

**Discontinued Phono Cartridge and Stylus Cross Reference Chart** Last update: November 2004

* = OEM models sold to specific retail outlets

** = product available in limited quantities ONLY thru Service Department

Cartridge Model	Original Replacement Stylus	Stylus Color	Available from Shure?	Diamond Shape	Tracking Force (Grams)	Suggested Current-Cartridge Replacement	Upgrade Stylus or stylus that will fit/function	Will N78S stylus Fit?
2214	N75EC	Brown	NO	Biradial (0.4x 0.7 mils)	2 to 4	M92E	N75ED Type 2 (Discontinued - Out of Stock)	
2215	N93E N75EJ Type 2 N72EJ	Light Green Light Green Light Green	NO NO YES**	Biradial (0.4x 0.7 mils) Biradial (0.4x 0.7 mils) Elliptical (0.4x 0.7 mils)	1 1/2 to 3 1 1/2 to 3 1 1/2 to 3	M92E M92E M92E	N91ED (Discontinued-Still Available) N91ED (Discontinued-Still Available) N91ED (Discontinued-Still Available)	
24-0003	N3D	Gold Spade - Large Silver Shank	NO	Spherical (0.7 mils)	3 to 6	None	None	NO
24-0044	N44E	Brown	NO	Elliptical (0.4x 0.7 mils)	1 3/4 to 4	M92E	N44C (S) or N55E (B)	NO
42-238	N3D	Gold Spade - Large Silver Shank	NO	Spherical (0.7 mils)	3 to 6	None	None	NO
9S-EJ*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
17MK6*	N16 (NPS 6)	Black	NO	Hyperelliptical (0.2 x 0.15 mils)	1 1/4 to 2	M97xE	None	NO
89E*	N70EJ	Light Green	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N72EJ (Discontinued-Limited Quantities)*	NO
98XE*	N14 (NPS 4)	Blue	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N13 (NPS 3) (Discontinued - Out of Stock)	NO
98-D*	NDC-ED	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	NE95ED (Discontinued-Still Available)	NO
98-J*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
100 (Protrack)*	N14 (NPS 4)	Blue	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N13 (NPS 3) (Discontinued - Out of Stock)	NO
100S*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
155S*	NDC-ED	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	NE95ED (Discontinued-Still Available)	NO
191E*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
200*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
200E*	N14 (NPS 4)	Blue	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N13 (NPS 3) (Discontinued - Out of Stock)	NO
202S*	NDC-HE	Dark Green	YES**	Hyperelliptical (0.2 x 0.15 mils)	3/4 to 1 1/2	M97xE	None	NO
375DE*	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
395ED*	N95ED	Yellow	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
400E*	N12 (NPS 2)	Orange	NO	Elliptical (0.2x 0.7 mils)	3/4 to 1 1/2	M92E	N11 (NPS 1) (Discontinued - Out of Stock)	NO
445*	N14 (NPS 4)	Blue	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N13 (NPS 3) (Discontinued - Out of Stock)	NO
470MS*	N70EJ	Light Green	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N72EJ (Discontinued-Limited Quantities)*	NO
491MS*	N91ED	Yellow	YES**	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
500S	N92E	Red	YES**	Biradial (0.4x 0.7 mils)	3/4 to 1 1/2	M92E	None	NO
600H*	N16 (NPS 6)	Black	NO	Hyperelliptical (0.2 x 0.15 mils)	1 1/4 to 2	M97xE	None	NO
700SX*	N11 (NPS 1)	Brown	NO	Elliptical (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
755*	N13 (NPS 3)	Tan	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	None	NO
757EJ*	N70EJ	Light Green	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N72EJ (Discontinued-Limited Quantities)*	NO
790E*	NDC-ED	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	NE95ED (Discontinued-Still Available)	NO
800E	N92E N104E	Red Yellow	YES** YES**	Biradial (0.4x 0.7 mils) Biradial (0.2x 0.7 mils)	3/4 to 1 1/2 1 1/4	M92E M97xE	None None	NO
800S	N92E N99E	Red Blue	YES** NO	Biradial (0.4x 0.7 mils) Biradial (0.2x 0.7 mils)	3/4 to 1 1/2 1 1/4	M92E M97xE	None N104E (Discontinued-Still Available)	NO
