

COMPATIBILITY GUIDE **ortofon**



stereo
models

Moving Magnet Models

Good

Better

Best



Omega

OM-5s

OM-5e

Super OM-5e

2M Red

2M Blue

2M Bronze

2M Black

2M Black LVB

Elliptical Stylus

Spherical Stylus

Elliptical Stylus

Elliptical Stylus

Elliptical Stylus

Nude Elliptical

Nude Fine Line

Nude Shibata

Nude Shibata

5g

5g

5g

5g

7.2g

7.2g

7.2g

7.2g

7.2g

\$36.99 (USD)

\$49.99

\$69.99

\$79.99

\$99.00

\$239.00

\$419.00

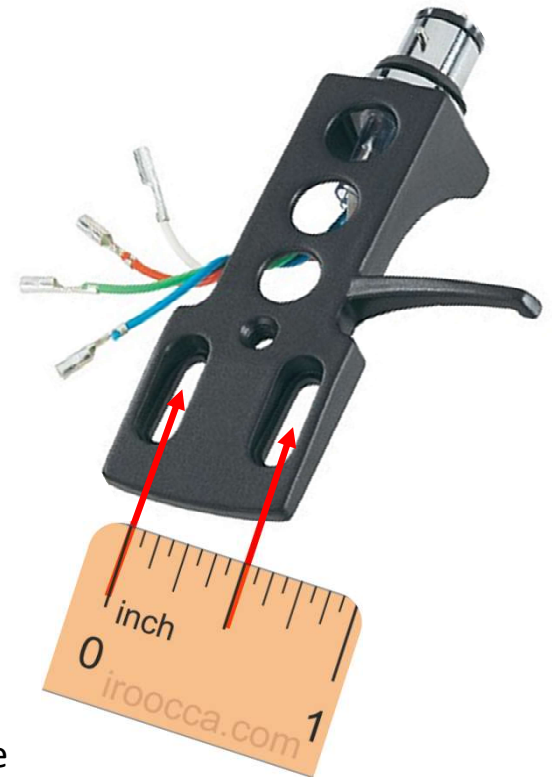
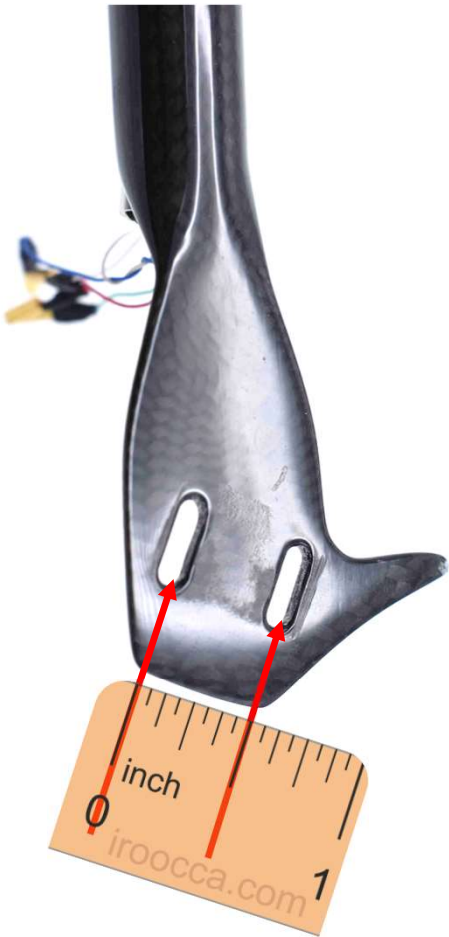
\$695.00

\$999.00

OM Series / Budget Cartridges

2M Series Models

What is “Half-Inch” Mount?



