

## Foundations TT centre weight



### Foundations TT centre weight

The SoundFoundations TT centre weights are entirely custom made and must be preordered. Our standard weight is 80mm in diameter. We are pretty sure these weights need no introduction for Vinyl heads. Most consider these an indispensable tool to get the best out of warped records.

In addition to removing ticks and hisses from warped records due to the jumping stylus the weights are known to add definition and authority to the music. A more stable and deeper soundstage is a given result.

Our custom designs include CNC work with Aluminium, Brass, Copper and Stainless Steel. We have noticed each material having its own unique sound signature.

Please check what weight is recommended for your TT before buying/ordering

Generally we recommend that the centre weight be used in conjunction with the Universal stabilizing Ring.

More here

<http://soundfoundations.in/support/>

<http://www.hifivision.com/phono-turntables/19484-universal-record-stabilising-ring.html>

#### **A. *CopperHead (1.4-1.5kg) Centre weight***



Being our flagship centre weight this is truly a work of art. The Copperhead provides the most superior resolution, articulation and control of high frequencies. It delivers a mass damping which is the quietest of all centre weights with pin point sound staging and life like vocal delivery coupled with a deep, tight low frequency impact. It delivers the highest db from all our other weights.

The Foundations Copperhead is a 99.8% pure centre weight that is CNC turned from a virgin billet. It is hand buffed and lacquered for a beautiful, timeless and classic finish. The durable non oxidizing coating maintains the natural beautiful look of copper making sure the beautiful centre piece maintains the fresh look always.

The base is machined with a concave radii which 3.5mm deep , leaving a 6 mm step from the outer edge.This allows for perfect seating around the record label.

The bore for spindle is 7.25mm and in machined to 0.001" concentricity with the outer diameter of the weight to ensure perfect rotation

The weight is contour machined to clear most large cartridges and is recommended for robust TTs

- Non ferrous,non magnetic
- Recommended for VPI
- 87mm in diameter and 38mm tall
- Universal fit with quicker transients and frequency response
- Clean high register and improved dynamics

#### **B. AluminaHead ( RegaProject weight) – 350-400gms**



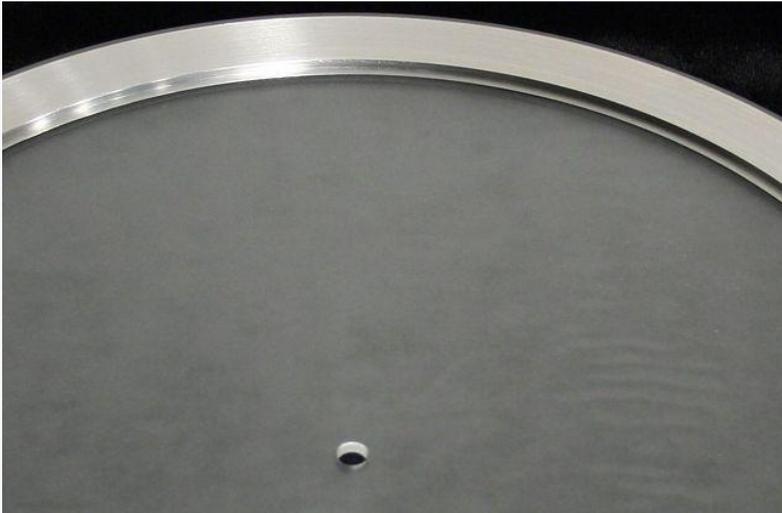
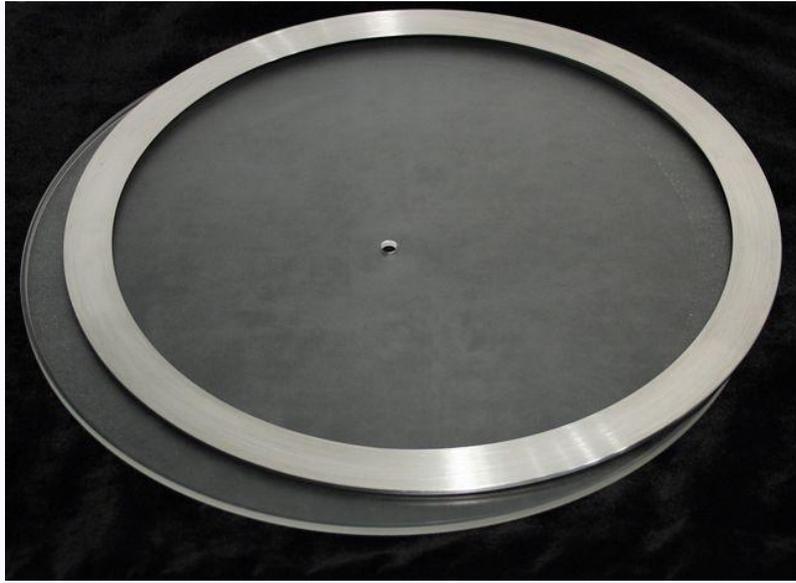
Recommended for Project Debut series, Rega and thorens this weight is an ideal damper for light suspended tables. Diameter is 80mm and height will vary from 1.5- 2 inch depending on contour design. The weight is designed with a low centre of gravity and large flat base. The top end is knurled for grip and the large flat base provides excellent coupling with the record

