SUNZO 变速箱弹簧 Transmission Spring



1.产品介绍

在现代全自动离合器、无级变速器以及双离合变速器中采用开槽碟形弹簧代替大量的螺旋压缩弹簧作为活塞复位弹簧。此外，当用作接触器或阻尼弹簧时，波形和碟形弹簧可以改善换挡的舒适度。采用碟形弹簧可以使汽车中变速器的长度缩短，同时可使重量减小5%。

1. Product Profile

The slotted disc spring is adopted as the piston reset spring to replace a large number of helical compression springs in modern fully automatic clutch, CVT and dual clutch gear. Additionally, if it is used as the contactor or damping spring, the waveform and disc springs can improve the comfort of gear shifting. The use of disc spring can shorten the length of automotive gearbox and reduce the weight by 5%.

变速箱弹簧 Gearbox Spring

碟形弹簧（回位簧） Disc spring (reset spring)	用于提高自动变速箱的换档舒适性和间隙补偿。 is used for the gear switch comfort and gap compensation of auto gearbox.
波形弹簧 （缓冲片，减震簧） Waveform spring (buffer plate, shock absorber spring)	1.减少轴向空间，径向也存在可能性 2.曲线多样性，特别是所需要的水平曲线 3.高刚度保证在高转速时不变性 1. To reduce the axial space and keep possibility in the radial direction 2. To keep the diversity of curves, especially the required horizontal curve 3. To guarantee the invariance at high rotating speed by high stiffness.
间隙垫圈 Gap washer	间隙片是由高精密度，高硬度，高韧性的精密钢带经热处理精磨加工制成，厚度从0.1-0.3mm The gap plate is produced by precision steel strips with high precision, hardness and toughness through thermal treatment and fine grinding and the thickness varies from 0.1mm to 0.3mm.
钢片 Steel plate	保证和摩擦片配合产生最佳的摩擦性能及耐久性，满足各种离合器、变扭器及制动器的性能要求。 Guarantees the optimal friction performance and durability through cooperating with friction plate and meets the performance of various clutch, torque converter and brake.