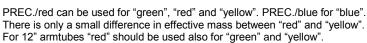
## Cartridge/Armtube Combination List





Manufacturer Model Weight (g) Recommended armtube 8.3 Acoustic Signature Challenger green (red) 8.8 green-red Air Tight PC-1 12.0 red/green PC-3 green (red) 13.5 red or vellow Allerts 10.0 blue-PREC/blue Audio Note Soara 11.0 Ю 11.0 PREC./red-red IO II 18.0 green Audio Technika AT-F5/OCC blue-PREC/blue 5.0 AT-OC5 8.0 red AT-OC7/OC9 7.8 yellow-red AT-33 PTG/II blue blue-PREC/blue AT-95E 5.7 AT-ART 1 8.5 red ART 1 9.5 red Audioquest MC-5 6.0 yellow-red Bang & Olufsen MMC 1 1.6 green Benz-Empire MC-1000 7.5 yellow-red-PREC/red Benz-Micro 10.7 **Ebony** red yellow-red-PREC/red MC-2/3 7.5 Reference 8.6 green-red-PREC/red H 2.0 8.6 green-red-PREC/red Glider 5.6 vellow-red-PREC/red MC-Gold/Silver 5.7 vellow-red PREC. Red/green Ruby 8.2 Ruby 2 9.6 red or green 14.0 green (red) Ruby 3 LP 10.7 green (red) LP-S 16.4 green (red) L2, M2, H2, Ref2 9.0 green/red Ace 8.8 red/green ACEL 8.8 red Cardas Myrtle Heart 9.1 red Myrtle Silver Heart 9.5 red Cartridge Music Maker III 6.2 red Clearaudio Gamma S / Insider 10.0 Precision/red Accurate green Concerto 4.0 yellow/blue PREC/red DaVinci 7.0 Goldfinger Statement 17.0 green/red Sigma 4.5 blue Signature 12.0 green Stradivari 4.4 yellow-red Insider 12.0 green Victory 8.0 red/green Crown Jewel Special Edition vellow-red 8.0 Super Gold Decca 6.7 PREC/blue Jubilee 10.0 green/red London Jubilee 6.7 blue-PREC/blue Denon DL-1000 A 6.0 green DL-103 D 7.5 yellow-red DL-110 4.8 yellow-red DL-304 7.0 green (red) DL-S1 7.0 green-red Dynavector 17 D2 Mk II 5.3 red-PREC/red

