



SHURE

HIGH TRACKABILITY PHONOGRAPH CARTRIDGES FOR AUTOMATIC AND MANUAL TURNTABLES

222 HARTREY AVE., EVANSTON ILL., 60204 U.S.A. • AREA CODE 312/679-5830 • CABLE: SHUREMICRO

AUTOMATIC AND MANUAL TURNTABLES		RECOMMENDED SHURE HIGH TRACKABILITY PHONOGRAPH CARTRIDGES			
		SUPER TRACK	DELUXE HI TRACK	CUSTOM HI TRACK	EXTRA DURABLE HI TRACK
Manufacturer	Model Number				
ACOUSTIC RESEARCH	XA-TA XA Universal	V-15 Type II	M91ED M75ED Type 2	M91E M75G Type 2	M93E M75-6S
*ELAC MIRACORD	770H, 50H, 750, 630, 620, 660	V-15 Type II	M91ED M75ED Type 2	M91E M75G Type 2	M93E M75-6S
BSR McDONALD	810	V-15 Type II	M91ED M75ED Type 2	M91E M75G Type 2	M93E M75-6S
	610, MP60, 510, 410, 310			M75EJ Type 2 M75B Type 2	M93E M75-6S
BRAUN	PS600	V-15 Type II	M91ED M75ED Type 2	M91E M75G Type 2	M93E M75-6S
*DUAL	1229, 1219, 1209, 1218, 1215	V-15 Type II	M91ED M75ED Type 2	M91E M75G Type 2	M93E M75-6S
FISHER	2040	V-15 Type II	M91ED M75ED Type 2	M91E M75G Type 2	M93E M75-6S
*GARRARD	Zero-100, SL95B, SL75B, SL72B	V-15 Type II	M91ED M75ED Type 2	M91E M75G Type 2	M93E M75-6S
	SL65B, SL55B, 40B			M75EJ Type 2 M75B Type 2	M93E M75-6S
KENWOOD	KP-4021, KP-5021	V-15 Type II	M91ED M75ED Type 2	M91E M75G Type 2	M93E M75-6S
LENCO	L85	V-15 Type II	M91ED M75ED Type 2	M91E M75G Type 2	M93E M75-6S
	L75, B55			M75EJ Type 2 M75B Type 2	M93E M75-6S
LESA	PRF-6, 90A, ATT4, 88A	V-15 Type II	M91ED M75ED Type 2	M91E M75G Type 2	M93E M75-6S
*PERPETUUM- EBNER	PE2040, PE2038, PE2035, PE2010, PE2020	V-15 Type II	M91ED M75ED Type 2	M91E M75G Type 2	M93E M75-6S
PIONEER	PL-A25, PL-41A, PL-310, PL-50	V-15 Type II	M91ED M75ED Type 2	M91E M75G Type 2	M93E M75-6S
RABCO	ST4, AL8E	V-15 Type II	M91ED M75ED Type 2	M91E M75G Type 2	M93E M75-6S
SANSUI	SRT-4050C	V-15 Type II	M91ED M75ED Type 2	M91E M75G Type 2	M93E M75-6S
SHERWOOD	SEL100	V-15 Type II	M91ED M75ED Type 2	M91E M75G Type 2	M93E M75-6S
SONY	PS1800-A, PUA-286, PUA-237	V-15 Type II	M91ED M75ED Type 2	M91E M75G Type 2	M93E M75-6S
THORENS	TD-125AB, TD-150MKII	V-15 Type II	M91ED M75ED Type 2	M91E M75G Type 2	M93E M75-6S
TEAC	TS85, TS81	V-15 Type II	M91ED M75ED Type 2	M91E M75G Type 2	M93E M75-6S
YAMAHA	YP-70	V-15 Type II	M91ED M75ED Type 2	M91E M75G Type 2	M93E M75-6S

*Special Premounted cartridges are available for certain models. See page 3 for details.

All models listed above are also available with spherical instead of biradial tip. See AL210 catalog listings.