Most HiFi listening cartridges are half-inch type
It is considered universal across almost all turntables

Understanding OM/2M/Verso mounting



OM Series and Omega	2M Series (Standard)	2M Series Verso
Holes are not threaded	Threaded screw holes	Screws are already installed
Supplied with nuts and bolts	Supplied with 2 screw lengths	Supplied with 2 screw diameters
Mounts from top or bottom	Mounts from top only	Mounts from bottom only
Fits most standard turntables	Easier to install, fits most turntables	For <i>vintage</i> (before 1980s) Thorens

Popular examples of current turntables



Pro-Ject



Music Hall



Thorens



Technics

Popular examples of current turntables



U-Turn



Teac



Audio Technica



Denon

Firstly: Is the turntable modern or vintage?

MODERN



Nearly every modern turntable (*excluding inexpensive novelty record players*) have the ability to use an Ortofon cartridge

Vintage



Most vintage turntables will accept an Ortofon cartridge, but sometimes it may require a closer look

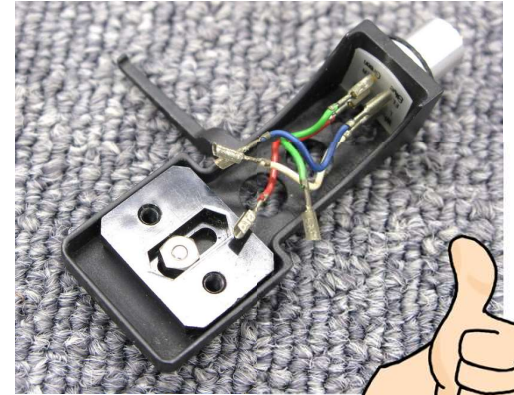
Rule #1 – If 2 screws pass through, then it will accept 2M and most Ortofon cartridges



Vintage Are the Screws Hidden?

Vintage Technics Headshells

- ✓ Cartridge Sled Comes Out
- ✓ Screws Pass All The Way Through
- ✓ Accepts Most Standard Cartridges



Vintage Dual Headshells

- ✓ Cartridge Sled Comes Out
- ✓ Screws Pass All The Way Through
- ✓ Accepts Most Standard Cartridges

Vintage Rule #2 – Screws from the bottom that don't pass through, we have models for that too.



TD-160, released in 1972



2M Series "VERSO"
For Vintage Thorens Only



OM Series or Omega

THORENS®

Vintage Rule #2.5 – if it's not a Thorens, and the screws go in from the bottom, then *don't* use 2M



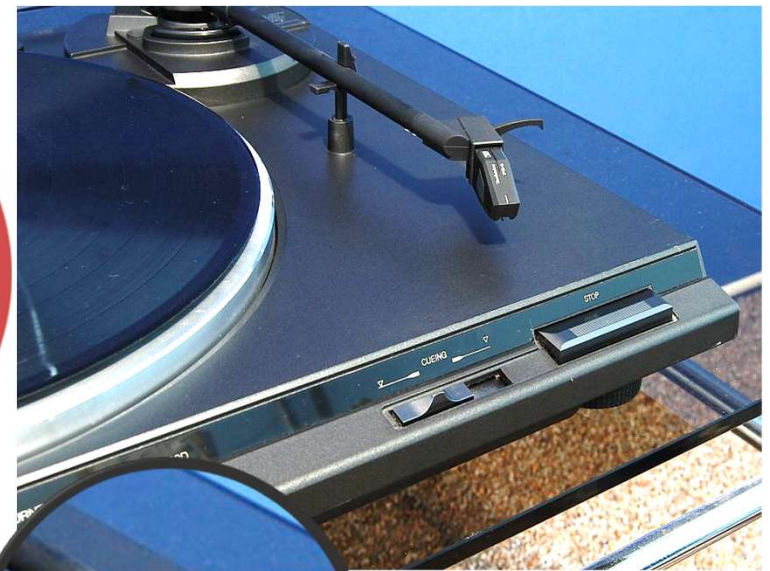
OM Series or Omega

Not
sure?



If it uses 2 screws, then it can
always use an OM or Omega!

