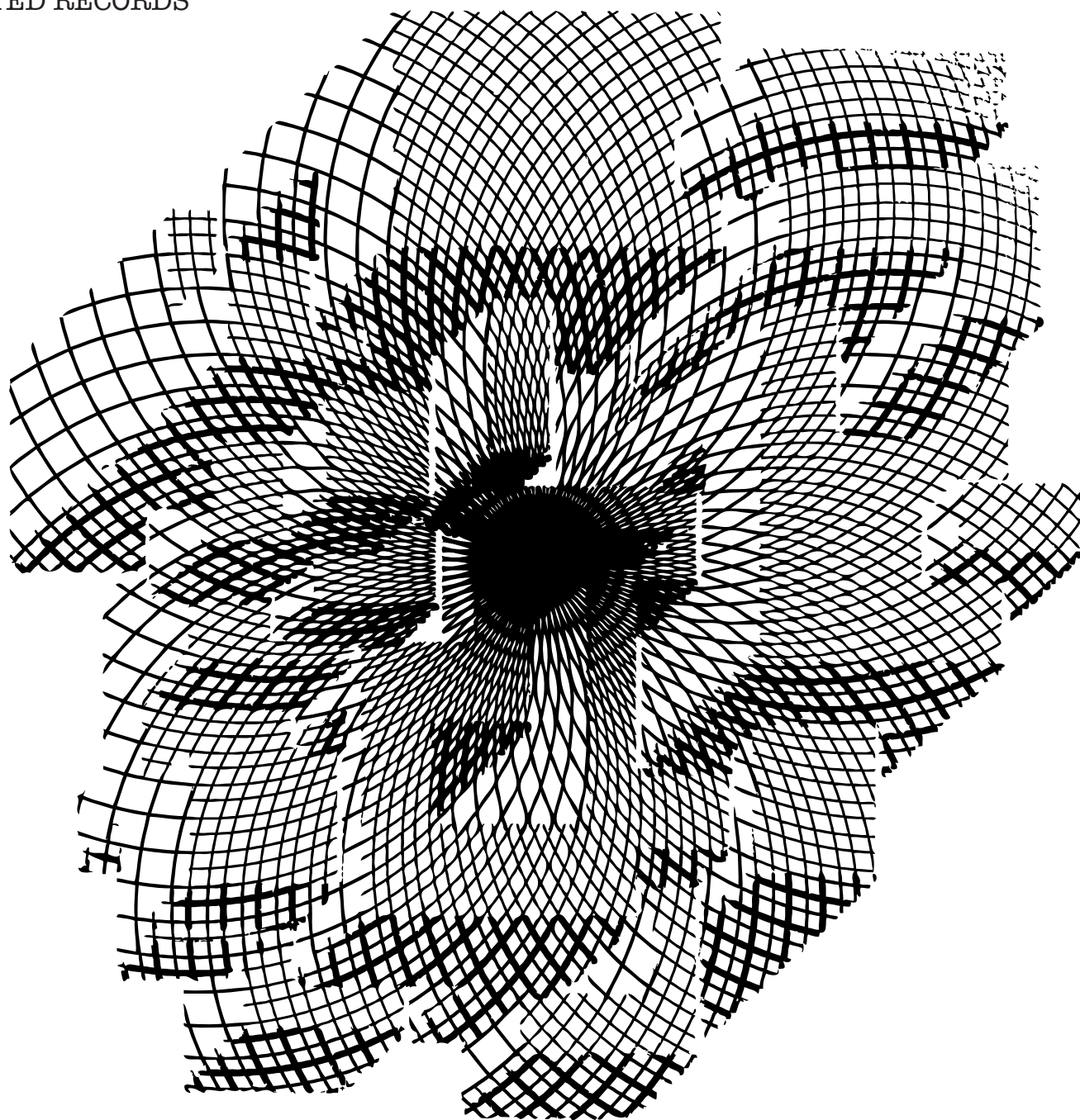


SPECIAL RE:QUEST  
ANIMATED RECORDS



DAEDELUS  
with DREW TETZ

## PHENAKISTOSCOPES?

To create the “Animated Records” for the Special Re: Quest video, we turned to a pre-cinema technique known as “phenakistoscopes.”

This illusion, discovered in 1832 by Belgian scientist Joseph Plateau, used a series of slits to trick your eyes into separating the spinning wheel into distinct moving images.

These days, it’s easier to view the motion through a camera, as the frame rate naturally blends the animation together. Watching the rotating disc through a cameraphone (or any other camera with a digital display shooting at 30FPS) brings the frames to life.

These illusions appear most clearly under bright lights, so use as many light sources as you can.

## BPM/RPM

To properly sync with the BPM of the song, the majority of the discs move at 28.75RPM (a few also flip to 57.5RPM.)

This means for an ideal viewing experience, you will need to adjust the speed of your turntable. Here are the numbers to change your speed/pitch slide to:

**28.75RPM:** -12.8% of 33RPM, or -36.2% of 45RPM

**57.5RPM:** +27.7% of 45RPM, or -26.3% of 78RPM

## IN SUMMARY:

### 1. Print the Disc

Print the disc of your choice & cut along the dotted lines (including the center spindle hole) to prepare it for the turntable.

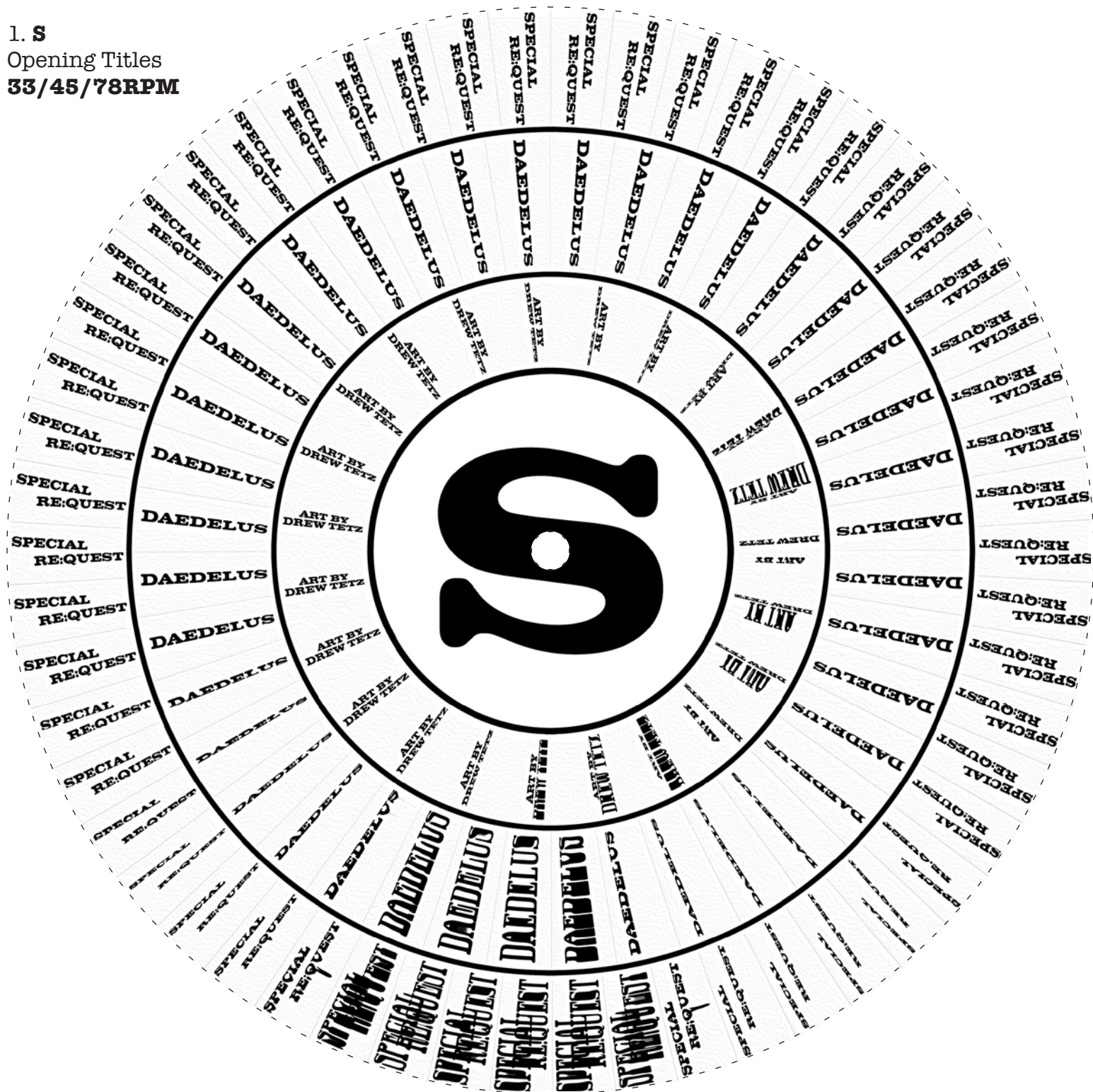
### 2. Spin the Disc

Place the disc on a turntable at the prescribed speed under the brightest light available.