NOTE: For good performance and maximum economy, the Shure Models M75CS, M44E, M44-7, M44C or M3D cartridges may be used with any of the turntables shown on the above chart.

SHURE REPLACEMENT STYLUS CHART

(All styli are diamond unless noted otherwise)

Cartridge Model	Direct Replacement Stylus Model*	Upgrade Replacement Stylus Model**	Tracking Force	Stylus Group*	Stylus Radius	Direct Replacement Stylus Grip Color Code	Upgrade Replacement Stylus Grip Color Code	Stylus Function
DM101MG	N91GD		3/4-1 1/2	H	⊙.0006"	Red		Stereo-Mono LP
DM103ME	N91ED		3/4-1 1/2		†.0002" x .0007"	Yellow		Stereo-Mono LP
DU10-M75E Type 2		N75ED Type 2	3/4-1 1/2	E	†.0002" x .0007"		Black	Stereo-Mono LP
M1	N1		1-2	C	⊙.0007"	Orange Dot		Mono LP
M2	N1		1-2		⊙.0007"	Orange Dot		Mono LP
M3D	N3D		3-6	B	⊙.0007"	Ⓐ		Stereo-Mono LP
M3/N21D	N21D		1 1/2-2 1/2		⊙.0007"	Ⓑ		Stereo-Mono LP
M5D	N5D		3-6	C	⊙.001"	Black Dot		Mono LP
M6S	N6S		3-6		.0027" Sapphire	Yellow Dot		78 RPM
M7D	N3D		3-6	B	⊙.0007"	Ⓐ		Stereo-Mono LP
M7DMF	N3D		3-6		⊙.0007"	Ⓐ		Stereo-Mono LP
M7/N21D	N21D		1 1/2-2 1/2		⊙.0007"	Ⓑ		Stereo-Mono LP
M8D	N3D		3-6		⊙.0007"	Ⓐ		Stereo-Mono LP
M21	N21D		1 1/2-2 1/2		⊙.0007"	Ⓑ		Stereo-Mono LP
M22	N22D		3/4-2 1/2		⊙.0005"	Ⓒ		Stereo
M31E	N31E		1-2	G	†.0002" x .0007"	Yellow		Stereo-Mono LP
M32E	N32E		2 1/2-5		†.0004" x .0007"	Brown		Stereo-Mono LP
M32-3	N32-3		2 1/2-5		⊙.0025"	Green		Stereo-Mono LP
M33-5		N99	1 1/2-3	D	⊙.0007"		Gray	Stereo-Mono LP
M44C	N44C		3-5	A	⊙.0007"	Light Blue		Stereo-Mono LP
M44E	N44E		1 3/4-4		†.0004" x .0007"	Brown		Stereo-Mono LP
M44EM	N44E		1 3/4-4		†.0004" x .0007"	Brown		Stereo-Mono LP
M44G	N44G		3/4-1 1/2		⊙.0006"	Gray		Stereo-Mono LP
M44MA	N44-7		1 1/2-3		⊙.0007"	White		Stereo-Mono LP
M44MB	N44-7		1 1/2-3		⊙.0007"	White		Stereo-Mono LP
M44MC	N44C		3-5		⊙.0007"	Light Blue		Stereo-Mono LP
M44MF	N44G		3/4-1 1/2		⊙.0006"	Gray		Stereo-Mono LP
M44MG	N44G		3/4-1 1/2		⊙.0006"	Gray		Stereo-Mono LP
M44-5	—	N44G	3/4-1 1/2		⊙.0006"	—	Gray	Stereo-Mono LP
M44-7	N44-7	—	1 1/2-3	⊙.0007"	White	—	Stereo-Mono LP	
M55E	N55E	—	3/4-2	†.0002" x .0007"	Yellow	—	Stereo-Mono LP	
M55EM	N55E	—	3/4-2	†.0002" x .0007"	Yellow	—	Stereo-Mono LP	
M71C	—	N75C	3-5	E	⊙.0006"	—	Blue	Stereo-Mono LP