907AK*	N16 (NPS 6)	Black	NO	Hyperelliptical (0.2 x 0.15 mils)	1 1/4 to 2	M97xE	None	NO
955*	N15 (NPS 5)	Bright Green	NO	Hyperelliptical (0.2 x 0.15 mils)	3/4 to 1 1/2	M97xE	None	NO
965*	N15 (NPS 5)	Bright Green	NO	Hyperelliptical (0.2 x 0.15 mils)	3/4 to 1 1/2	M97xE	None	NO
1000E	N99E	Blue	NO	Biradial (0.2x 0.7 mils)	1 1/4	M92E	N104E (Discontinued-Still Available)	YES**
1000ED	N105E	Black	YES**	Biradial (0.2x 0.7 mils)	1 1/4	M97xE	N111E (Discontinued-Limited Quantities)*	YES**
1200HRP	N110HE	White	NO	Hyperelliptical (0.2 x 0.15 mils)	1 1/4	M97xE	NE97HE (Discontinued-Out of Stock)	
2500S*	N14 (NPS 4)	Blue	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N13 (NPS 3) (Discontinued - Out of Stock)	NO
5000S*	N12 (NPS 2)	Orange	NO	Elliptical (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	N11 (NPS 1) (Discontinued - Out of Stock)	NO
7500S*	N15 (NPS 5)	Bright Green	NO	Hyperelliptical (0.2 x 0.15 mils)	3/4 to 1 1/2	M97xE	None	NO
7575EJ*	N70EJ	Light Green	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N72EJ (Discontinued-Limited Quantities)*	NO
9000*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
9001*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
9500S*	N16 (NPS 6)	Black	NO	Hyperelliptical (0.2 x 0.15 mils)	1 1/4 to 2	M97xE	None	NO
9756C*	N70B	Beige	YES**	Spherical (.0006 in.)	1 1/2 to 3	M25C	Discontinued-Still Available	NO
9757E*	N70E		NO	N/A	N/A	None	None	NO
9758ED*	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
9910ED	N91ED	Yellow	YES**	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
9958ED*	N95ED	Yellow	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
10005*	N11 (NPS 1)	Brown	NO	Elliptical (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
A150*	NDC-HE	Dark Green	YES**	Hyperelliptical (0.2 x 0.15 mils)	3/4 to 1 1/2	M97xE	None	NO
A1000*	N13 (NPS 3)	Tan	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	None	NO
A2000*	N11 (NPS 1)	Brown	NO	Elliptical (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
A20E*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
A90LTD*	N91ED	Yellow	YES**	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
A90MED*	N91ED	Yellow	YES**	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
A96ME*	N93E	Light Green	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	N75EJ Type 2 (Discontinued-Out of Stock) N91ED (Discontinued-Still Available)	
AA92	N91E	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	N91ED (Discontinued-Still Available)	
AA92E	N91E	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	N75ED Type 2 (Discontinued-Out of Stock) N91ED (Discontinued-Still Available)	
Alpha 20*	N14 (NPS 4)	Blue	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N13 (NPS 3) (Discontinued - Out of Stock)	NO
Alta Pro 2*	N92E	Red	YES**	Biradial (0.4x 0.7 mils)	3/4 to 1 1/2	M92E	None	NO
Alta Pro 4*	N92E	Red	YES**	Biradial (0.4x 0.7 mils)	3/4 to 1 1/2	M92E	None	NO
AM19*	N91ED	Yellow	YES**	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
AM85E*	N70EJ	Light Green	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N72EJ (Discontinued-Limited Quantities)*	NO
AM92ED*	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
AM97EE	N91E	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	N75ED Type 2 (Discontinued-Out of Stock) N91ED (Discontinued-Still Available)	
AM99ED*	N95ED	Yellow	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
AMC50E	N55E	Yellow	YES**	Elliptical (0.2x 0.7 mils)	3/4 to 2	M97xE	None	NO
AMC50ED-MB*	None		NO	N/A	N/A	None	None	NO
AMC70ED-MB*	None		NO	N/A	N/A	None	None	NO
AMC90ED-MB*	None		NO	N/A	N/A	None	None	NO