### 3. Watch the Disc

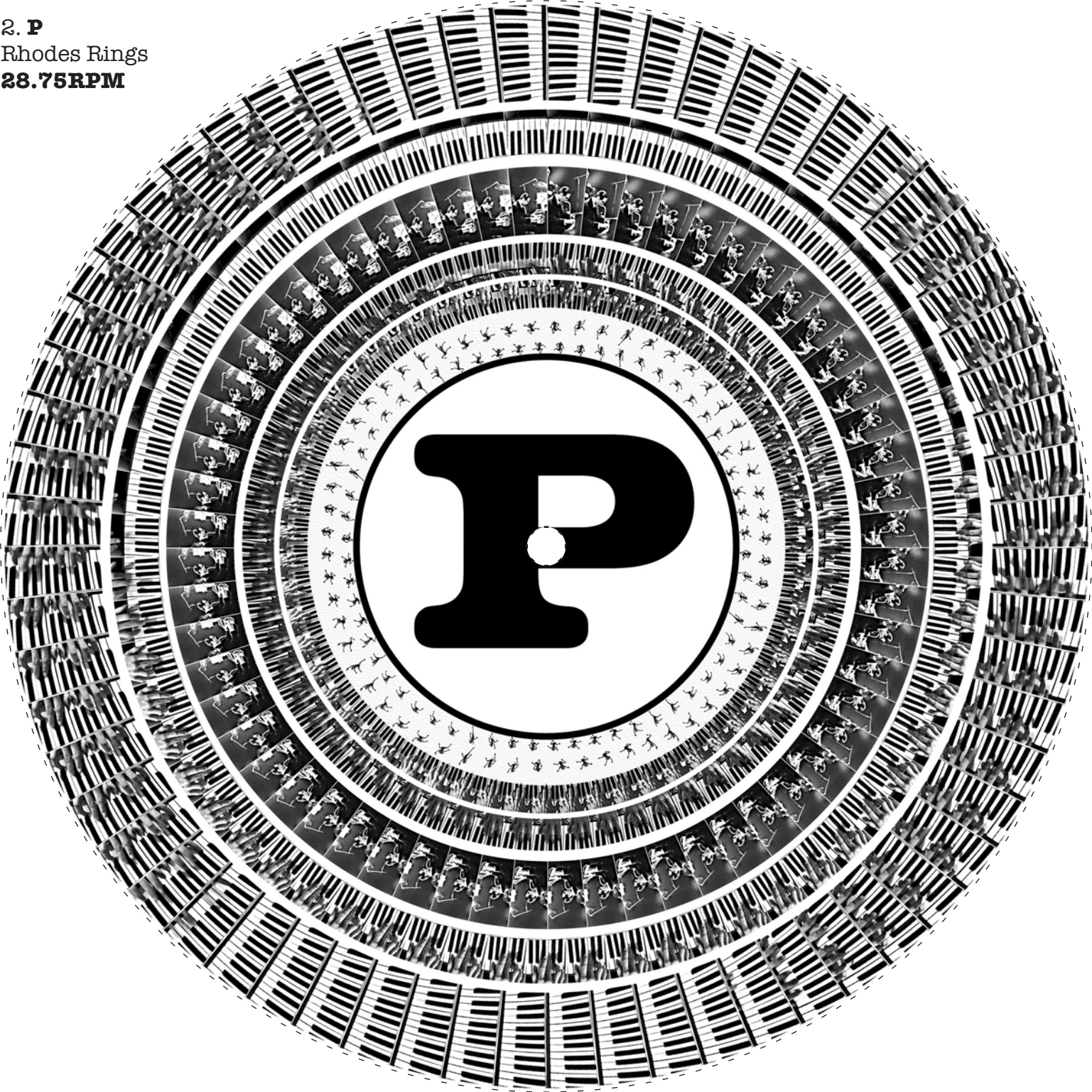
View the rotating disc through your cameraphone to activate the animation & observe the motion.

