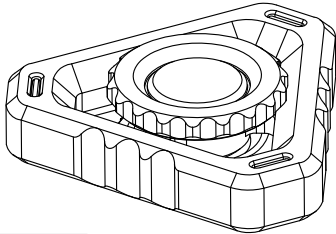


USER MANUAL

FOR MECHFORCE DELTACORE LONG SPINNER
TITANIUM



SPECIFICATION:

- Dimensions: Length: 2.3" x Width: 2.5" x Thick: 0.7"
- Weight: 3.6 OZ
- Main Body Material: Titanium Alloy 6AL4V
- Bearing Cap Material: Titanium Alloy 6AL4V
- Coating Technologies: Stonewashed
- Bearing: OneDrop Design Full SS R188 bearing (installed); Hybrid Ceramic R188 Ball Bearing (spare)
- Compliance with Toy Safety Standard ASTM F963-16
- Product Origin: Made In USA
- PATENT PENDING



WARNING: CHOKING HAZARD TO CHILDREN UNDER AGE OF 3 YEARS. CONTAINS SMALL PARTS.

DESCRIPTION:

The design of the Mechforce Deltacore is truly compelling. Every detail of this unique fidget spinner has been beautifully executed. The triangular body with flawlessly integrated floating like thumb cap, hidden spokes and triple cutouts give the spinner a striking contemporary presence. The details are even more striking. With 5/8" thickness, bold jimping on all three sides, light source pockets on both faces and dual tone extra-large thumb cap, all combining to deliver a uniquely sophisticated powerful stance. The Deltacore has a familiar Mechforce design language that exudes brutality and simplicity. Everything has been designed and crafted around premium upper-class fidget spinning experience.

At the heart of the Deltacore, lies the bearing. Two bearings have been generously supplied by Mechforce for each unit. Installed in the spinner is the most silent spinner bearing manufactured by Onedrop Design, which allows the user to enjoy the spinner without distracting the surrounding persons. As for the spare bearing, it is a high performance hybrid ceramic bearing designed to maximize spin time.

MAINTENANCE:

Bearing Maintenance:

Bearing can get dirty over the time of usage. Dust, particles and debris can get into the bearing and reduce spin performance and create noise.

It is recommended to clean the bearing bi-weekly to stay optimal spin performance.

Quick Clean:

1. Remove the thumb cap both male and the female from the spinner. Bearing removal is not required.
2. Spray 91% or greater concentration of Isopropyl Alcohol directly to the bearing balls.
3. Allow the alcohol to air dry or blow dry by using an air fan or blower.
4. Install the thumb cap back to the spinner. The spin performance should have a noticeable improvement.

Deep Clean:

1. Remove the thumb cap both male and the female from the spinner. Bearing removal is not required.
2. Apply dishwashing degreaser to the bearing balls.
3. Spin the bearing for 30 seconds allowing the dishwashing degreaser averages out around the bearing balls.
4. Turn on the tap water to hot and rinse the bearing to clean away the dishwashing degreaser.
5. Spray 91% or greater concentration of Isopropyl Alcohol directly to the bearing balls. (Optional)
6. Blow dry the bearing with a hairdryer. Turn the hairdryer's temperature to medium or low. Do not overheat the bearing.
7. Install the thumb cap back to the spinner. The spin performance should have restored to factory new condition.



Bearing Life:

The Mechforce Deltacore spinners come equipped with tight tolerance R188 ball bearings which can be easily damaged if dropped on the hard floor.

If dropping on the floor is inevitable, try make the spinner's outer ring land first. The bearing will be most likely damaged if the thumb cap lands first.

Minor damaged bearing can be self repaired by spinning for a few days. If the bearing cannot be repaired by spinning (repolishing), a new bearing and bearing replacement is needed.

Bearing Replacement Procedures:

Tools Needed:

(1X) 3/64 flathead screwdriver and one any other size flathead screwdriver



1. Locate the bearing retainer's starting point.
2. Use the 3/64 flathead screwdriver to pick out the retainer's starting point.
3. Use the second flathead screwdriver as a assist to make the retainer's starting point stuck outside preventing it from springing back in.
4. Work around the retainer until the entire clip is removed.
5. Remove the bearing from the bearing hole. Use a hammer with a cylindrical pin to tap the bearing out if needed.
6. Apply a thin layer of Loctite Blue around the new bearing, then place the new bearing inside of the bearing hole. Do not let the Loctite Blue get into the bearing balls.
7. Install the retainer back into the retainer groove. To install, first split the retainer open with the flathead screwdriver. Then, place the retainer's starting point into the groove. Use the flathead screwdriver to push the rest of the retainer into the groove.
8. Thread the thumb caps back to the spinner and this procedure is completed.

BALANCING:

The spinner is factory balanced. However, it may become unbalanced in following conditions.

Do not remove material from the spinner body. Doing so will make the spinner become unbalanced.

Do not apply aftermarket coating to the spinner body. The coating may be unevenly distributed on the spinner's surface which will result in unbalance.

WARRANTY:

Limited Lifetime Warranty on all components except the bearing.

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