M71EB	—	N75EJ Type 2	1 1/2-3		†.0004" x .0007"	—	Light Green	Stereo-Mono LP
M71EMB	—	N75EJ Type 2	1 1/2-3		†.0004" x .0007"	—	Light Green	Stereo-Mono LP
M71MB	N75-6	N75B Type 2	1 1/2-3		⊙.0006"	Beige	Beige	Stereo-Mono LP
M71MC	N75C	—	3-5		⊙.0006"	Blue	—	Stereo-Mono LP
M71-6	N75-6	N75B Type 2	1 1/2-3		⊙.0006"	Beige	Beige	Stereo-Mono LP
M73G	—	N75G Type 2	3/4-1 1/2		⊙.0006"	—	Dark Gray	Stereo-Mono LP
M73MG	—	N75G Type 2	3/4-1 1/2		⊙.0006"	—	Dark Gray	Stereo-Mono LP
M73SG	—	N75G Type 2	3/4-1 1/2		⊙.0006"	—	Dark Gray	Stereo-Mono LP
M75B Type 2	N75B Type 2	—	1 1/2-3		⊙.0006"	Beige	—	Stereo-Mono LP
M75CS	N75C	—	3-5	⊙.0006"	Blue	—	Stereo-Mono LP	
M75E	—	N75ED Type 2	3/4-1 1/2	E	†.0002" x .0007"	—	Black	Stereo-Mono LP
M75E Type 2	—	N75ED Type 2	3/4-1 1/2		†.0002" x .0007"	—	Black	Stereo-Mono LP
M75ECS	N75EC	—	2-4		†.0004" x .0007"	Brown	—	Stereo-Mono LP
M75ED Type 2	N75ED Type 2	—	3/4-1 1/2		†.0002" x .0007"	Black	—	Stereo-Mono LP
M75EJ Type 2	N75EJ Type 2	—	1 1/2-3		†.0004" x .0007"	Light Green	—	Stereo-Mono LP
M75E-D19	—	N75ED Type 2	3/4-1 1/2		†.0002" x .0007"	—	Black	Stereo-Mono LP
M75E-D19 Type 2	—	N75ED Type 2	3/4-1 1/2		†.0002" x .0007"	—	Black	Stereo-Mono LP
M75EM	—	N75ED Type 2	3/4-1 1/2		†.0002" x .0007"	—	Black	Stereo-Mono LP
M75EM Type 2	—	N75ED Type 2	3/4-1 1/2		†.0002" x .0007"	—	Black	Stereo-Mono LP
M75E-P20 Type 2	—	N75ED Type 2	3/4-1 1/2		†.0002" x .0007"	—	Black	Stereo-Mono LP
M75E-95G	—	N75ED Type 2	3/4-1 1/2	†.0002" x .0007"	—	Black	Stereo-Mono LP	
M75E-95G Type 2	—	N75ED Type 2	3/4-1 1/2	†.0002" x .0007"	—	Black	Stereo-Mono LP	
M75G	—	N75G Type 2	3/4-1 1/2	⊙.0006"	—	Dark Gray	Stereo-Mono LP	
M75G Type 2	N75G Type 2	—	3/4-1 1/2	⊙.0006"	Dark Gray	—	Stereo-Mono LP	
M75MB	N75-6	N75B Type 2	1 1/2-3	⊙.0006"	Beige	Beige	Stereo-Mono LP	
M75MB Type 2	N75B Type 2	—	1 1/2-3	⊙.0006"	Beige	—	Stereo-Mono LP	
M75MG	—	N75G Type 2	3/4-1 1/2	⊙.0006"	—	Dark Gray	Stereo-Mono LP	
M75MG Type 2	N75G Type 2	—	3/4-1 1/2	⊙.0006"	Dark Gray	—	Stereo-Mono LP	
M75MG-D	—	N75G Type 2	3/4-1 1/2	⊙.0006"	—	Dark Gray	Stereo-Mono LP	
M75 Type D	N75-6	N75B Type 2	1 1/2-3	⊙.0006"	Beige	Beige	Stereo-Mono LP	

⊙Spherical

†Elliptical

*Stylus provides at least equal performance of original stylus.

