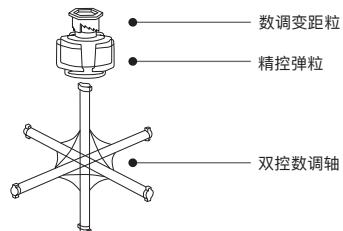




GAN 双精控系统 (GES Pro)

GAN 原创的精控弹力系统 GES+, 全新升级为 GAN 双精控系统 GES Pro, 它由双控数调轴、6 级精控弹粒以及数调变距粒组成, 支持 6 级弹力、4 档轴距的分别控制, 实现 24 种更为精细的调试。

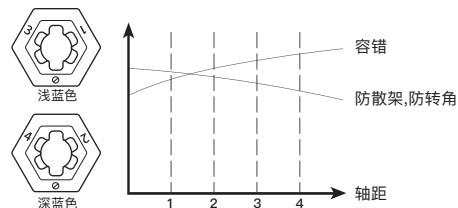


轴距控制

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。保证每面轴距的精准一致, 是魔方调试的基础。配备 2 组变距粒, 4 档轴距, 档位越大, 轴距越大, 容错越大。

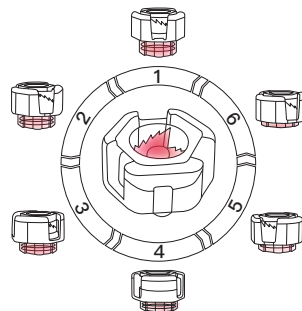
Ø: 装取位置。轴端卡针对准此处, 取出/装入。

1/2/3/4: 代表 4 档轴距。



弹力控制

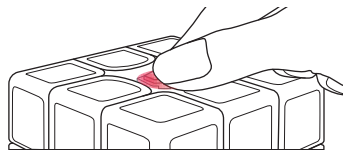
弹力决定转动时感受到的弹性大小, 是影响魔方手感的关键。弹力越大, 手感越紧凑。精控弹粒配置 6 级弹力卡位, 每逆时针转动 1 级, 增大 1 级弹力。



GES Pro 调试步骤

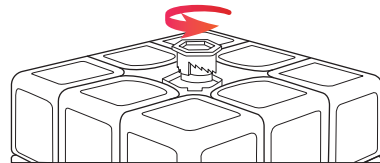
第一步: 轴距调试

01/ 从 4 角凹槽处打开中心盖, 用手指按压精控弹粒到底并保持, 旋转变距粒至目标刻度释放, 调试完成。



注: 请确保变距粒旋转到位, 否则无法回弹, 会导致轴距异常。如无法转动变距粒, 可能是因为弹力处于第 6 级, 请先调小弹力。

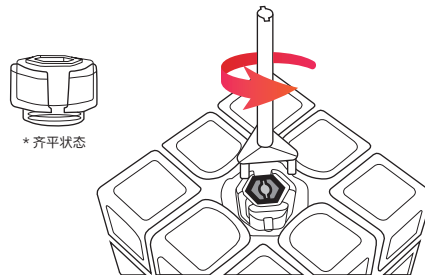
02/ 更换变距粒时, 重复步骤 01, 旋转变距粒至 Ø 位取出, 装入新变距粒并转至目标刻度释放即可。



注: 轴距调试过程中会改变弹力, 可在完成调试后重新调试弹力。

第二步: 弹力调试

01/ 将弹粒棒对准 6 级精控弹粒三边槽口插入, 逆时针慢速拧转弹粒, 每到达一处明显卡位, 即代表完成一级弹力调试。拧转至目标档位后, 依次完成其它 5 面调试。



注: 请先将弹粒顶端调整至与变距粒顶端齐平* (最小弹力状态), 再进行弹力调试。



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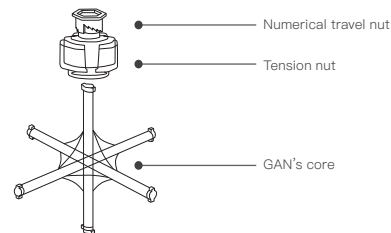


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GAN Dual Precision System (GES Pro)

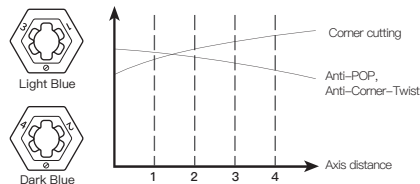
The GAN Elasticity System (GES+) has been redesigned with an important upgrade: the GES Pro. The GES Pro consists of a GAN's Dual Control Core, a 6-lvl Tension Nut, and a Numerical Travel Nut. The GES Pro allows you to change tensions easily and provides 6 sets of elasticity and 4 sets of center piece travel distances with unprecedented 24 unique degrees of precision.



Center piece travel control

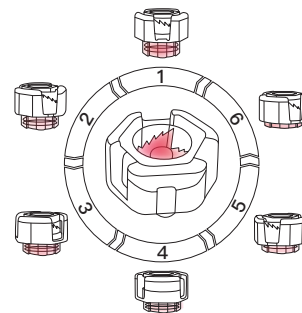
Center piece travel is the distance the center piece can move up and down the core when turning. It determines some key performances of the cube. Ensuring the same center piece travel on all 6 sides is essential to any further tuning of the cube. It comes with 2 sets of Numerical Travel Nuts with 4 completely different axis distances. The larger the number, the longer axis distance and the more corner cutting.

Ø : in and out position. Only when the pointer is resting here can you take out or put in a tension nut.
1/2/3/4 : 4 different axis distances.



Tension control

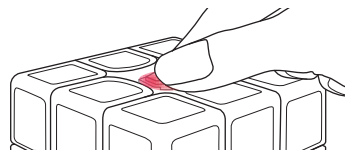
Tension is the key determinant of handfeel – the stronger the tension, the tighter and more stable the cube feels. The tension comes with 6 levels of different elasticity. Every clockwise turn will increase elasticity by one level.



GES Pro instruction

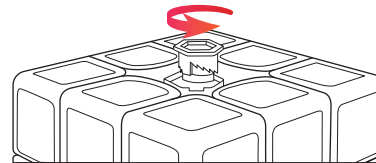
Step 1: The Center Piece Travel Distance

01/ Open the center cap from one of the four edges with the easy-opening gap. Press the tension nut and turn it until you reach the desired position. Release and it will bounce and lock in with the pointer.



Note: Please ensure that you are turning to the right position or the nut will not bounce back mid-way. You may fail to turn the nut if the elasticity is at level 6. In this case, please change to a lower level then turn the nut again.

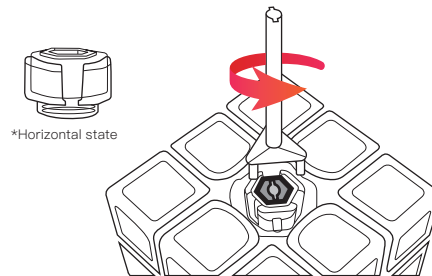
02/ Press the tension nut to Ø position and remove it. Change to the new tension nut and repeat step 01 to set up your desired handfeel.



Note: You may need to set up the elasticity again, as it may change while setting the center piece travel distance.

Step 2: The Elastic Force

01/ Turn the tension nut to the desired position by twisting it counterclockwise. Repeat this step to complete the setting of the other 5 sides.



Note: Please ensure the tension nut is at an even position with the tension nut before changing the elasticity.



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