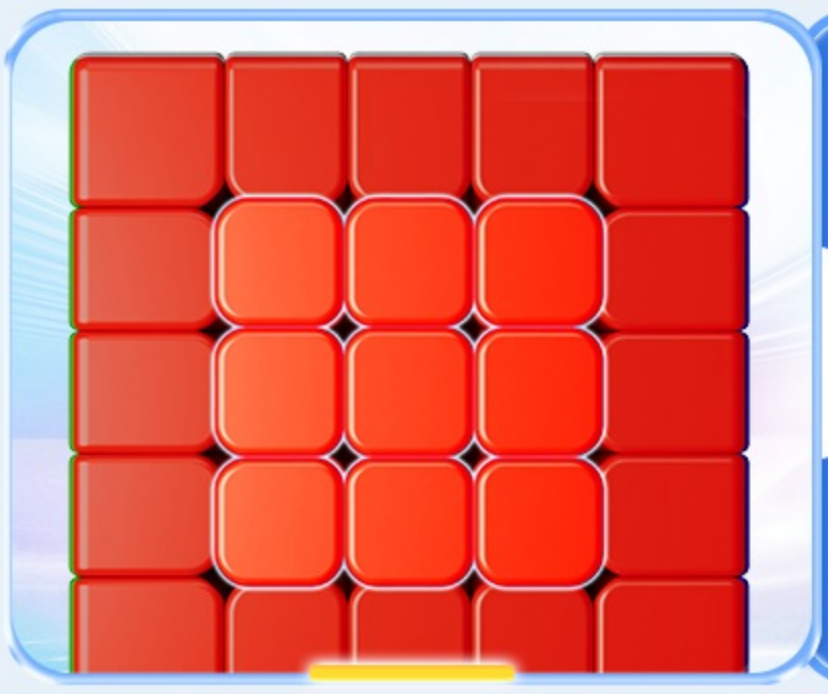
Corner-cuttings, Steal th

V-Shaped Section 01

Reduces Cube Gaps, Tighter Internal Connections

High-Level Complex Structure United,
Responds Instantly During Explosive Speed





02 Round Center

Fits Turning Trajectory Reduces Friction Increases Corner-cutting

Also Facilitates Easy Cube Maintenance
No Difficulty in Disassembly and Assembly

Anti-Misalignment Design 03

Middle Layer Side Structure Strengthens Internal Support

Reduces Misalignment Due to
Small Errors During Fast Turns





04 Widened Outer Layer

Better Suited for Big Cube Solving Methods

Stronger Control, Smoother Solves

Custom Tension Adjustment

High Precision Control Unlimited Elasticity

Screw Adjustment for Tension, Freely Choose Tightness

DIY Your Own Big Cube Feel



Excellence in Every Detail

[Snap-Fit Center Cap] ONE



Bottom of Center Cap Embedded with Fixed Center Piece,Sandwich Tightens Side and Corner Center Pieces