1. **S**  
Opening Titles  
**33/45/78RPM**





2. **P**  
Rhodes Rings  
**28.75RPM**

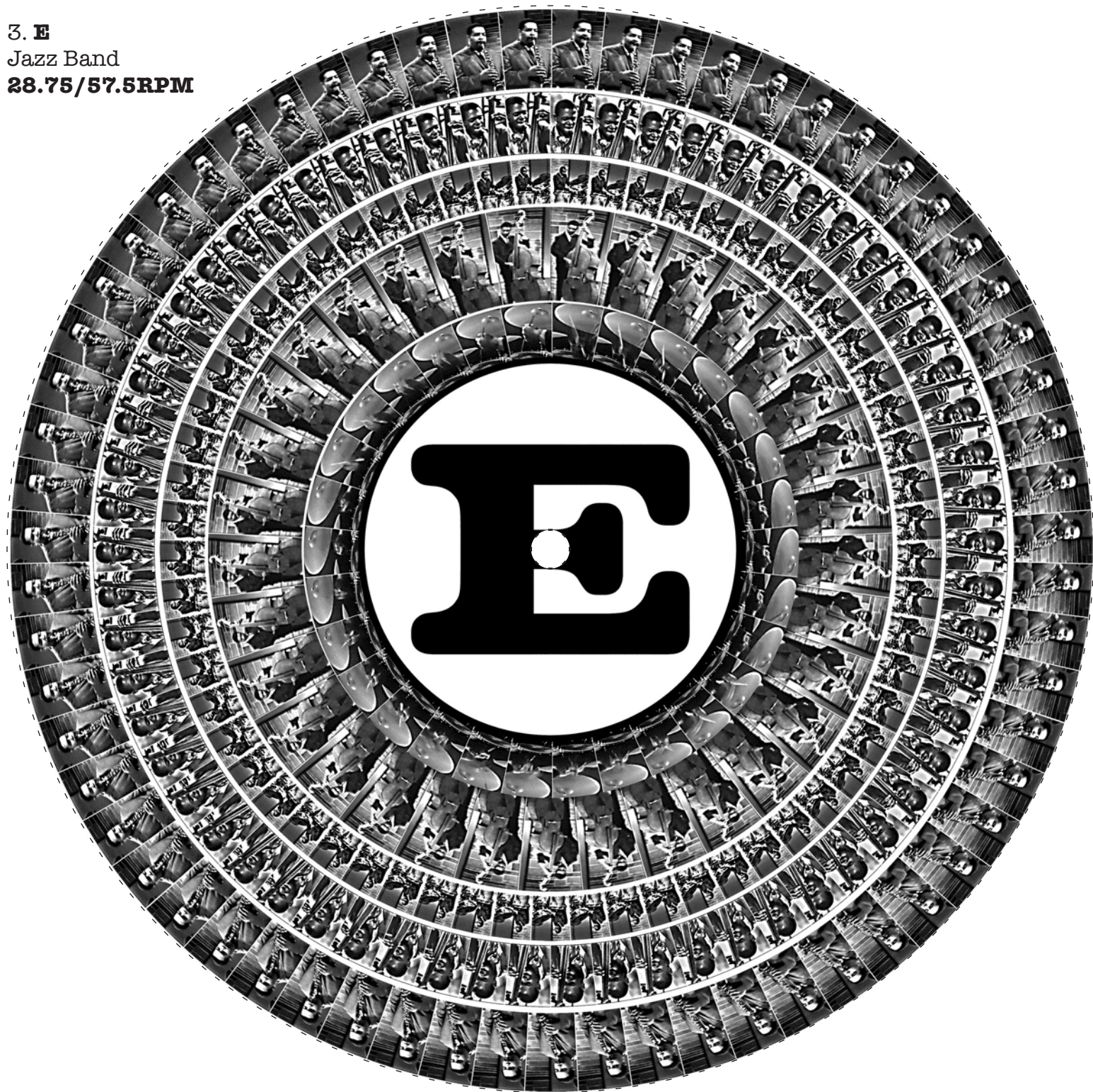




3. **E**

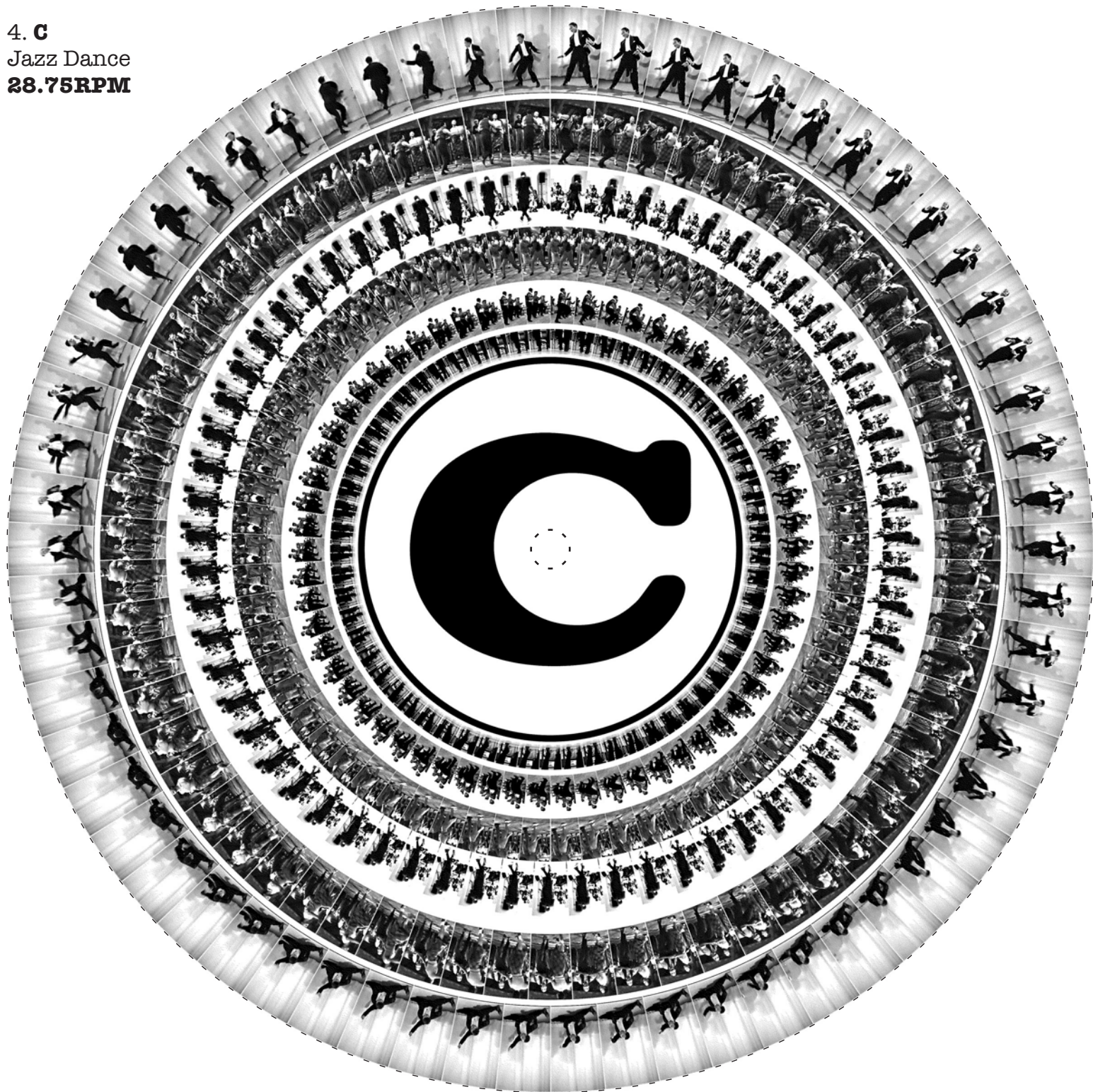
Jazz Band

**28.75/57.5RPM**



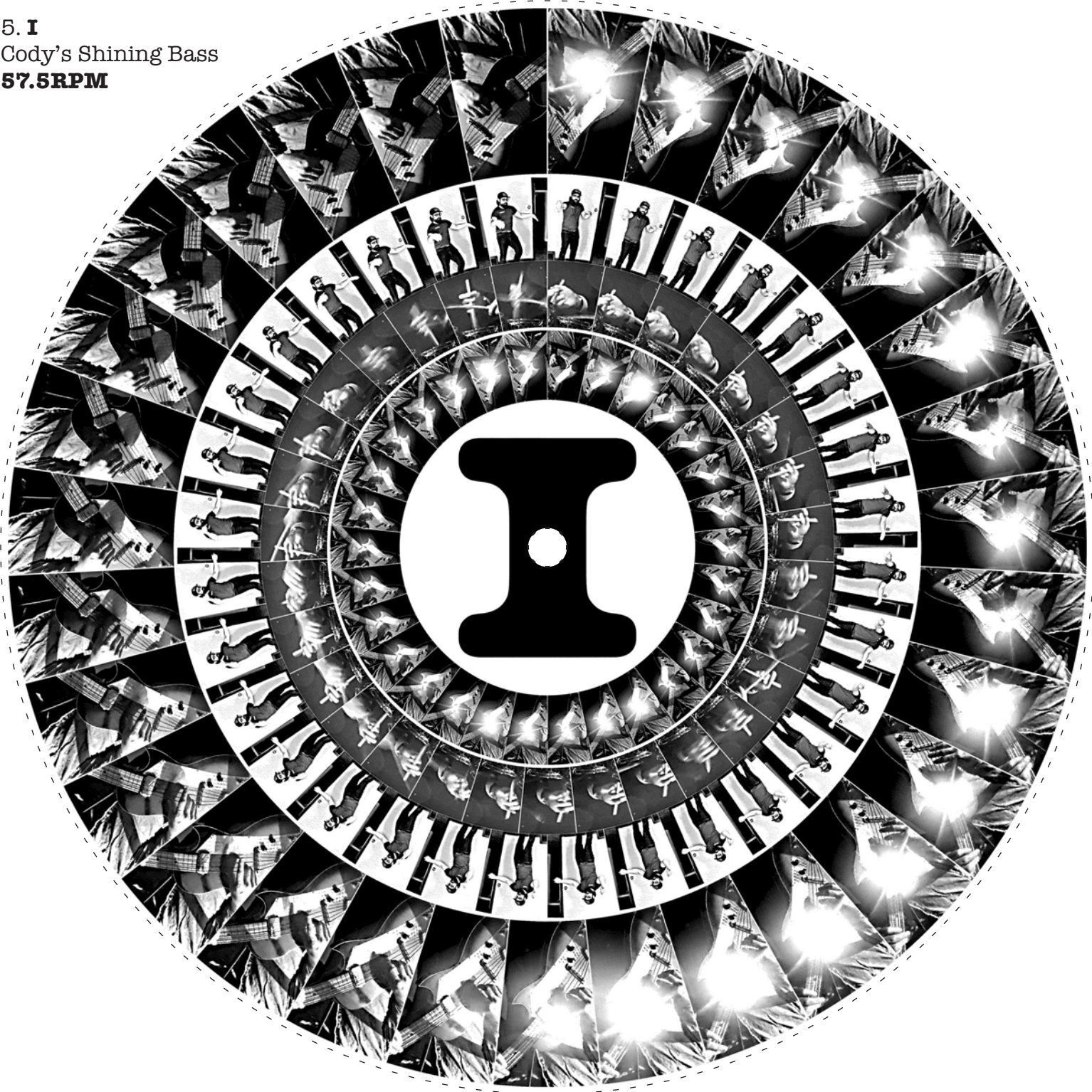


4. **C**  
Jazz Dance  
**28.75RPM**



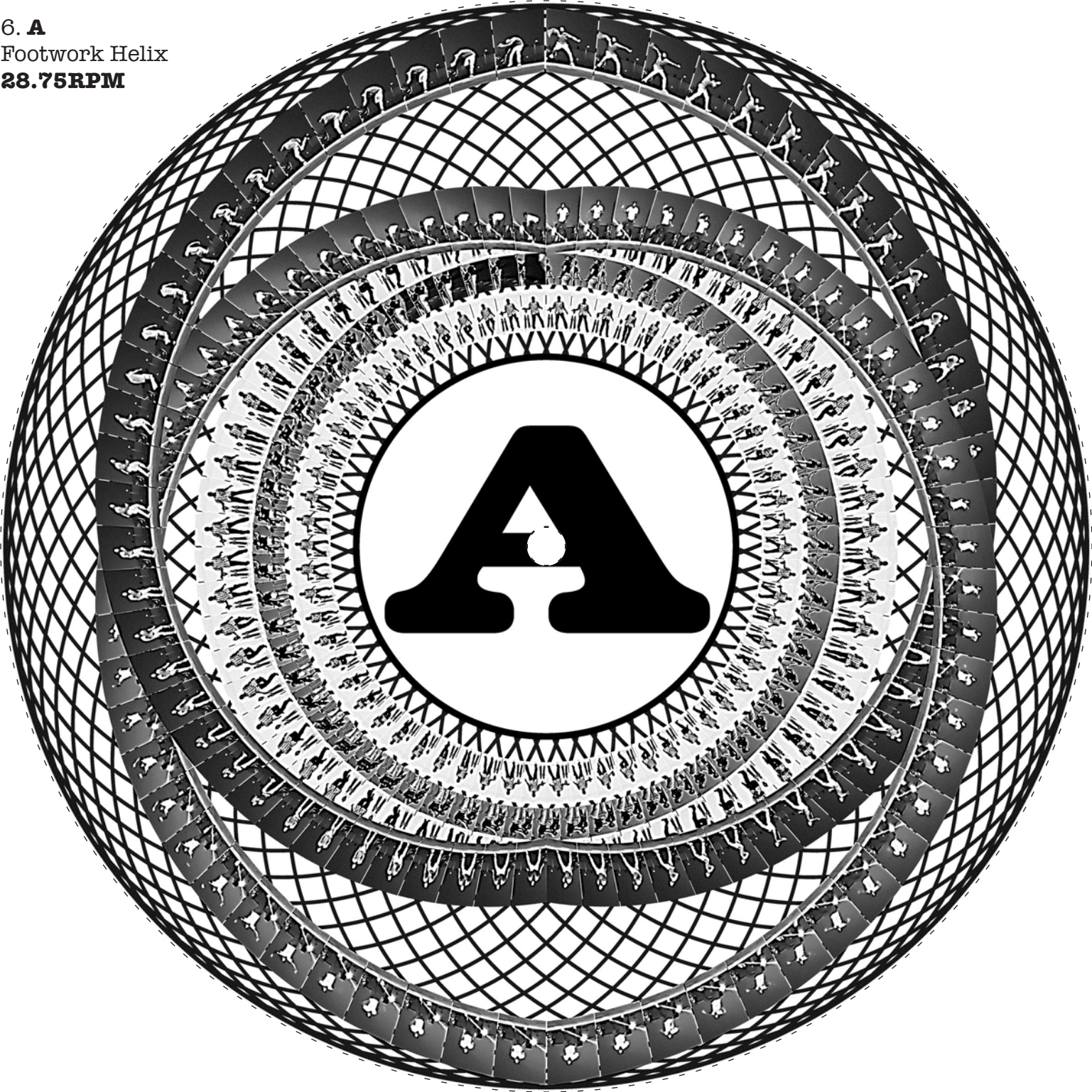


5. I  
Cody's Shining Bass  
57.5RPM





6. **A**  
Footwork Helix  
**28.75RPM**

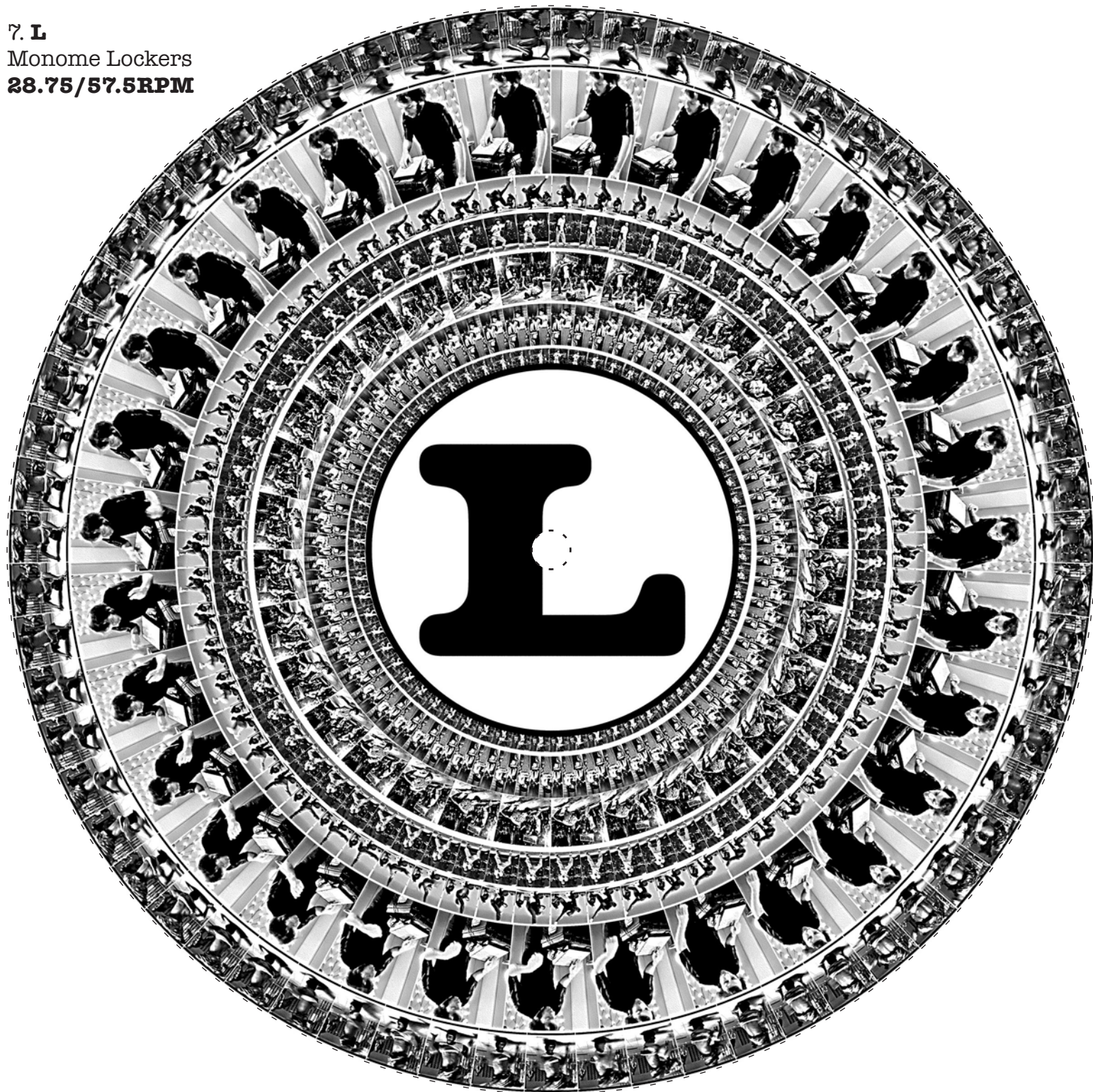




7. **L**

Monome Lockers

**28.75/57.5RPM**

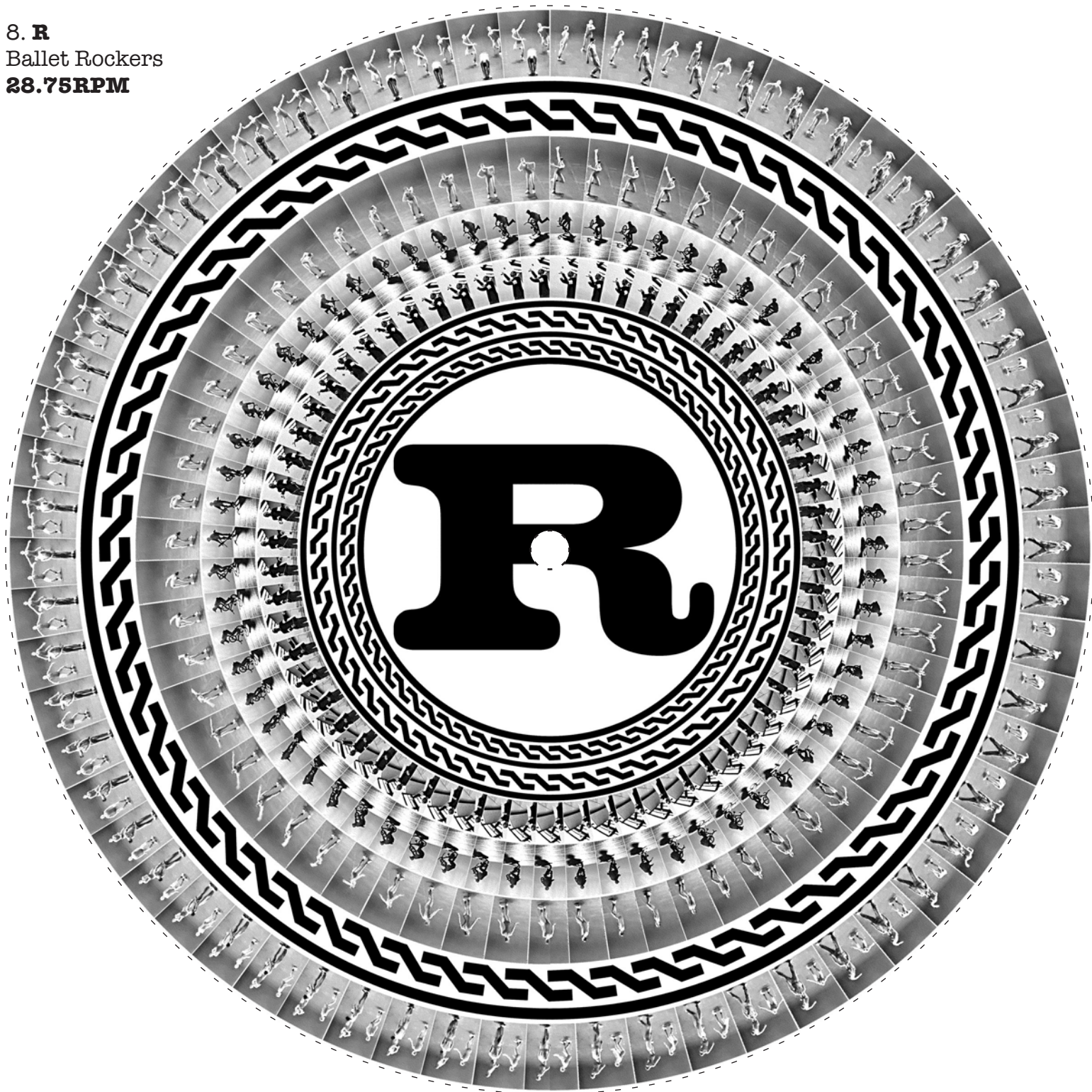