APC-1*	N11 (NPS 1)	Brown	NO	Elliptical (0.2x 0.7 mils)		M94E/MP94E or M97xE	None	NO
APC-2*	N12 (NPS 2)	Orange	NO	Elliptical (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	N11 (NPS 1) (Discontinued - Out of Stock)	NO
APC-3*	N13 (NPS 3)	Tan	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	None	NO
APC-4*	N14 (NPS 4)	Blue	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N13 (NPS 3) (Discontinued - Out of Stock)	NO
APC-5*	N15 (NPS 5)	Bright Green	NO	Hyperelliptical (0.2 x 0.15 mils)	3/4 to 1 1/2	M97xE	None	NO
APC-6*	N16 (NPS 6)	Black	NO	Hyperelliptical (0.2 x 0.15 mils)	1 1/4 to 2	M97xE	None	NO
ARC28*	N14 (NPS 4)	Blue	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N13 (NPS 3) (Discontinued - Out of Stock)	NO
ARC44*	N13 (NPS 3)	Tan	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	None	NO
ARC61*	N12 (NPS 2)	Orange	NO	Elliptical (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	N11 (NPS 1) (Discontinued - Out of Stock)	NO
ARC92*	N11 (NPS 1)	Brown	NO	Elliptical (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
AS72*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
AS92*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO

M70BX	N70BX		YES**	Spherical (0.7 mils)	1 1/2 to 3	None-Will have to mov	None	YES**
M70EJ	N70EJ	Light Green	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	None-Will have to mov	N72EJ (Discontinued-Limited Quantities)*	NO
	N72EJ	Light Green	YES**	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E		
M71 Series	N75-3 (78rpm)	Dark Green	NO	Spherical (.0025 in.) (for 78rpm)	1 1/2 to 3	M78S for 78 rpm record	None	NO
M71-6	N75-6	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M25C	None	NO
	N75B Type 2	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M25C	None	NO
	N72B	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M25C	None	NO
M71C	N75C	Light Blue	NO	Spherical (0.6 mils)	3 to 5	M25C	None	
	N75EC	Brown	NO	Biradial (0.4x 0.7 mils)	2 to 4	M92E	N75ED Type 2 (Discontinued - Out of Stock)	
M71EB	N75B Type 2	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M25C	None	NO
	N75EJ Type 2	Light Green	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	None	
	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
M71EMB	N75EJ Type 2	Light Green	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	None	NO
	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
M71MB	N75-6	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M25C	None	NO
	N75B Type 2	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M25C	None	
	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
M71MC	N75C	Light Blue	NO	Spherical (0.6 mils)	3 to 5	M25C	None	NO
	N75EC	Brown	NO	Biradial (0.4x 0.7 mils)	2 to 4	M92E	N75ED Type 2 (Discontinued - Out of Stock)	
M72 Series 78rpm	N70-3 (78rpm)	Dark Green	NO	Spherical (.0025 in.) (for 78rpm)	1 1/2 to 3	M78S for 78 rpm record	None	NO
M72B	N72B	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M25C		
M72EJ	N72EJ	Light Green	YES**	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N72EJ (Discontinued-Limited Quantities)*	
M73 Series (except	N75-3 (78rpm)	Dark Green	NO	Spherical (.0025 in.) (for 78rpm)	1 1/2 to 3	M78S for 78 rpm record	None	NO
M73G	N75G Type 2	Gray	NO	Spherical (0.6 mils)	3/4 to 1 1/2	M25C	N75B Type 2 (Discontinued-Still Available)	NO
	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
M73MG	N75G Type 2	Gray	NO	Spherical (0.7 mils)	3/4 to 1 1/2	M25C	N75B Type 2 (Discontinued-Still Available)	NO
	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
M73PE	N31E	Yellow	YES**	Elliptical (0.2x 0.7 mils)	1 to 2	M97xE	None	NO
M73PED*	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
M73PE-ED*	None		NO	N/A	N/A	None	None	NO