Rule #3 – If it doesn't have 2 screws, then it won't take a standard cartridge



- Crossley Turntables
- Sub-\$100 turntables
- Proprietary cartridge
- Usually glued in
- Buy a new turntable



- P-Mount Turntables
- 1980s Technics/Sony
- Ortofon no longer makes P-Mounts

Non-Replaceable Cartridges



Crossley Turntables
(Most Models)



Audio Technica
AT-LP60







Sony PSLX300USB



Denon DP-29F



Novelty Record Players

-  No screws passing through headshell
-  Typically very cheap, sub-\$100 models
-  Cartridge is glued in, not replaceable
-  Limited expectation of sound quality
Best to replace the turntable first

Vintage Other Non-Replaceable Cartridges



1960s/1970s "Record Players"



Proprietary cartridges/Flip-over styli



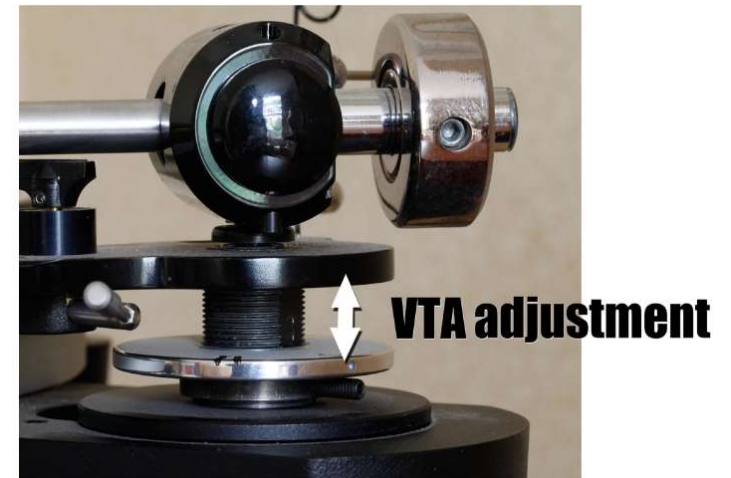
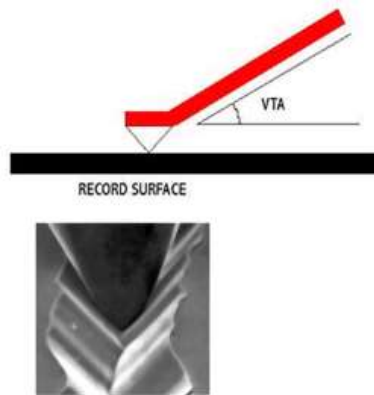
No standard screw pattern



No adjustable counterweight

Rule #4 – When to choose a fancier MM cartridge (like a 2M Bronze, Black, or Black LVB)

stylus rake angle



- Turntable in use has VTA (tonearm height) adjustment
- Turntable value is proportionate to cost of cartridge
- Customer's collection quality benefits from a more performant cartridge

