



爆手速 刷纪录
YOUR ULTIMATE PB RENEWER



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GAN 精控弹力系统

GAN Elasticity System/GES

GAN 独创的精控弹力系统迎来最强升级——GES+。GES+ 将一如既往地支持弹力、轴距分别控制，同时为你带来前所未有的徒手调试体验和数字调试精准度。

The brilliant GAN Elasticity System (GES) now releases its most important upgrade—the GES+. As always it allows you to change tensions easily without affecting the center piece travel. This time it also brings you the tool-free tuning experience with a whole new level of precision.

弹力控制

Tension control

弹力决定转动时感受到的弹性大小，是影响魔方手感的关键。弹力越大，手感越紧凑。GES v3 /GES+ 配备 4 组不同弹粒。轻松更换，即可获得理想手感。

Tension is the key determinant of handfeels—the stronger the tension, the tighter and more stable the cube feels. GES v3/GES+ provides 4 sets of different GAN tension nuts (GTN). Try out the various handfeels!



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GES v3

IPG v5+ GTN v3

可视调试，弹力随心。

Dual control,
easy tuning



P1

GES+

Numerical IPG+ Numerical GTN

精准平衡，徒手数调。

Tool-free tuning, with
unprecedented precision.



P2

GES v3 调试步骤

GES v3 instructions

1

打开中心盖，用 Y 型调试工具逆时针旋转，取出原弹粒。

Open center cap. Loosen the tension nut with the tool by twisting it counterclockwise.

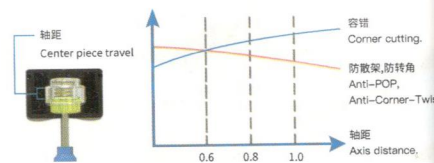


P5

轴距控制

Center piece travel control

轴距是中心块可上下移动的距离，决定了魔方容错、易容、防 POP 等关键性能。保证每面轴距精准一致，是魔方调试的基础。Center piece travel is the distance the center can move up and down the core when turning, and determines key performances of the cube. Ensuring same center piece travel on all 6 sides is essential to any further tuning of the cube. The new snap lock mechanism with the GES+ can bring center piece travel to an unprecedented level of precision.



2

装入新弹粒，顺时针旋转至目标位置。请确保每面调试一致，确保轴距均衡。

Put on a new tension nut. Turn it clockwise to the desired position.

推荐调试范围：

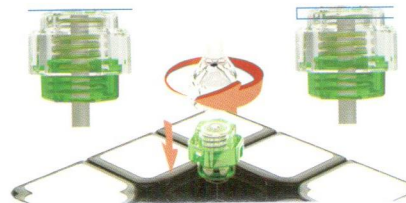
Recommended tuning range:

与轴端齐平 (≈轴距 0.6mm)

From even to the end of the core (≈0.6mm center piece travel)

至齐平后反松 1 圈 (≈轴距 1mm)

To 1 turn loosening from even position (≈1.0mm center piece travel)



GES+ 调试步骤

GES+ instructions

1

中心盖 4 角设置易开凹槽，打开中心盖。

Open the center cap from one of the four edges with easy-opening gap.



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GAN 变磁系统

GAN Magnet system /GMS

3 组磁力闪变，有磁无磁秒切

World's first flash-swap magnet system

P11

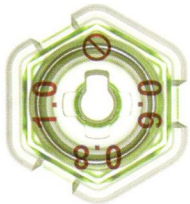
2

数调精控弹粒设置 4 个刻度：

The new numerical GTN has 4 positions that work together with the pointer at the end of Numerical IPG:

⊙：装取位置。只有轴端卡针对准此处才能将弹粒装入/取出。
0.6/0.8/1.0：分别代表 0.6/0/8/1.0mm 3 档轴距。

⊙：In and out position. Only when pointer is resting here can you take out or put in a tension nut.
0.6/0.8/1.0: Center piece travel indicators, meaning it can be set at 0.6mm the least, 0.8mm or 1mm the most.



P8

世界首款可换磁力魔方

Now you can change the magnet of your cube

GAN356 X 是世界上第一款可变磁魔方。GAN 专利变磁系统，配备 3 组磁力舱，和 1 组无磁舱，可以实现 3 组磁力闪变，有磁无磁秒切。

GAN356 X is the world's first magnet swappable speedcube. The GAN magnet system (GMS) provides 3 sets of GAN magnet capsules(GMC) covering strength strong to weak. There is also 1 set of empty capsules in case you wonder what a regular non-magnetized cube feels like.



Strong

Medium

Weak

Null

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3

用手指按压原弹粒到底解除卡定，按压状态下旋转至 ⊙ 位取出。
Press the tension nut to the bottom to unlock it, hold the pressure and turn to ⊙ position and remove it.



P9

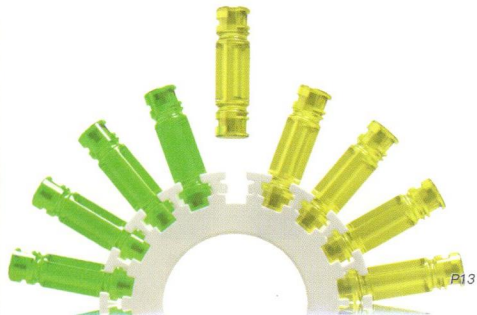
GMS 变磁步骤

GMS instructions

1

将磁力舱整盘取出，抽出待换磁力舱。

Take out the entire plate, and extract the GMC you desire.



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4

将新弹粒在 ⊙ 位装入，轻压并旋转至目标刻度释放，弹粒将自动回弹卡定，调试完成。（注：请确保旋转到位，否则弹粒无法回弹，会导致轴距和弹力异常。）

Put in the new tension nut, press and turn until reaching the desired position. Release and it will bounce and lock in with the pointer. (Note: please ensure turning to the right position. The nut will not bounce back mid-way and will cause abnormal handfeels.)

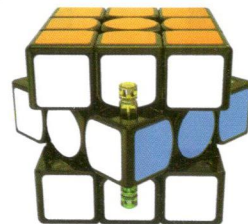


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2

将新磁力舱对准棱块磁力槽，轻压滑入至完全卡定，原磁力舱顺势推出，完成更换。（注：磁力槽不分上下，可于棱块任一侧装入。）

Aim the new GMC at the magnet slot on the edge piece. Push it and it will slide in until reaching lock-in position. The old GMC will be pushed out simultaneously. (Note: no need to distinguish up/down side.)



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