M73PE-II*	N70EJ	Light Green	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N72EJ (Discontinued-Limited Quantities)*	NO
M73PE Type 2*	None		NO	N/A	N/A	None	None	NO
M73SG	N75G Type 2	Gray	NO	Spherical (0.6 mils)	3/4 to 1 1/2	M25C	N75B Type 2 (Discontinued-Still Available)	NO
	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
M74CSM	N74C	Beige	NO	Spherical (0.7 mils)	2 to 4	M25C	None	NO
	N75EC	Brown	NO	Biradial (0.4x 0.7 mils)	2 to 4	M92E	N75ED Type 2 (Discontinued - Out of Stock)	
M74CSZ	N75EC	Brown	NO	Biradial (0.4x 0.7 mils)	2 to 4	M92E	N75ED Type 2 (Discontinued - Out of Stock)	
M75 Type D	N75-6	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M25C	None	NO
	N75B Type 2	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M25C	None	
	N72B	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M25C	None	
M75 series 78	N75-3 (78rpm)	Dark Green	NO	Spherical (.0025 in.) (for 78rpm)	1 1/2 to 3	M78S for 78 rpm record	None	NO
M75-6	N75-6	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M25C	None	NO
	N75B Type 2	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M25C	None	
	N72B	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M25C	None	
M75-6S	N75-6	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M25C	None	YES**
	N75B Type 2	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M25C	None	
	N72B	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M25C	None	
M75-6 Type 2	N75B Type 2	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M25C	None	NO
	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
	N75EC	Brown	NO	Biradial (0.4x 0.7 mils)	2 to 4	M92E	N75ED Type 2 (Discontinued - Out of Stock)	
M75B Type 2	N75B Type 2	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M35X	None	NO
	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
	N75EC	Brown	NO	Biradial (0.4x 0.7 mils)	2 to 4	M92E	N75ED Type 2 (Discontinued - Out of Stock)	
M75CS	N75C	Light Blue	NO	Spherical (0.6 mils)	3 to 5	M35X	None	YES**
	N75EC	Brown	NO	Biradial (0.4x 0.7 mils)	2 to 4	M92E	N75ED Type 2 (Discontinued - Out of Stock)	
M75E	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
M75E Type 2	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M92E	None	
M75ECS	N75EC	Brown	NO	Biradial (0.4x 0.7 mils)	2 to 4	M92E	N75ED Type 2 (Discontinued - Out of Stock)	YES**
M75ED Type 2	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M92E	None	NO
M75EJ Type 2	N75EJ Type 2	Light Green	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	None	NO
	N75HE Type 2	Light Gray	YES**	Hyperelliptical (0.2 x 0.15 mils)	3/4 to 1 1/2	M97xE	None	
	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
M75E-D19	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
M75E-D19 Type 2	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
M75EM	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
M75EM Type 2	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
M75E-P20 Type 2	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
M75E-95G	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
M75E-95G Type 2	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
M75G	N75G Type 2	Gray	NO	Spherical (0.6 mils)	3/4 to 1 1/2	M35X	None	NO
	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
M75G Type 2	N75G Type 2	Gray	NO	Spherical (0.6 mils)	3/4 to 1 1/2	M35X	None	NO
	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
M75HE Type 2	N75HE Type 2	Light Gray	YES**	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
M75HEJ Type 2	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
M75MB	N75-6	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M25C	None	NO
	N75B Type 2	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M35X	None	