8. **R**

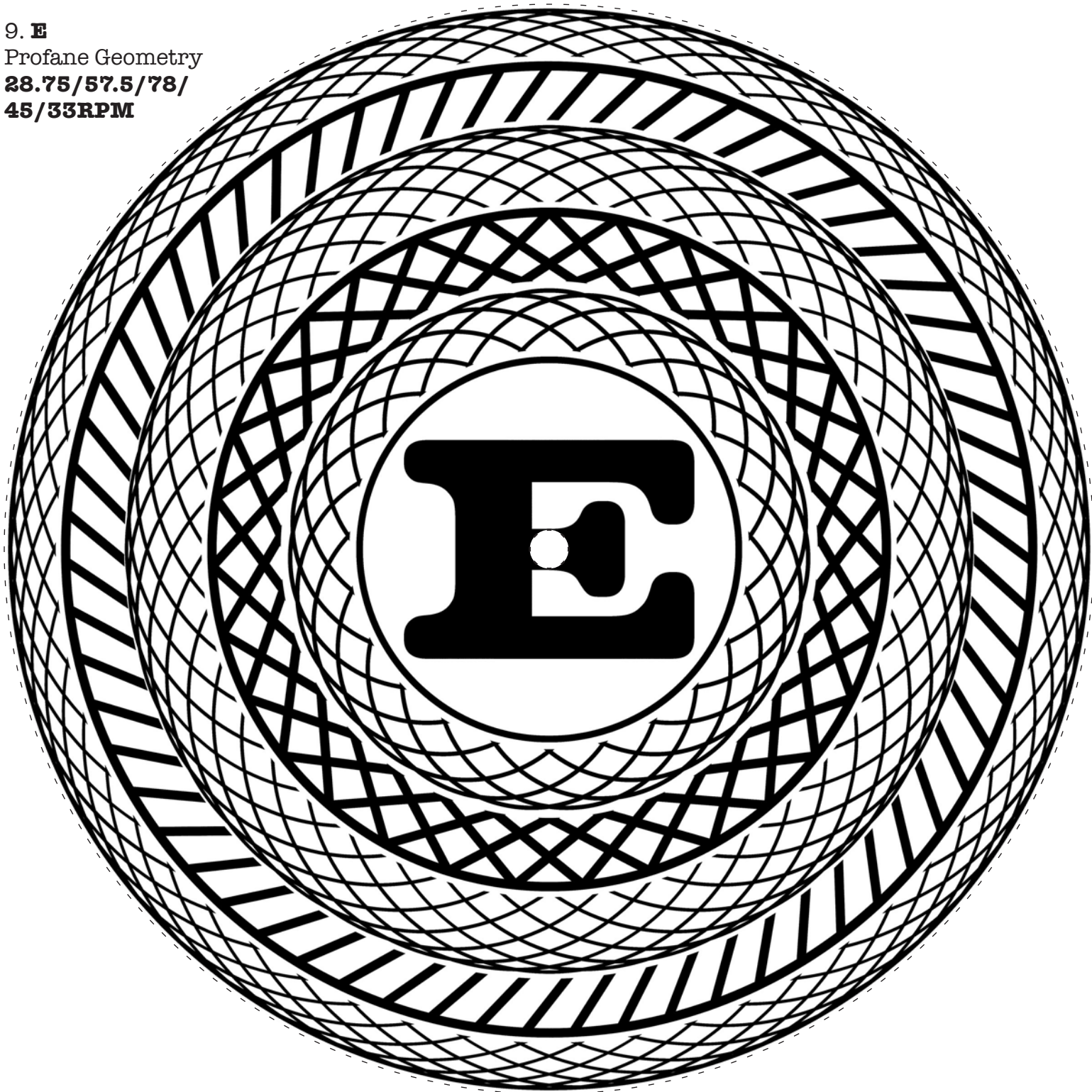
Ballet Rockers

**28.75RPM**



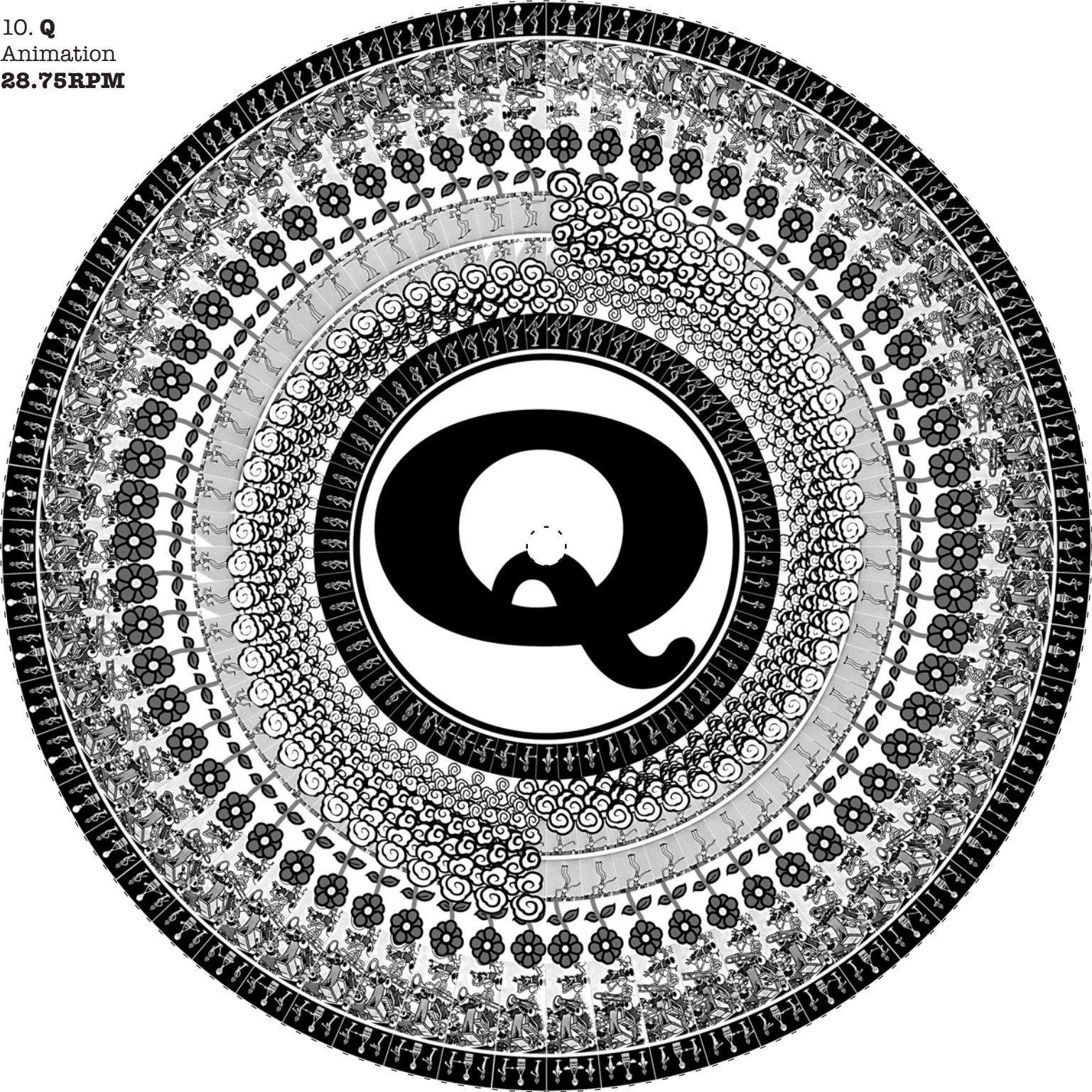


9. **E**  
Profane Geometry  
**28.75/57.5/78/  
45/33RPM**



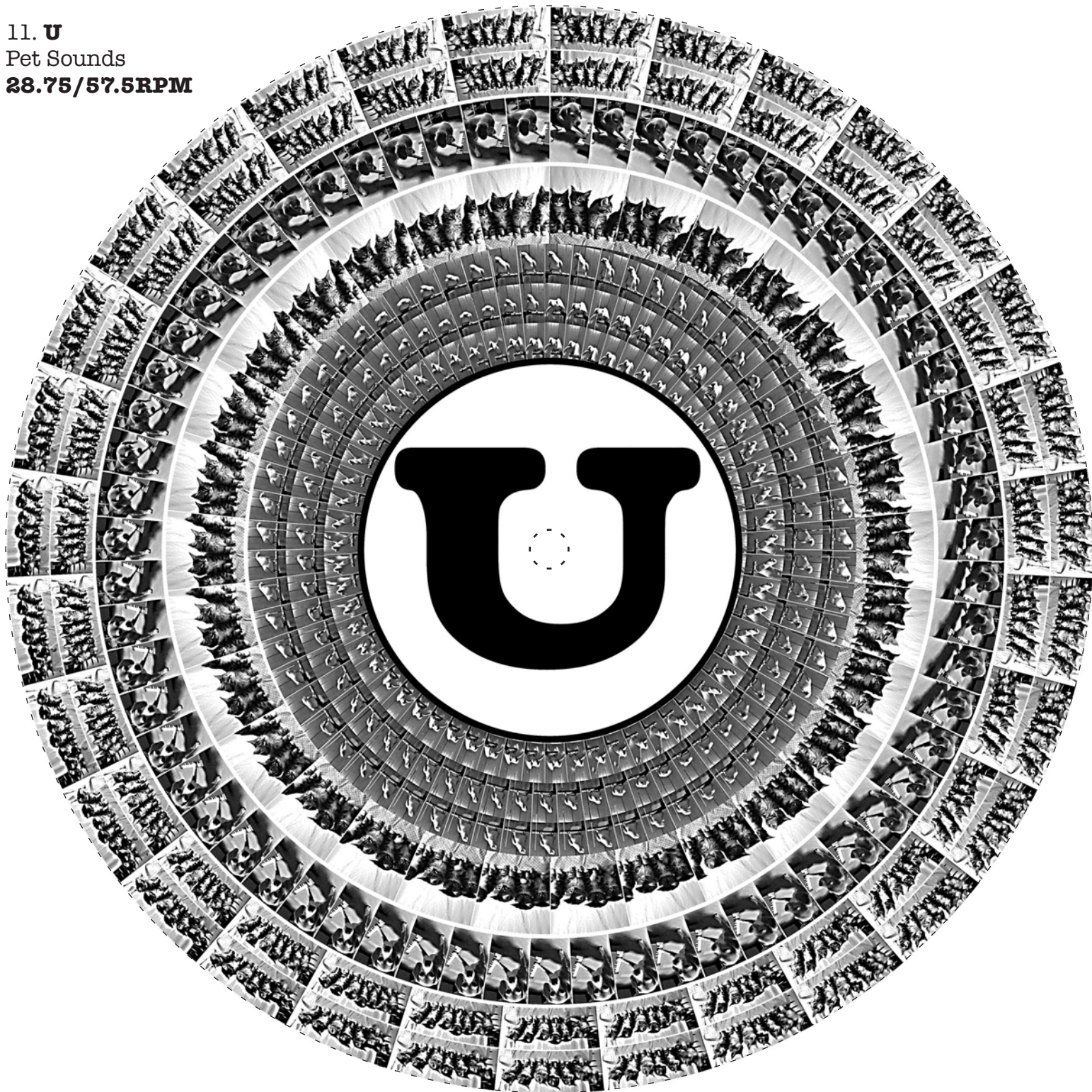


10. **Q**  
Animation  
**28.75RPM**



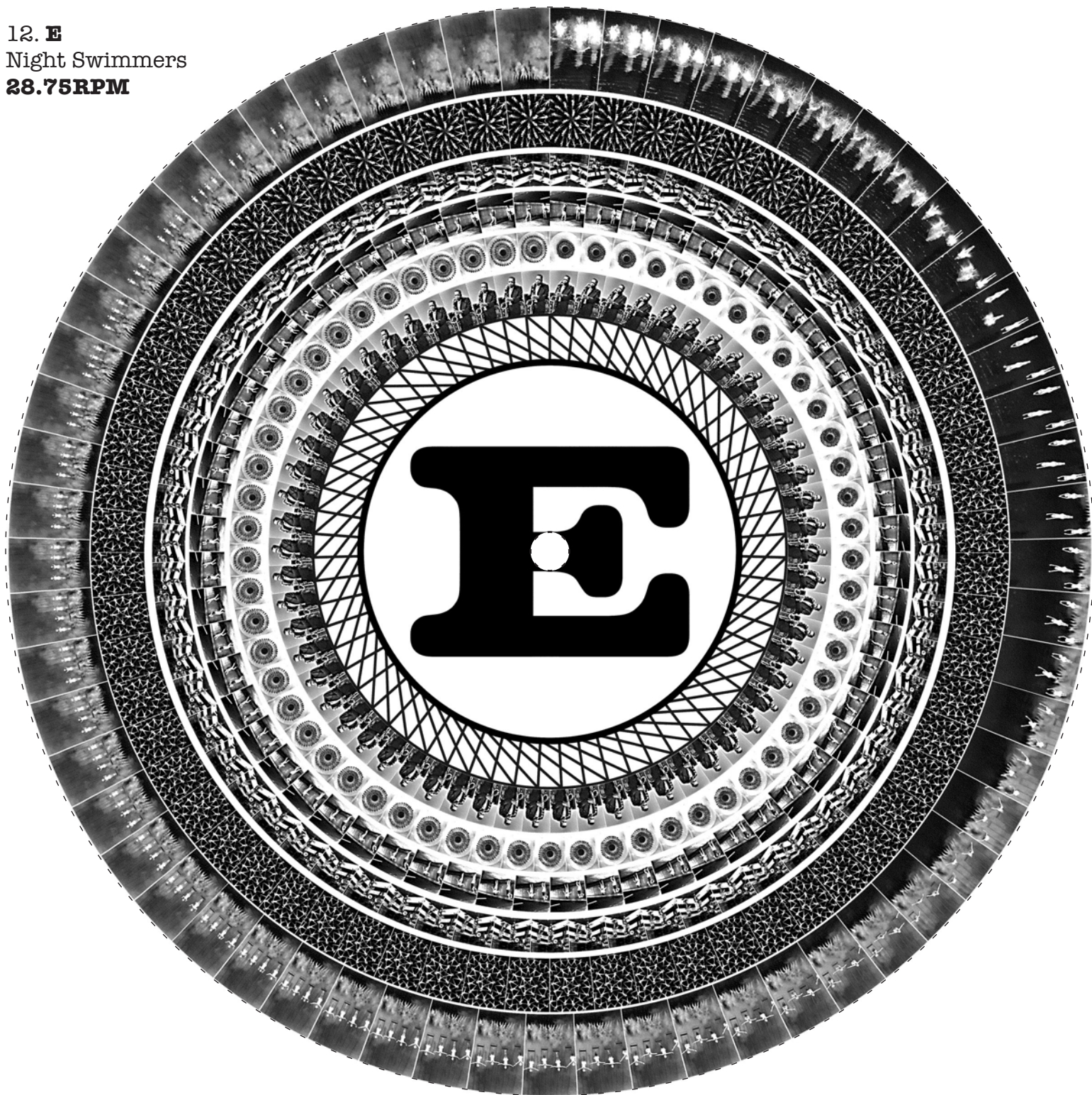


11. **U**  
Pet Sounds  
**28.75/57.5RPM**



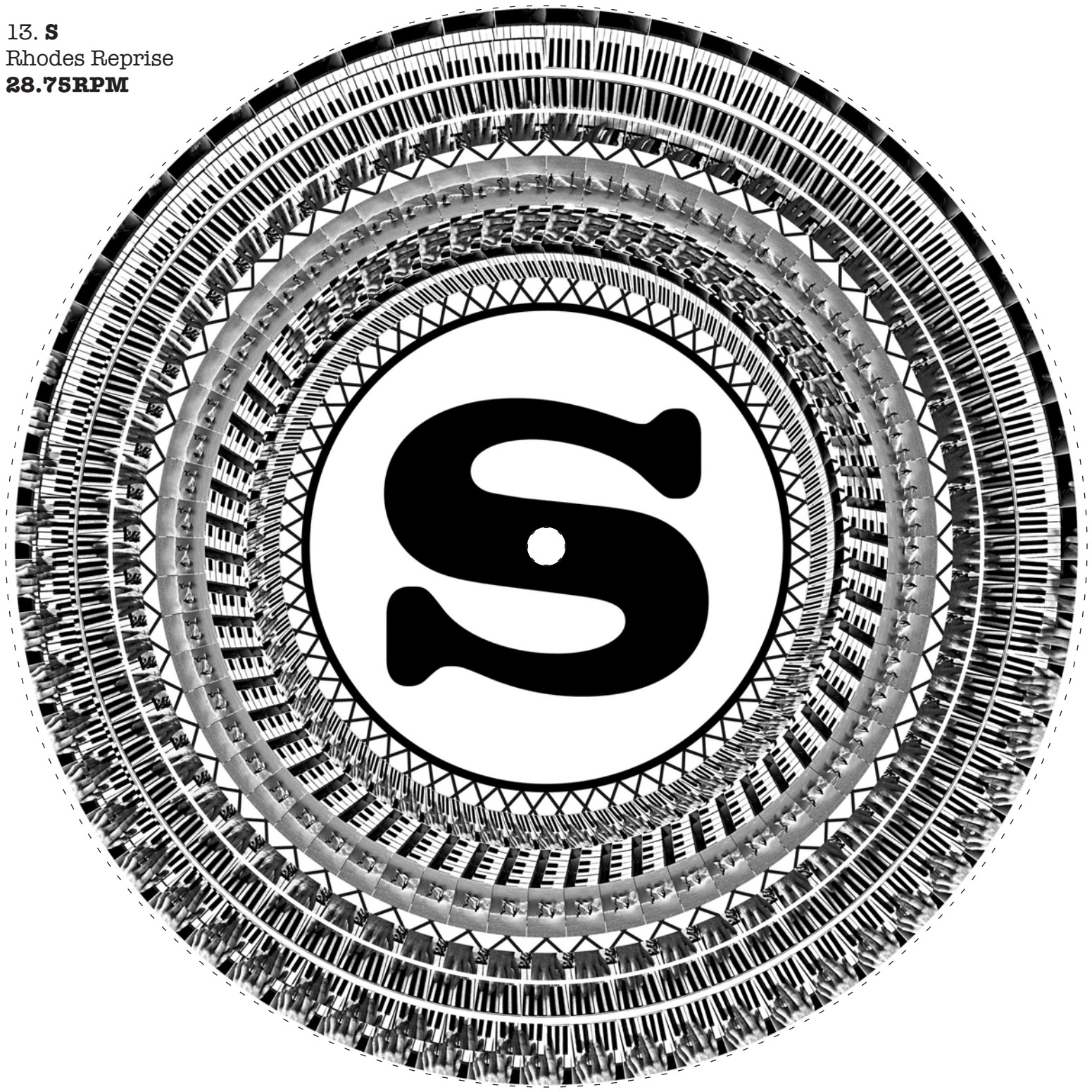


12. **E**  
Night Swimmers  
**28.75RPM**



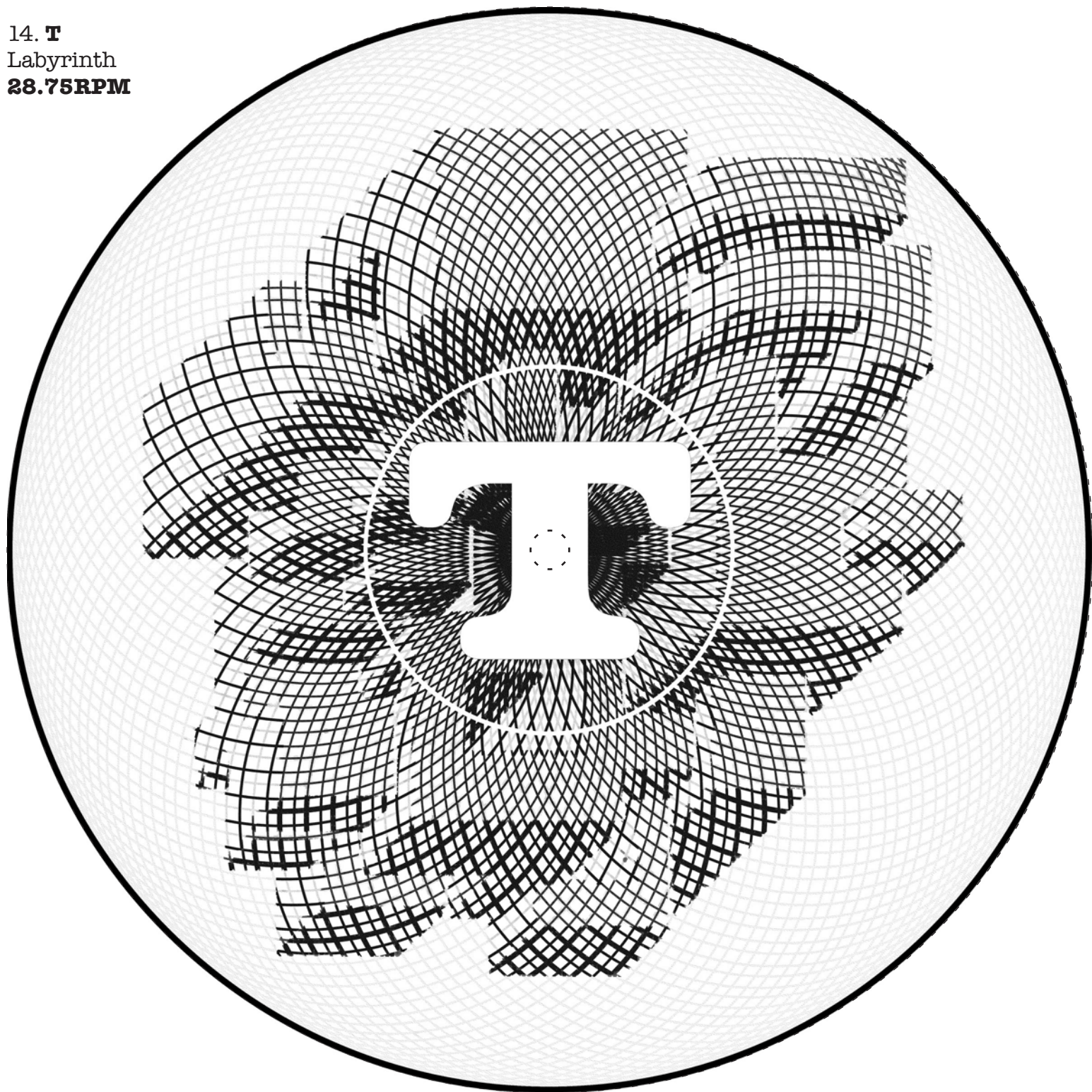


13. **S**  
Rhodes Reprise  