**Stylus provides improved performance over original stylus at the same tracking force range.

Ⓐ—Gold Spade - Large Silver Shank

Ⓑ—Gold Spade - Small Silver Shank

Ⓒ—Silver Spade - Silver Shank

★Stylus Group (See page 3)

SHURE REPLACEMENT STYLUS CHART - Continued

(All styli are diamond unless noted otherwise)

Cartridge Model	Direct Replacement Stylus Model *	Upgrade Replacement Stylus Model**	Tracking Force	Stylus Group*	Stylus Radius	Direct Replacement Stylus Grip Color Code	Upgrade Replacement Stylus Grip Color Code	Stylus Function
M75-6	N75-6	N75B Type 2	1½-3	E	⊙.0006"	Beige	Beige	Stereo-Mono LP
M75-6 Type 2	N75B Type 2	—	1½-3		⊙.0006"	Beige	—	Stereo-Mono LP
M75-6S	N75-6	N75B Type 2	1½-3		⊙.0006"	Beige	Beige	Stereo-Mono LP
M77	N77		3-6	D	⊙.0007"	Black		Stereo-Mono LP
M77D	N77		3-6		⊙.0007"	Black		Stereo-Mono LP
M77MD	N77		3-6		⊙.0007"	Black		Stereo-Mono LP
M80E	N55E		¾-2	A	†.0002" x .0007"	Yellow		Stereo-Mono LP
M80E-D	N55E		¾-2		†.0002" x .0007"	Yellow		Stereo-Mono LP
M80E-D19	N55E		¾-2		†.0002" x .0007"	Yellow		Stereo-Mono LP
M81MC	N75C		3-5	E	⊙.0006"	Blue		Stereo-Mono LP
M91E	N91E	N91ED	¾-1½	H	†.0002" x .0007"	Black	Yellow	Stereo-Mono LP
M91ED	N91ED	—	¾-1½		†.0002" x .0007"	Yellow	—	Stereo-Mono LP
M91G	N91G	N91GD	¾-1½		⊙.0006"	Gray	Red	Stereo-Mono LP
M91GD	N91GD	—	¾-1½		⊙.0006"	Red	—	Stereo-Mono LP
M91MGD	N91G	N91GD	¾-1½	H	⊙.0006"	Gray	Red	Stereo-Mono LP
M92E	—	N91E	¾-1½		†.0002" x .0007"	—	Black	Stereo-Mono LP
M92G	—	N91GD	¾-1½		⊙.0006"	—	Red	Stereo-Mono LP
M93E	N93E	—	1½-3		†.0004" x .0007"	Light Green	—	Stereo-Mono LP
M98/A	N44-7		1½-3	A	⊙.0007"	White		Stereo-Mono LP
M99/A	N99		1½-3	D	⊙.0007"	Gray		Stereo-Mono LP
M99/AT6	N99		1½-3		⊙.0007"	Gray		Stereo-Mono LP
M99/M10	N99		1½-3		⊙.0007"	Gray		Stereo-Mono LP
R7C	—	N75C	3-5	E	⊙.0006"	—	Blue	Stereo-Mono LP
R27E	—	N75ED Type 2	¾-1½		†.0002" x .0007"	—	Black	Stereo-Mono LP
R47EB	—	N75EJ Type 2	1½-3		†.0004" x .0007"	—	Light Green	Stereo-Mono LP
RM910E	—	N75EJ Type 2	1½-3		†.0004" x .0007"	—	Light Green	Stereo-Mono LP
RM930C	N75C	—	3-5		⊙.0006"	Blue	—	Stereo-Mono LP
RS100	N3D		3-6	B	⊙.0007"	Ⓐ		Stereo-Mono LP
RS120E		N32E	2½-5	G	†.0004" x .0007"		Brown	Stereo-Mono LP
RS220E		N31E	1-2		†.0002" x .0007"		Yellow	Stereo-Mono LP
SL95-M75E Type 2		N75ED Type 2	¾-1½	E	†.0002" x .0007"		Black	Stereo-Mono LP
V-15	VN2E		¾-1½	A	†.0002" x .0007"	Black		Stereo-Mono LP
V-15 Type II	VN15E		¾-1½	F	†.0002" x .0007"	Black		Stereo-Mono LP
V-15 II-7	VN7		¾-1½		⊙.0007"	Gray		Stereo-Mono LP
24-0003	N3D		3-6	B	⊙.0007"	Ⓐ		Stereo-Mono LP
24-0044	N44E		1¾-4	A	†.0004" x .0007"	Brown		Stereo-Mono LP