	23RS Mk II	5.3	yellow-PREC/red
	XX-1+ XX-1L	12.0	PREC/red
	XX-2 Mk II	8.9	red-green
	DRT XV-15	12.6	green (red)
	DV-20X H/L	8.6	red
	DV-10X5	6.6	yellow-red
	TE/KAITORA	9.8	green (red)
EMT	HSD 6	12.0	green-PREC/red
	JSD 5	11.0	blue
Faraire	JSD 6	11.0	blue
Empire	MC-1000	7.5	yellow-red-PREC/red
Garrot	MC-Silver P-77	5.7 5.8	yellow-red red
Glanz	10 LX	4.8	blue-PREC/blue
Goldring	Eroica	5.5	blue-PREC/blue
Column	Electro 2	9.0	red
	MM 042	6.3	green (red)
Grado	All SIGNATURE models	5.0	red-green
0.440	Ref.	6.0	green (red)
	Reference Master	6.5	green (red)
Grado	Statement Sonato	6.5	green-red
v.d.Hul	Frog	8.2	green (red)
	Grashopper	12.2	PREC/red
	Grashopper IV GLA	8.6	green/red
	Grashopper V	8.6	green/red
	MC 10	7.5	yellow-PREC/red
	MC 1 B		blue-PREC/blue
	MM-1/2	6.5	green (red)
	Colibrie	6.0	green-red
	Colibrie XCP		green (red)
	Myabi	12.3	green (red)
	Black Beauty SPX	8.5	green (red)
	Duralahart	<b>-</b> -	hive DDEC/hive
Kiseki	Fulblenan	7.5	Diue-PREC/Diue
Kiseki	Purplehart Purplehart Sapphire	7.5 7.5	blue-PREC/blue blue-PREC/blue/vellow
Kiseki	Purplehart Sapphire	7.5	blue-PREC/blue/yellow
Kiseki			
Kiseki Koetsu	Purplehart Sapphire Blue Gold Spot	7.5 11.4	blue-PREC/blue/yellow yellow
	Purplehart Sapphire Blue Gold Spot Miltek Aurora	7.5 11.4 9.6	blue-PREC/blue/yellow yellow blue-PREC/blue
	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK	7.5 11.4 9.6 9.5	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue
	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B	7.5 11.4 9.6 9.5 9.0	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue
	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi	7.5 11.4 9.6 9.5 9.0 11.5	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red
	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue
	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red
Koetsu	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red
Koetsu	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis Dorian	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0 6.4	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red yellow-red
Koetsu	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis Dorian Kleos	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0 6.4 8.8	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red yellow-red red
Koetsu	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis Dorian Kleos Lydian Beta Blue	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0 6.4 8.8 8.0	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red yellow-red red yellow/PREC/blue
Koetsu Lyra	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis Dorian Kleos Lydian Beta Blue Helicon	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0 6.4 8.8	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red yellow-red red yellow/PREC/blue green
Koetsu Lyra Linn	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis Dorian Kleos Lydian Beta Blue Helicon K 9	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0 6.4 8.8 8.0 8.0	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red yellow-red red yellow-red red yellow-PREC/blue green yellow-PREC/blue
Koetsu Lyra	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis Dorian Kleos Lydian Beta Blue Helicon K 9 Carnegie One	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0 6.4 8.8 8.0 8.0	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red yellow-red red yellow-PREC/blue green yellow-PREC/blue yellow-red
Koetsu Lyra Linn Madrigal	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis Dorian Kleos Lydian Beta Blue Helicon K 9 Carnegie One Carnegie Two	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0 6.4 8.8 8.0 8.0 6.5 9.0	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red yellow-red red yellow-PREC/blue green yellow-PREC/blue yellow-red yellow-red
Koetsu Lyra Linn	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis Dorian Kleos Lydian Beta Blue Helicon K 9 Carnegie One Carnegie Two Shilabe	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0 6.4 8.8 8.0 8.0 6.5 9.0 10.4	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red yellow-red red yellow-PREC/blue green yellow-PREC/blue yellow-PREC/blue
Koetsu  Lyra  Linn Madrigal  Miyajima	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis Dorian Kleos Lydian Beta Blue Helicon K 9 Carnegie One Carnegie Two Shilabe Waza	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0 6.4 8.8 8.0 8.0 6.5 9.0 10.4 9.0	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red yellow-red red yellow-PREC/blue green yellow-PREC/blue green yellow-PREC/blue yellow-red PREC/red PREC/red PREC/blue
Koetsu Lyra Linn Madrigal	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis Dorian Kleos Lydian Beta Blue Helicon K 9 Carnegie One Carnegie Two Shilabe Waza Alpha 1	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0 6.4 8.8 8.0 8.0 8.0 6.5 9.0 10.4 9.0 6.5	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red yellow-red red yellow/PREC/blue green yellow-PREC/blue green yellow-PREC/blue yellow-red PREC/red PREC/red PREC/blue yellow-red
Koetsu  Lyra  Linn Madrigal  Miyajima	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis Dorian Kleos Lydian Beta Blue Helicon K 9 Carnegie One Carnegie Two Shilabe Waza Alpha 1 Alpha 2	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0 6.4 8.8 8.0 8.0 6.5 9.0 10.4 9.0	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red yellow-red red yellow/PREC/blue green yellow-PREC/blue green yellow-red prec/ped yellow-red yellow-red yellow-red yellow-red yellow-red yellow-red yellow-red prec/blue yellow-red prec/ped prec/blue
Koetsu  Lyra  Linn Madrigal  Miyajima	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis Dorian Kleos Lydian Beta Blue Helicon K 9 Carnegie One Carnegie Two Shilabe Waza Alpha 1 Alpha 2 Alpha Genesis 1000	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0 6.4 8.8 8.0 8.0 6.5 9.0 10.4 9.0 6.5 6.8	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red yellow-red red yellow-PREC/blue green yellow-PREC/blue green yellow-PREC/blue yellow-red prec/ped PREC/red PREC/blue yellow-red prec/ped
Koetsu  Lyra  Linn Madrigal  Miyajima  Monster	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis Dorian Kleos Lydian Beta Blue Helicon K 9 Carnegie One Carnegie Two Shilabe Waza Alpha 1 Alpha 2	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0 6.4 8.8 8.0 8.0 8.0 6.5 9.0 10.4 9.0 6.5	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red yellow-red red yellow-PREC/blue green yellow-PREC/blue yellow-red precd precompeted preco
Koetsu  Lyra  Linn Madrigal  Miyajima	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis Dorian Kleos Lydian Beta Blue Helicon K 9 Carnegie One Carnegie Two Shilabe Waza Alpha 1 Alpha 2 Alpha Genesis 1000 Alpha Signance 2000	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0 6.4 8.8 8.0 8.0 6.5 9.0 10.4 9.0 6.5 6.8	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red yellow-red red yellow-PREC/blue green yellow-PREC/blue yellow-red yellow-red yellow-red yellow-red yellow-red yellow-red preC/blue yellow-red preC/blue yellow-red yellow-red yellow-red yellow-red yellow-red yellow-red yellow-red yellow-red
Koetsu  Lyra  Linn Madrigal  Miyajima  Monster  My Sonic Lab	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis Dorian Kleos Lydian Beta Blue Helicon K 9 Carnegie One Carnegie Two Shilabe Waza Alpha 1 Alpha 2 Alpha Genesis 1000 Alpha Signance 2000 Eminent	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0 6.4 8.8 8.0 8.0 6.5 9.0 10.4 9.0 6.5 6.8 4.2 9.0	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red yellow-red red yellow-PREC/blue green yellow-PREC/blue yellow-red precd precompeted preco
Koetsu  Lyra  Linn Madrigal  Miyajima  Monster  My Sonic Lab Mørch	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis Dorian Kleos Lydian Beta Blue Helicon K 9 Carnegie One Carnegie Two Shilabe Waza Alpha 1 Alpha 2 Alpha Genesis 1000 Alpha Signance 2000 Eminent DACAPO	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0 6.4 8.8 8.0 8.0 6.5 9.0 10.4 9.0 6.5 6.8 4.2 9.0 6.8	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red yellow-red red yellow-PREC/blue green yellow-PREC/blue yellow-red yellow-red yellow-red yellow-red yellow-red yellow-red pREC/red PREC/blue yellow-red yellow-red red yellow-red yellow-red yellow-red yellow-red yellow-red yellow-red yellow-red yellow-red yellow-red
Koetsu  Lyra  Linn Madrigal  Miyajima  Monster  My Sonic Lab Mørch	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis Dorian Kleos Lydian Beta Blue Helicon K 9 Carnegie One Carnegie Two Shilabe Waza Alpha 1 Alpha 2 Alpha Genesis 1000 Alpha Signance 2000 Eminent DACAPO Cadenza	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0 6.4 8.8 8.0 8.0 6.5 9.0 10.4 9.0 6.5 6.8 4.2 9.0 6.8 10.7	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red yellow-red red yellow-PREC/blue green yellow-PREC/blue yellow-red yellow-red yellow-red yellow-red yellow-red yellow-red pREC/red PREC/blue yellow-red yellow-red red yellow-red red yellow-red
Koetsu  Lyra  Linn Madrigal  Miyajima  Monster  My Sonic Lab Mørch	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis Dorian Kleos Lydian Beta Blue Helicon K 9 Carnegie One Carnegie Two Shilabe Waza Alpha 1 Alpha 2 Alpha Genesis 1000 Alpha Signance 2000 Eminent DACAPO Cadenza Jubilee MC 1 Turbo MC 15 Super II	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0 6.4 8.8 8.0 8.0 6.5 9.0 10.4 9.0 6.5 6.8 4.2 9.0 6.8 10.7 10.5 4.1 7.0	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red yellow-red red yellow-PREC/blue green yellow-red prec/red yellow-red yellow-red yellow-red yellow-red prec/fred prec/blue yellow-red yellow-red prec/fred prec/blue yellow-red yellow-red red yellow-red red yellow-red yellow-prec/red green/red
Koetsu  Lyra  Linn Madrigal  Miyajima  Monster  My Sonic Lab Mørch	Purplehart Sapphire Blue Gold Spot Miltek Aurora BLACK EMC 1B Urushi Onyx Rosewood Rosewood Signature Argo Clavis Dorian Kleos Lydian Beta Blue Helicon K 9 Carnegie One Carnegie Two Shilabe Waza Alpha 1 Alpha 2 Alpha Genesis 1000 Alpha Signance 2000 Eminent DACAPO Cadenza Jubilee MC 1 Turbo	7.5 11.4 9.6 9.5 9.0 11.5 12.0 9.5 9.0 4.6 11.0 6.4 8.8 8.0 8.0 6.5 9.0 10.4 9.0 6.5 6.8 4.2 9.0 6.8 10.7 10.5 4.1	blue-PREC/blue/yellow yellow blue-PREC/blue PREC/blue-blue PREC/blue-blue red red green-red blue yellow-red red-PREC/red yellow-red red yellow-PREC/blue green yellow-red prec/red yellow-red yellow-red yellow-red yellow-red yellow-red prec/red PREC/blue yellow-red yellow-red yellow-red red yellow-red red yellow-red red yellow-red yellow-prec/red green/red green/red blue

