MoYu
魔域文化

MoYu Culture Aoshi V4

Triple Magnetic Tracks, Revolutionized 6x6 Speed

232 Magnets / **Triple-Track Magnetic System**

/ Lightweight Upgrade



MoYu Culture

Creator of Multiple WCA World Records



Chen Yonghuang

Founder of WCU Cube Union

Founder of MoYu Culture

6x6 Average World Record
1'05.88s

6x6 Single World Record
1'27.85s

6x6 Average China Record
1'29.75s

6x6 Average Asia Record
1'37.92s

(Records valid as of August 31, 2025)

Aoshi V4 ·
Five Key Highlights

1

Highlight 1

⟨Triple Magnetic Tracks⟩

Patented Design for High-Level Speedcubing



144
Outer Track Magnets



16
Core Axis Magnets



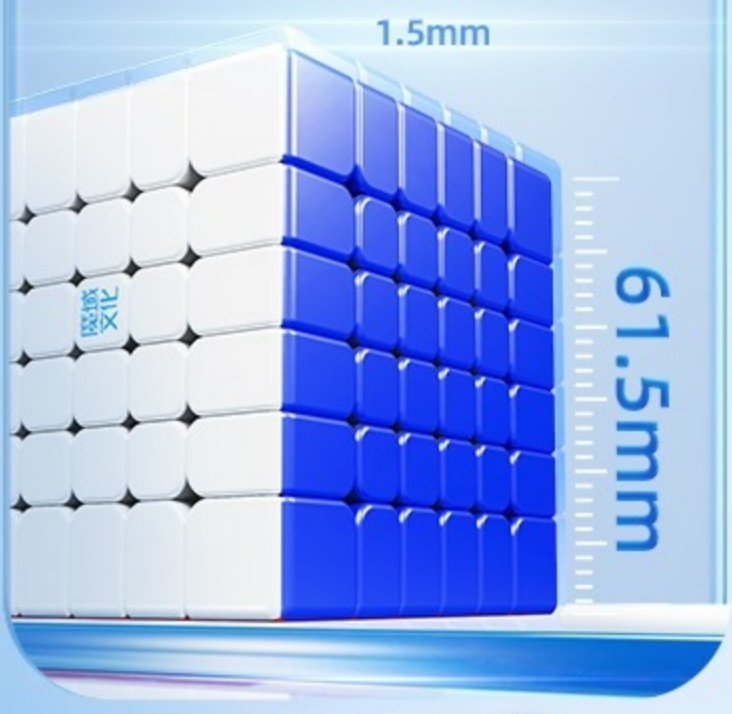
72
Inner Block Magnets

2

Highlight 2

⟨61.5mm Compact Size⟩

1.5mm Smaller than Previous Generation



3

Highlight 3

⟨As Light as 133g⟩

Reduced Hand Fatigue



4

Highlight 4

⟨High-Stability Structure⟩

Smooth & Stable Turning with Enhanced Tolerance



5

Highlight 5

⟨Customizable Axis Distance⟩

Adjustable Tension for Personalized Feel



Magnetic Configuration

Triple-Track Magnets:

Redefining 6x6 Magnetic Feel

Three-Level Magnetic Drive with 232 Magnets:

"Outer, Axis, and Inner"