NOTE: for units not listed, replace cartridge.

⊙Spherical †Elliptical
*Stylus provides at least equal performance of original stylus.

**Stylus provides improved performance over original stylus at the same tracking force range.

Ⓐ—Gold Spade - Large Silver Shank

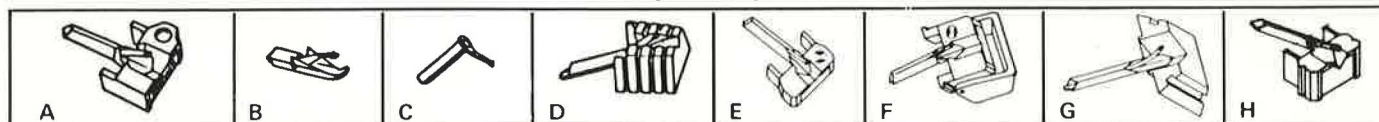
PREMOUNTED CARTRIDGES

Turntable Manufacturer	Model	Cartridge	Stylus Model	Tracking Force	Stylus Radius	Stylus Grip Color Code	Stylus Function
Elac Miracord	All Models Listed on Page 1	M91E-50H†	N91E	¾-1½	†.0002" x .0007"	Black	Stereo-Mono LP
		M91ED-BJ†	N91ED	¾-1½	†.0002" x .0007"	Yellow	Stereo-Mono LP
Dual	1229	V-15 II-D12† M91E-D12† M91ED-DL†	VN15E	¾-1½	†.0002" x .0007"	Black	Stereo-Mono LP
	1219		N91E	¾-1½	†.0002" x .0007"	Black	Stereo-Mono LP
	1218		N91ED	¾-1½	†.0002" x .0007"	Yellow	Stereo-Mono LP
	1215 1209						
Garrard	SL95B SL72B	M91E-GSL† M91ED-GS†	N91E N91ED	¾-1½ ¾-1½	†.0002" x .0007" †.0002" x .0007"	Black Yellow	Stereo-Mono LP Stereo-Mono LP
	Zero-100	V15 II-GZ† M91ED-GZ†	VN15E	¾-1½	†.0002" x .0007"	Black	Stereo-Mono LP
			N91ED	¾-1½	†.0002" x .0007"	Yellow	Stereo-Mono LP
		SL65B SP20B, 55B, 40B	M44E-GSL†	N44E	1¾-4	†.0004" x .0007"	Brown
Perpetuum- Ebner	All Models Listed on Page 1 Except 2035	M91E-P20† M91ED-PE†	N91E N91ED	¾-1½ ¾-1½	†.0002" x .0007" †.0002" x .0007"	Black Yellow	Stereo-Mono LP Stereo-Mono LP

†Premounted cartridges feature the V-15 Type II, M91E, M91ED or M44E as indicated, already mounted in the tone arm head, ready for instant installation without further assembly.