Firmly Locks Center Area, Hard to Dislodge Even with High-Speed Turns

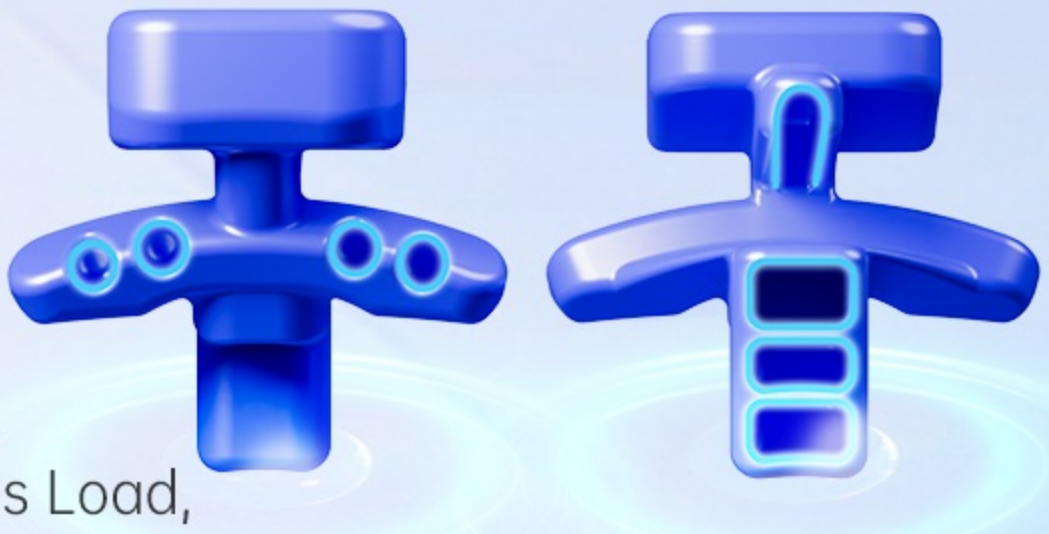
[Anti-drop Magnetic Slot] TWO



Meticulously Crafted Anti-drop Magnetic Slot Firmly Locks Magnets

No Loosening, Anti-Detachment,
More Secure Explosive Speed Performance

[Hollow Design] THREE



Multiple Internal Components Use Hollow Design

Reasonable Weight Reduction, Lightens Load,
More Comfortable Grip

[Dragon Scale Anti-Stick Slot] FOUR



Storage Lubrication,
Rejects Stickiness, Clear and Crisp

Exterior Craftsmanship

Stunning Appearance and Texture

Shiny Magic Cloth, Dazzling and Scratch-Resistant
Semi-Gloss Surface, Delicate Touch, Durable



Same Model as the Masters

Record Holders' Choice

5x5 Masters All Use It

Recommended by Team MoYu Members

Huang Junliang



WCA 5x5 Single
41.62 Seconds Chinese Record
Average 47.06 Seconds
Chinese Record

Wang Xuming

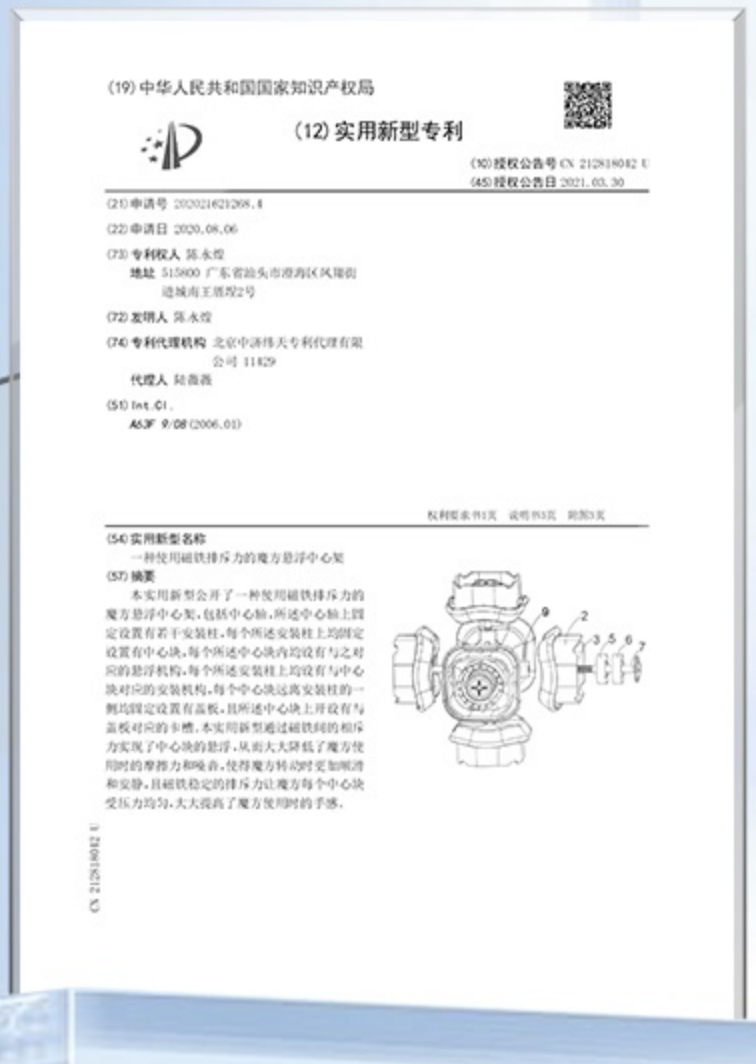


WCA 5x5 Single 43.18 Seconds
Chinese Record
Average 50.88 Seconds
Chinese Record

MoYu Culture Has Helped Create Numerous WCA Records

MoYu AoChuang Series WCA Records	Achievements
5x5 Single Chinese Record	41.62 Seconds
5x5 Single Chinese Record	43.18 Seconds
5x5 Single Chinese Record	44.21 Seconds
5x5 Average Chinese Record	47.06 Seconds
5x5 Average Chinese Record	47.55 Seconds