Moyu Patent – Breaking Convention, Redefining 6x6 Speedcubing

Patent No:
ZL 2024 2 0094382.8



01 First Drive: Outer Track Magnets

144 Magnets Outer Track

Accurate Edge Alignment, Essential for Competitive Speed



Second Drive: Axis Core Magnets 02

160 Magnets

Axis Core

Enhanced Core Stability, Faster Alignment

16
Core Axis Magnets



144
Outer Track Magnets

03. Third Drive: Inner Block Magnets

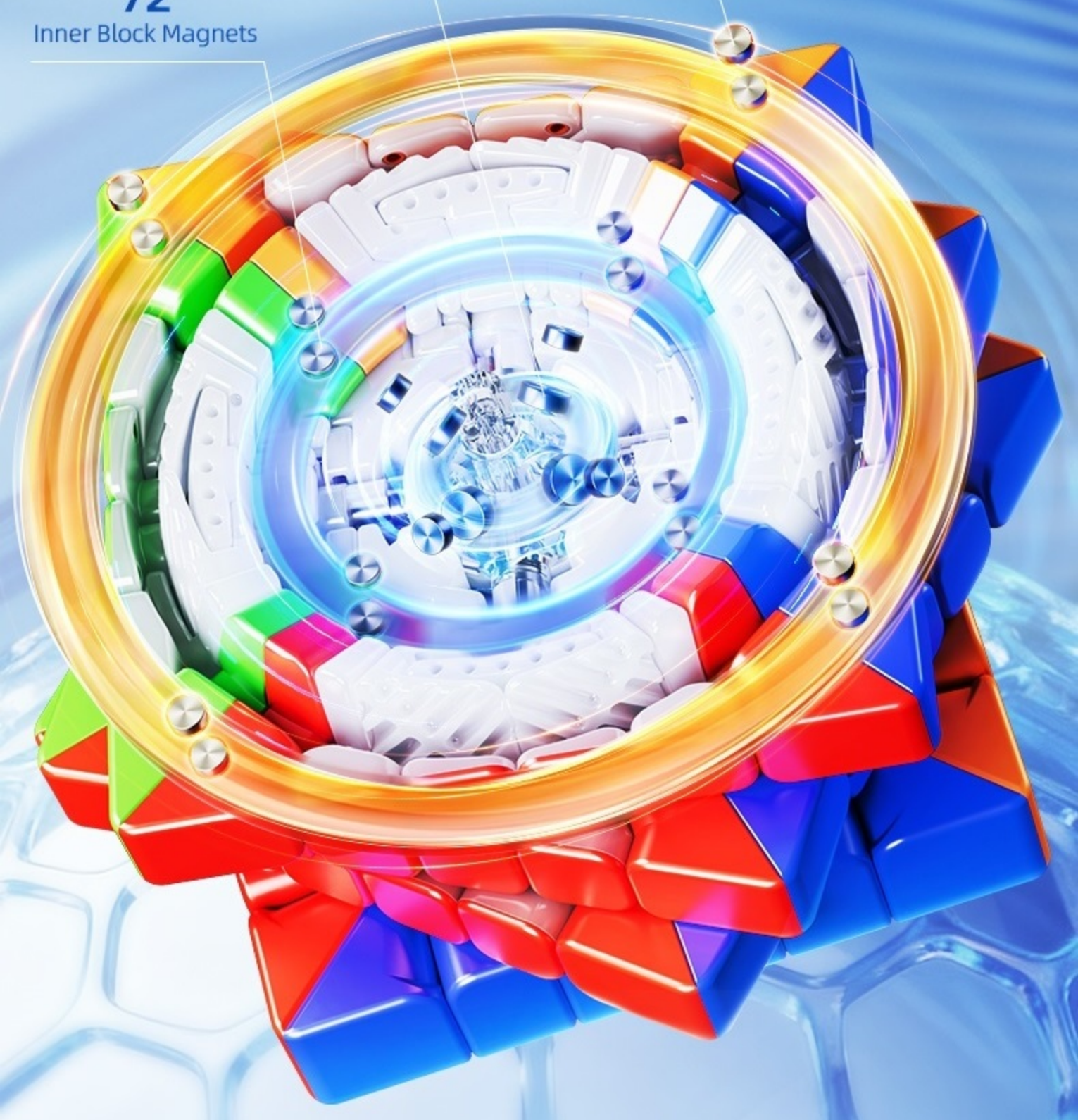
232 Magnets Inner Track

Boosts Power & Stability for Next-Level Performance

144
Outer Track Magnets

16
Core Axis Magnets

72
Inner Block Magnets



Lightweight Upgrade

Lighter, Faster

Compact Yet Powerful

Compared to the Previous Version,

Aoshi V4 Features Full **Lightweight Optimization**:

Single-Track:

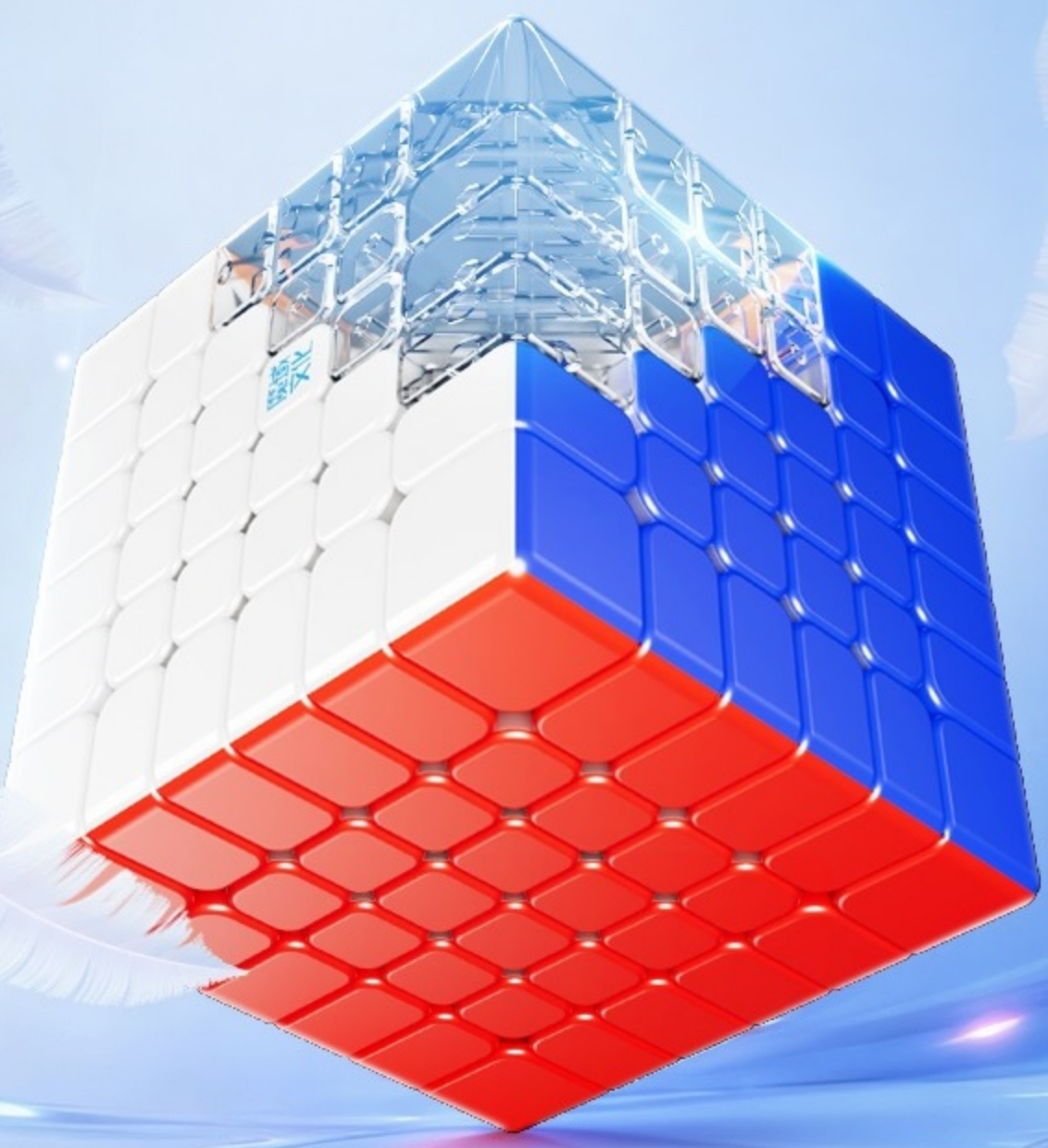
16g Lighter

Dual-Track:

+16 Magnets,
14g Lighter

Triple-Track:

+88 Magnets,
8g Lighter





Hollow Design

Reduce the internal structure to reduce the load-bearing capacity



Compact 61.5mm Size

1.5mm smaller than previous generation

≈133g

(Single-Track Edition)

Eliminate the cumbersome feeling of high-level racing, and achieve faster and lighter speed



Stable Structure

Engineered for Maximum Stability

Unleash Speed with Confidence

Structurally ensure the overall stability

of the sixth-order system, and focus on enhancing hand speed.

Reverse-Track Design

Reverse extension forms a circular track, allowing smooth rotation and reducing stuttering.