**28.75RPM**





14. **T**  
Labyrinth  
**28.75RPM**





## **SPECIAL RE:QUEST**

A suite of 14 Animated Records for the song  
“Special Re:Quest” by Daedelus, from the album  
**Labyrinths**.

Out now on Magical Properties:  
[daedelus.lnk.to/labyrinths/](http://daedelus.lnk.to/labyrinths/)

## **PERSONNEL**

Art Direction by Alfred Darlington & Drew Tetz.  
Phenakistoscope Design & Layout by Drew Tetz.  
Video by Dawid Krępski.  
Laser Engraving by 44RPM.

## **SPECIAL EF:FECTS**

No CGI was used in the production of the video; the  
turntable-powered animations are all on real laser  
cut & engraved wooden discs.

A Vestax PDX3000 mkII was used to achieve  
changing animations through midi control. This  
was essential for quick & precise RPM shifts while  
matching the BPM of the song.

(...but you can recreate the effect at home with the  
speed/pitch slider on your turntable!)

## **FURTHER READING**

Want to learn more about the process, or design  
a phenakistoscope of your own? Check out this  
tutorial for Make: magazine for more information:  
[bit.ly/animatedrecord](http://bit.ly/animatedrecord)

## **THANKS**

Melissa Huang, Cody Farwell, Dawid Krępski,  
Wylie Cable, Kenny Segal, D-Styles, Anna Latzer,  
Abe Ziaimehr, Paul Escolar, Takeshi Kamisato,  
Hank Freeman, Markmont, all family & friends.

Thanks also to all predecessors & contemporaries  
innovating analog animations; Sculpture, Joseph  
Plateau, DJ Food, Richard Balzer, Marta Verde,  
Melike Kocak... & to all who print these out & keep  
the curious spirit of DIY alive.

## **LINKS**

[daedelusmusic.com/](http://daedelusmusic.com/)  