Professional Certification



(19)中华人民共和国国家知识产权局

(12)实用新型专利

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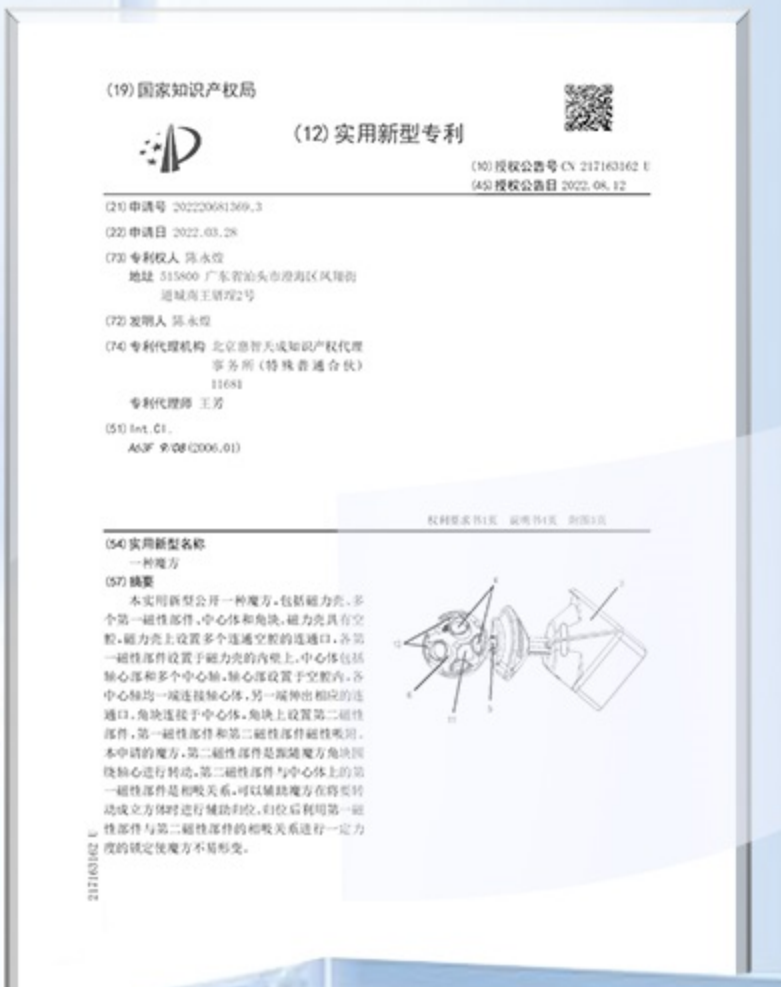
(54)实用新型名称

一种使用磁铁排斥力的魔方悬浮中心架

(57)摘要

本实用新型公开了一种使用磁铁排斥力的魔方悬浮中心架，包括中心轴，所述中心轴上固定设置有若干安装柱，每个所述安装柱上均固定设置有中心块，每个所述中心块内均设有与之对应的悬浮机构，每个所述安装柱上均设有与中心块对应的安装机构，每个中心块远离安装柱的一侧均固定设置有盖板，且所述中心块上开设有与盖板对应的卡槽，本实用新型通过磁铁间的相斥力实现了中心块的悬浮，从而大大降低了魔方使用时的摩擦力和噪音，使得魔方转动时更加顺滑和安静，且磁铁稳定的排斥力让魔方每个中心块受压力均匀，大大提高了魔方使用时的手感。

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(54)实用新型名称

一种魔方

(57)摘要

本实用新型公开一种魔方，包括磁力壳、多个第一磁性部件、中心体和角块，磁力壳具有空腔，磁力壳上设置多个连通空腔的连通口，各第一磁性部件设置于磁力壳的内壁上，中心体包括轴心部和多个中心轴，轴心部设置于空腔内，各中心轴均一端连接轴心体，另一端伸出相应的连通口，角块连接于中心体，角块上设置第二磁性部件，第一磁性部件和第二磁性部件磁性吸附，本申请的魔方，第二磁性部件是跟随魔方角块围绕轴心进行转动，第二磁性部件与中心体上的第一磁性部件是相吸关系，可以辅助魔方在将要转动成立方体时进行辅助归位，归位后利用第一磁性部件与第二磁性部件的相吸关系进行一定力度的锁定使魔方不易形变。

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Quality Assurance

Selected Materials for Peace of Mind

CCC National Certification

Official Factory Inspection

AoChuang V6 Series Version Information

Choose AoChuang V6 Become a 5x5 Rising Star

Model	Single-Track Magnetic Version	Single-Track Magnetic Magic Cloth Version	Dual-Track Magnetic Magic Cloth Version	Triple-Track Magnetic Magic Cloth Version
Outer Track Magnets	96	96	96	96
Ball Core Positioning Magnets	/	/	16	16
Inner-Piece Foot Magnets	/	/	/	48
Total Magnets	96	96	112	160
Sizes	60.5*60.5 *60.5mm	60.5*60.5 *60.5mm	60.5*60.5 *60.5mm	60.5*60.5 *60.5mm
Exterior Craftsmanship	Glossy	Magic Cloth	Magic Cloth	Magic Cloth