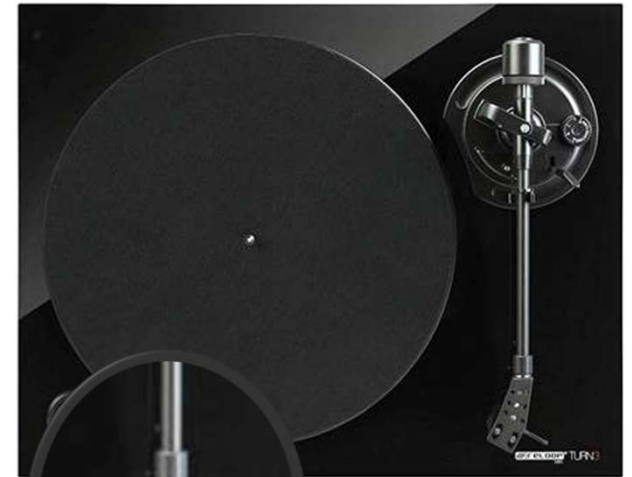
Common Compatible Tonearm Types



Curved Arm w/
Removable Headshell



Straight Arm w/
Curved, Fixed
Headshell



Straight Arm w/
Curved, Removable
Headshell



- Two screws ½" inch apart
- Screws pass through
- Arm or headshell is curved

Other S-Shaped Tonearms



Music Hall MMF-1.5



Teac TN-400S



Fluance RT Series



Audio Technica AT-LP5

Other S-Shaped Tonearms



Audio Technica AT-LP120, AT-LP140, AT-LP1240



Reloop Turn5 and RP Series Turntables



Pioneer PLX-500 and PLX-1000



Music Hall USB-1

S-Shaped Tonearms – Easy to Choose



Premounted Models:
2M Premounted on SH-4

ALSO



SH-4 Headshell



2M Series Cartridge



OM Series or Omega

Premounted Options - Differences

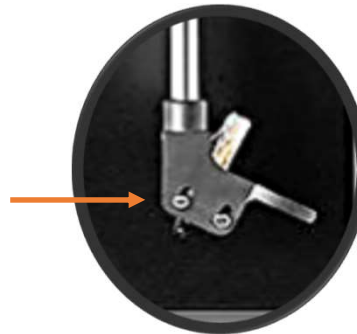


2M PNP MK2 <i>no longer available</i>	2M Premounted on SH-4 <i>coming soon</i>
Standard SME style headshell (H4 Socket)	Standard SME style headshell (H4 Socket)
20g total weight (cartridge+shell)	17g total weight (cartridge+shell)
Fixed alignment, not adjustable	Fully adjustable alignment
Cartridge should not be removed	Cartridge can be removed / changed

DJ Straight Arms vs HiFi types



- Arm has no curvature
- Arm is too short (overhang)
- Cartridge slots are straight
- Use only a Spherical stylus
- Only use OM-5s for listening



- HiFi type arm w/offset angle
- Arm is much longer
- Mounting slots or arm angled
- Most models are compatible
- 2M and OM series are great

Common Compatible Headshells



▲ Standard, universal straight headshell



▲ Angled headshell (non-standard)



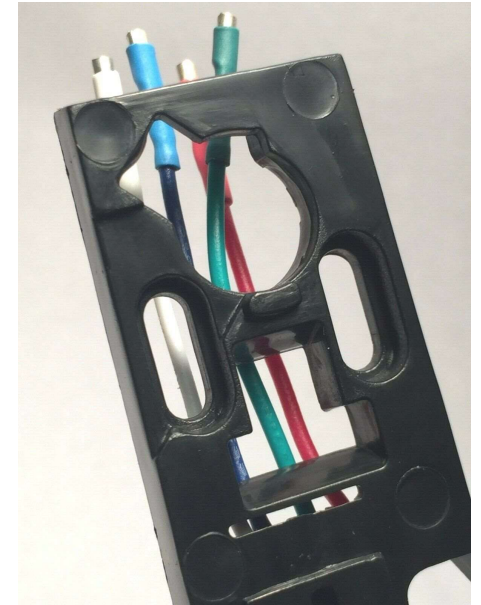
- ✓ Straight, universal headshell
- ✓ Mounting holes pass through
- ✓ Compatible with any ½" mount





DUAL turntables that natively support ½" mount

- ✓ Cartridge "sled" comes out of the tonearm to allow ½" mounting
- ✓ Compatible with most ½" mount cartridges



Cartridge Sled for DUAL





Vintage DUAL turntables, when the arm has a single screw on top, will require a ½" mount adapter (sold aftermarket)



DUAL TKS models – not available





- ✓ Straight, angled headshell
- ✓ Mounting holes pass through
- ✓ Compatible with any ½" mount





- ✓ Straight, universal headshell
- ✓ Mounting holes pass through
- ✓ Compatible with most ½" mount





- ✓ Straight, Thorens style headshell
- ✓ Mounting holes do not pass through
- ✓ Compatible with cartridges where the Screws pass through the body (OM), or 2M Verso series
- × Incompatible with regular 2M models
- × Incompatible with standard headshells

Vintage **THORENS**®



Budget turntable sold as Sony, Denon, AT

Proprietary mounting – cartridge is glued in

No upgrade path – buy a new turntable



Incompatible with any other
standard cartridge
Incompatible with standard
headshells

ortofon



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