[drewtetz.com/](http://drewtetz.com/)  
[44rpmtoys.com/](http://44rpmtoys.com/)  
[dawid-krepski.squarespace.com/](http://dawid-krepski.squarespace.com/)  
[domeofdoom.org/](http://domeofdoom.org/)  
[magicalproperties.bandcamp.com/](http://magicalproperties.bandcamp.com/)  
[bit.ly/animatedrecord](http://bit.ly/animatedrecord)

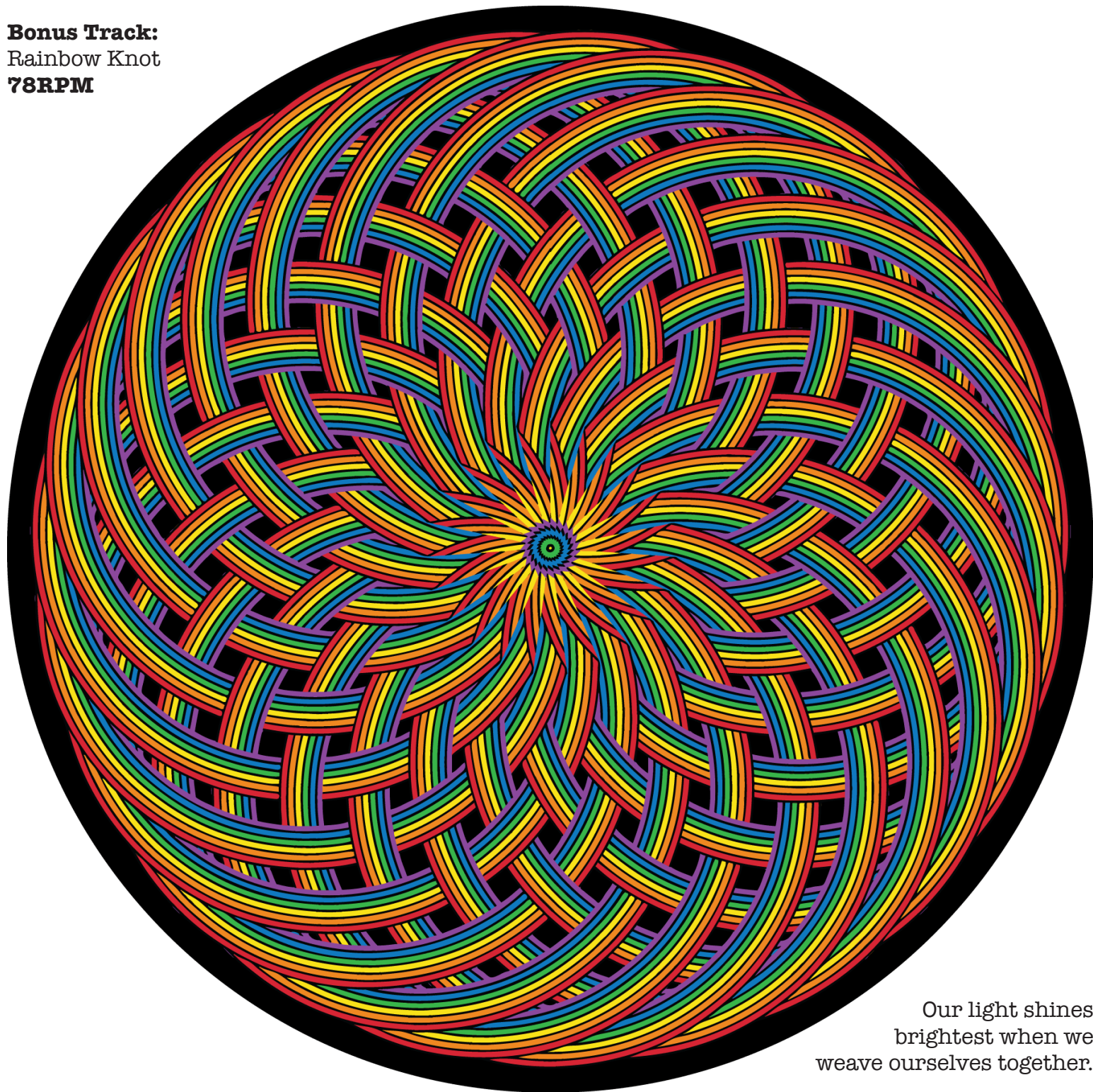
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commercial purposes, please!



**Bonus Track:**  
Rainbow Knot  
**78RPM**



Our light shines  
brightest when we  
weave ourselves together.