SPECIAL NOTE: The Dynetic stylus assembly used in these cartridges is the most critical component. To maintain the original performance standards of your cartridge, be certain that any replacement stylus you buy bears the following certification on the package: "This Stereo Dynetic stylus is precision manufactured by Shure Brothers Inc." Avoid inferior imitations. They will seriously degrade the performance of your cartridge. All genuine "Dynetic" styli are manufactured by Shure Brothers Incorporated.

*Stylus Groups



STYLI FOR MONAURAL RECORDS

Cartridge Model	Replacement Stylus Model	Tracking Force	Stylus Group★	Stylus Radius	Stylus Grip Color Code	Stylus Function
M44 Series, M55E, M80 Series, M98/A, V-15	N44-1	1½—3	A	.001" Diamond	Blue	For Mono LP
	N44-3	1½—3		.0025" Diamond	Green	For 78 RPM
M31E, M32E	N32-3	2½—5	G	.0025" Diamond	Green	For 78 RPM
M33, M77 Series, M99 Series	N78	3—6	D	.0025" Diamond	Green	For 78 RPM
V-15 Type II, M71, M73, M75	N75-3	1½—3	E	.0025" Diamond	Green	For 78 RPM
M91, M92, M93 Series	N91-3	1½—3	H	.0025" Diamond	Green	For 78 RPM
Stylus Interchangeability	Styli for M31E and M32E Cartridges are interchangeable.					
	Styli for M33 Series, M77 Series and M99 Series Cartridges are interchangeable.					
	Styli for M44 Series, M55E, M80 Series and M98/A are interchangeable.					
	Styli for M75 Series may be used with V-15 Type II, M71 Series and M73 Series. NOTE: The VN15E and VN7 Styli may ONLY be used in the V-15 Type II Cartridges.					
	The N91E, N91G, N91-3, N93E, N91GD and N91ED Styli are interchangeable but may only be used in the M91E, M92E, M92G, M93E, M91GD and M91ED Cartridges.					
Styli for M3D, M3/N21D, M7/N21D, M8D, M21 and M22 are interchangeable.						

★Stylus Group (See page 3)

STYLUS CLEANING:

To clean the stylus, use a camel's-hair brush (No. 2 size or smaller) dipped lightly in alcohol or alcohol-water solution; grain alcohol is preferred. (WARNING: Commercial record or stylus cleaning solutions may cause corrosion and permanent stylus damage.) The alcohol will remove any sludge deposits which may have coated the stylus tip. The brush bristles should be trimmed to a length no longer than ¼ inch. Always brush the stylus with a forward movement from the rear (terminal end of the cartridge) to the front. Never brush or wipe the stylus from front to back or side to side.

TO PRESERVE STYLUS LIFE

1. Follow the turntable or tone arm manufacturer's instructions when adjusting anti-skating force in the suspension system of the tone arm.
2. Do not handle the tone arm while it is in operation. Accidentally touching the tone arm while the turntable is rotating can cause the arm to sweep across the record.

3. If it is necessary to manually place the tone arm in the record groove while the turntable is rotating, be sure to release it as soon as the stylus engages the record groove.
4. Correct any improper set-down adjustment or malfunction of the turntable changing mechanism to prevent the stylus from striking the edge of the turntable or the record.
5. Take care to properly insert the stylus into the cartridge assembly and the cartridge and shell assembly into the tone arm receptacle.
6. Use proper vertical tracking force setting for each cartridge. Misadjustment of the tone arm counterbalance can cause excessive vertical force beyond specified limits.
7. Do not use excessively warped, cracked, or imperfect records.
8. Be sure to protect the stylus when cleaning the turntable with a dust cloth.

GUARANTEE

Shure products are guaranteed in normal use to be free from electrical and mechanical defects for a period of one year from the date of purchase. Please retain proof of purchase date. This guarantee includes all parts and labor. This guarantee does not include stylus wear.

SHIPPING INSTRUCTIONS

Carefully repack the unit and return it to the factory. If outside the United States, return the unit to your dealer or authorized Shure Service Center for repair. The unit will be returned to you prepaid.