Symmetric Snap-Fit

Exquisite edge splicing design, effectively preventing flying edges and POP



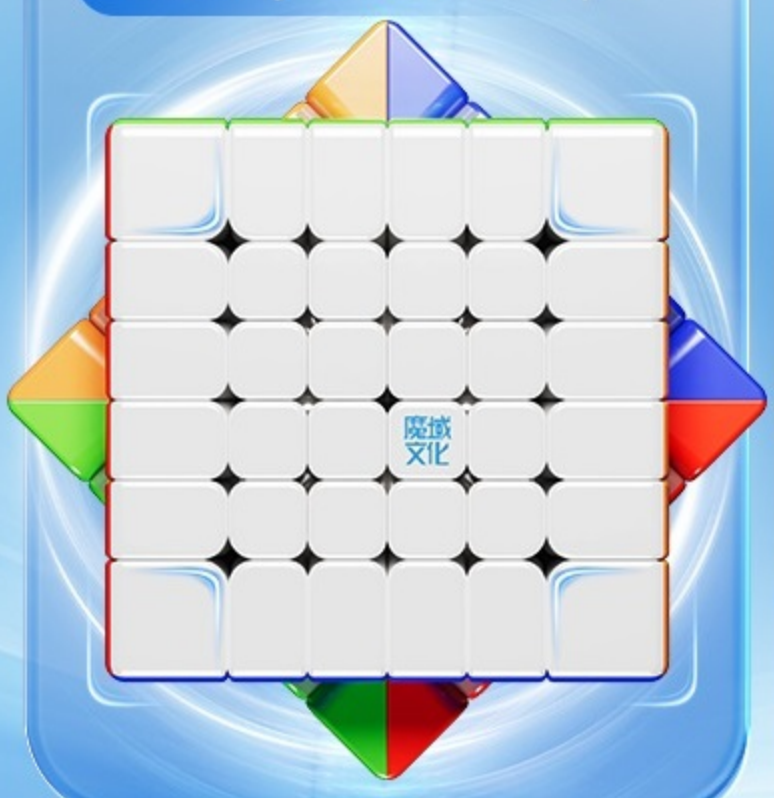
Anti-Misalignment

Optimize the internal edge engagement structure, reinforce support, and prevent misalignment



Rounded Corner Cutting

Large fillets for fault tolerance, accommodating small errors caused by rotational techniques



Internal Lube Grooves

Oil reservoirs are set between layers to increase the oil retention area for lubrication, ensuring smooth and quick rotation.



Tension Adjustment

Fine-Tune Tension

Master Your Speed

Screw-Based Adjustment for Millimeter Precision,
allowing you to customize your preferred tactile feedback
Save the opening step, insert the screwdriver and rotate it



Exterior Finish Options

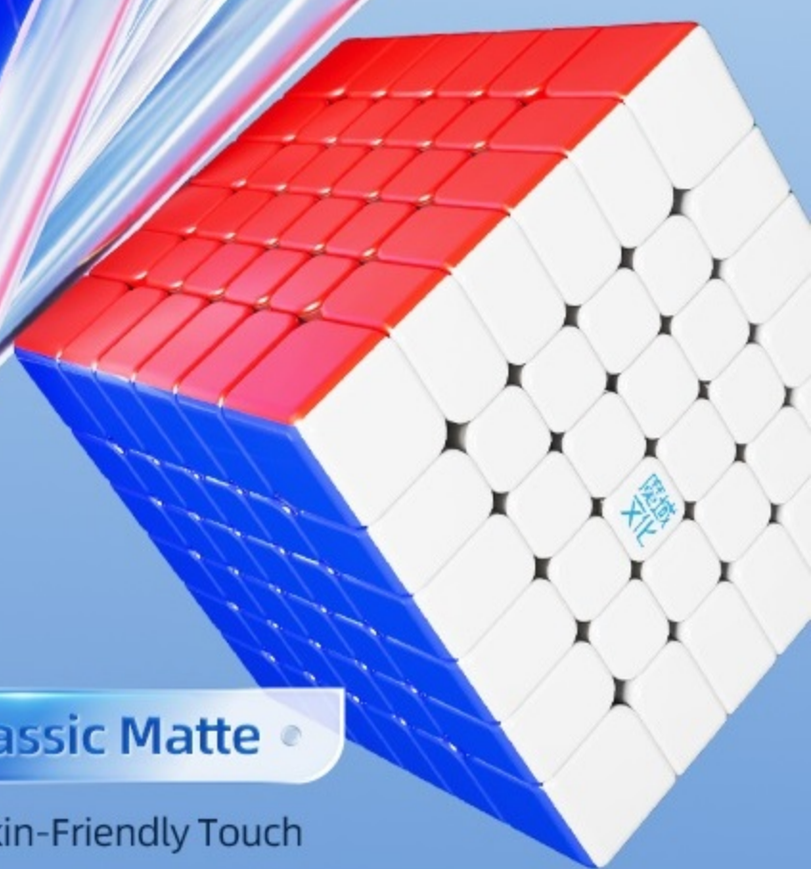
Two Styles Available

Crafted to Perfection



Upgraded Magic Coat

Glossy & Resistant to Smudges



Classic Matte

Anti-Slip, Skin-Friendly Touch

Product Information

Aoshi V4, Revolutionized 6x6 Speed

Model	 Aoshi V4 6x6 Single-Track Magnetic	 Aoshi V4 6x6 Dual-Track Magnetic	 Aoshi V4 6x6 Triple-Track Magnetic	 Aoshi V4 6x6 Track Magic Coat
Outer Track Magnets	144	144	144	144
Ball Core Magnets	/	16	16	16
Inner Block Magnets	/	/	72	72
Total Magnets	144	160	232	232
Tension Adjustment	Screw Adjustment (all versions)	Screw Adjustment (all versions)	Screw Adjustment (all versions)	Screw Adjustment (all versions)
Size	61.5*61.5*61.5mm			61.5*61.5*61.5mm
Weight	≈133g	≈135g	≈141g	≈142g
Finish	Magic	Magic	Magic	Magic Coat