	MC 30 Super II MC 30 Supreme MC 2000 Mk II MC 3000 Mk II MC 7500 MC Windfeld Rohmann Rondo Bronze SPU Royal OM 10-20-30 Kontrapunkt A+B	10.0 10.7 9.5 9.5 11.0 13.0 9.0 10.5 12.8 5.0 10.0	PREC/red-green green-PREC/red PREC/red only PREC/red-green green-PREC/red PREC/red-yellow green (red) blue green red-PREC./red
Phase Tech	P3G	11.5	green (red)
Shelter	501	8.1	red
Sheller	901	9.1	red
Shelter	S 9000	11.0	red
Griener	7000	11.0	red
Shure	M97HE	6.6	.00
Shutter	901	9.1	red
Stanton	881	5.8	green-red
	981	5.5	green (red)
Sumiko	Celebration	7.0	yellow-red
	Black Bird	9.6	red/yellow
	Blue Point	6.0	red
	Evo III	8.3	yellow-red
	Blue Point Special	9.0	red/yellow
	Pearl	6.0	green (red)
Supex	SDX-1000	4.7	blue-PREC/blue
Transfiguration	Axia	7.0	PREC/red-red
	Phoenix	7.8	PREC/red-green
	Orpheus L	9.0	PREC/red-red
Tsurugi		9.0	PREC/red-yellow
Xuzura	KC-REF	9.0	blue
ZYX	RS 10-20-30	4.2	blue
	R 100	4.2	blue
	R 1000 Airy 3	5.0	blue
	R 1000 Sigma S-X	5.0	blue
	Universe	5.0	blue