**C. BrassHead ( Mid weight TTs) – 1kg**



The brass centre weight is our **signature** weight (the original one used to have a bubble gauge in the centre) which is recommended for most medium duty TT's. It features a radii on the top face which provides superb resonance management. The weight offers cleaner articulation of high frequencies with an improved bass response. Pic shows a brass weight that has been coated with a Silver laquer however all our current offerings feature the natural brass gold look. The underside has a 3mm instep and features 4 bores (dia 12mm) that are 12mm deep. The bores increase surface area which improve resonance mgt and dissipate energy from the record

The SoundFoundations Universal Record Stabilizing Ring (USRS)-MK2 version 775gms





The RSR is intended to reduce resonance in the vinyl surface and to couple the record firmly to the platter. This is achieved by the use of a clamp in the centre of the record as well as the RSR at the periphery of the record. Use of the RSR without a suitable clamp will result in very noisy reproduction along with a strange stereo image presentation

### ***How it works***

The outer ring will provide dramatic improvements to the records imaging and sound staging. The absolute peak performance will be gained when there is no free play or movement from the vinyl itself. The Outer ring and clamp essentially locate the vinyl directly to the mat, significantly reducing distortion even with worn record grooves. The 770 Gram Alloy Outer Ring will reduce and remove the warp in most records except for the most extreme. If the record is more than 3/8 of an inch warp the ring will flatten most of the warp but they may still be unplayable. Caution is advised.

Ring works by reducing high frequency noise caused by microscopic vibration that causes the stylus to “hear” sounds that are not there, this causes listening fatigue. The true high frequencies can be extracted from the vinyl essentially cleaning up the distortion caused by a vibrating the record groove. Play only what is there in the groove. The Soundfoundations Ring provides smooth and accurate sound across the listening spectrum. The quiet passages are beautiful, less background noise, less tracking and VTA errors create awesome dynamics.

There is a marked reduction in surface noise, which is dramatically presented with silence on the run in grooves and also on the run out. This is due to the record being clamped to the platter. Stereo imaging with the RSR is much larger in all dimensions. Speed stability is measurably superior; this is evidenced by playing solo piano, solo voice and flamenco guitar. This is due again to the record being clamped to the platter and the extra centrifugal force as the platter with the RSR has a greater diameter along with a larger mass.

Transient recovery is improved a great deal, as is the overall reproduction of the vinyl. Bass instruments are almost unbelievable in their clarity and weight.. Treble presentation is delivered with consummate ease with no hint of “glassy” extension. Although the RSR seems rather unwieldy, the advantages of this accessory are truly tremendous almost to the point of being so natural that you will listen to the **performance** rather than the equipment.

### **Recommended Tables:**

VPI Tables – The new traveler and all other VPI Models, will fit all.

Rega Turntables

Project Turntables

Belt Drives, Direct Drives, lighter tables 1.3 lbs of periphery weight ideal

## Benefits

1. Optimum Coupling of Record to Turntable Platter / Mat as no other device can achieve
2. Lowers Noise Floor Significantly
3. Will make old worn vinyl sound 100% better and reduces pops and clicks
4. Eliminates Resonances and Lowers Distortion and End-Of-Side Distortion
5. Provides Pure Signal Retrieval
6. Improves cartridge tracking and stabilizes the VTA of the Stylus
7. Improves Stereo Image and Focussing
8. Superb instrument separation with wider and cleaner soundstage due to more accurate record tracking
9. Will flatten most warped records
10. Gives Improved Signal when Burning Quality CDs from LPs

## Material and Engineering Summary:

The Outer Ring is CNC machined from a solid proprietary non magnetic alloy that is resistant to tarnish and staining. Its then hand polished to a bright and beautiful silver finish

The ring finish is such that no harm will come to the cartridge if you lower the stylus on to the ring

775 Grams approximately – the MK2 version

Dimensions: 13.520 Diameter x .195 thick.

Inner counter bored diameter 11.900 x .175 deep, the record is inset.

A special centering disc is included for precise location of the ring on the outer lip of the LP

The top surface of the ring is less than .014 (.35 mm) higher than the LP surface providing excellent clearance for the Stylus on the entry groove of the record with manual and automatic turntables.

Note 1: For VPI turntables we have the heavier ring as recommended by VPI

See here: <http://www.elusivedisc.com/VPI-STAINLESS-STEEL-RING-CLAMP/productinfo/HW-A1120/>

Please contact us on [www.soundfoundations.in](http://www.soundfoundations.in) for information

Note2 : We are sorry to say our Outer Rings will not fit Technics SL series turntables

Note 3 :

- Maximum platter diameter should not be greater than 318 mm.
- The distance from the spindle to the arm base should be at least 170 mm.
- With belt-drive turntables, there should be at least 7 mm between the top of the platter and the belt.

Read more here about the URSR LP clamp

<http://www.positive-feedback.com/Issue20/ursrclamp.htm>

and here <http://soundfoundations.in/support/>