Also the below formula can be used to find which armtube to use for any cartridge.

$$F_{ress} = \frac{159}{\sqrt{(M_A + M_{car}) \cdot C}} Hz$$

 $F_{res}$  is the fundamental resonance of cartridge compliance and the total mass of cartridge and arm. The best armtube is the one that gives a figure of  $F_{res}$ =11-12 Hz or as close thereto as possible.

 $F_{res}$  can be found by inserting  $M_A$ ,  $M_{car}$  and C into the formula, where  $M_A$  is the mass of the arm,  $M_{car}$  is the mass of the cartridge and C is the compliance of the cartridge in  $\mu m/mN$ . Should the compliance be stated differently, it is always the first factor to be used (ranging from about 5-40).

The masses of the arms are green= 4 g, red= 6 g, yellow= 8 g and blue= 14 g.

Thus if the cartridge has a weight of 7 g ( $M_{car}$ ), and the "red" armtube of 6 g ( $M_A$ ) is used, the total mass of cartridge and arm is 13 g. If above mentioned factor of compliance is 14 (C), then 14 should be multiplied by 13 and the square root extracted. This makes 13.5 which is then divided into 159 and the fundamental resonance ( $F_{res}$ ) will be 11,8 Hz.

Thus in above example the armtube was ideal. But for instance if the above figure (F<sub>res</sub>) was too low the same calculation could be made with the "green" armtube, etc.

There is one snag about it. The manufacturers of cartridges do not always state a useful value for C. (It should be started at 10 Hz). Figures of C coming from Japan usually are measured at 100 Hz, so they should be multiplied by 1.5-2. Figures of C coming from USA often are static values, so they should be halved. Most figures of C coming from Europe are OK (stated at 10 Hz)

Also the tracking force could be used, as this usually is a function of the compliance. For instance with a tracking force of 1.9 g the compliance would be around 14. With a cartridge mass of 6 g the "yellow" armtube would do. With a cartridge weight of 10 g (and the same C) the green armtube should be used.