	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
M75MB Type 2	N75B Type 2	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M35X	None	NO
	N75EJ Type 2	Light Green	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	None	
	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
M75MG	N75G Type 2	Gray	NO	Spherical (0.6 mils)	3/4 to 1 1/2	M35X	N75B Type 2 (Discontinued-Still Available)	NO
	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
M75MG-D	N75G Type 2	Gray	NO	Spherical (0.6 mils)	3/4 to 1 1/2	M35X	N75B Type 2 (Discontinued-Still Available)	NO
	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
M75MG Type 2	N75G Type 2	Gray	NO	Spherical (0.6 mils)	3/4 to 1 1/2	M35X	N75B Type 2 (Discontinued-Still Available)	NO
	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
M77	N77	Black	NO	Spherical (0.7 mils)	3 to 6	M35X	None	NO
M77D	N77	Black	NO	Spherical (0.7 mils)	3 to 6	M35X	None	NO
M77MD	N77	Black	NO	Spherical (0.7 mils)	3 to 6	M35X	None	NO
M78ED Type 2*	N70EJ	Light Green	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N72EJ (Discontinued-Limited Quantities)*	NO
	N72EJ	Light Green	YES**	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	None	
M700EX*	N70EJ	Light Green	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N72EJ (Discontinued-Limited Quantities)*	NO
M705EX*	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
M750E*	N14 (NPS 4)	Blue	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N13 (NPS 3) (Discontinued - Out of Stock)	NO
M752ED*	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
M7002ED*	N70EJ	Light Green	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N72EJ (Discontinued-Limited Quantities)*	NO
M7044*	N70B	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M35X	None	NO
M7500ED*	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
M78EDT2	N70EJ	Light Green	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N72EJ (Discontinued-Limited Quantities)*	
M80E	N55E	Yellow	YES**	Elliptical (0.2x 0.7 mils)	3/4 to 2	M97xE	None	NO
	N44E	Brown	NO	Elliptical (0.4x 0.7 mils)	1 3/4 to 4	M92E	N44C (S) or N55E (B)	
M80E-D	N55E	Yellow	YES**	Elliptical (0.2x 0.7 mils)	3/4 to 2	M97xE	None	NO

R47EB	R5X N75ED Type 2	Black	YES** NO	Biradial (0.4x 0.7 mils) Biradial (0.2x 0.7 mils)	1 1/2 to 3 3/4 to 1 1/2	M92E M97xE	N75E Type 2 (Discontinued - Out of Stock) None	
R47ED	R5X N75ED Type 2	Black	YES** NO	Biradial (0.4x 0.7 mils) Biradial (0.2x 0.7 mils)	1 1/2 to 3 3/4 to 1 1/2	M92E M97xE	N75EJ Type 2 (Discontinued - Out of Stock) None	
R47EDT	R5X N75EJ Type 2 N75ED Type 2	Light Green Black	YES** NO NO	Biradial (0.4x 0.7 mils) Biradial (0.4x 0.7 mils) Biradial (0.2x 0.7 mils)	1 1/2 to 3 1 1/2 to 3 3/4 to 1 1/2	M92E M92E M97xE	N75ED Type 2 (Discontinued - Out of Stock) N75ED Type 2 (Discontinued - Out of Stock) None	
R47XT	R5X R8X N75EJ Type 2 N75ED Type 2	Light Green Black	YES** YES** NO NO	Biradial (0.2x 0.7 mils) Biradial (0.2x 0.7 mils) Biradial (0.4x 0.7 mils) Biradial (0.2x 0.7 mils)	3/4 to 1 1/2 3/4 to 1 1/2 1 1/2 to 3 3/4 to 1 1/2	M97xE M97xE M92E M97xE	None None N75EJ Type 2 (Discontinued - Out of Stock) None	NO
R5X	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
R700E	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
R7C	N75C N75CS	Light Blue	NO NO	Spherical (0.6 mils) N/A	3 to 5 N/A	M35X None	N75ED Type 2 (no longer available) (upgrade) None	
R8X	R8X		YES**	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	R8X (Discontinued - Still Available)*	
R9000E	N95ED N95HE	Yellow Black	YES** NO	Biradial (0.2x 0.7 mils) Hyperelliptical (0.2 x 0.15 mils)	3/4 to 1 1/2 3/4 to 1 1/2	M97xE M97xE	None None	NO
R9000E-LWS	N95ED N95HE	Yellow Black	YES** NO	Biradial (0.2x 0.7 mils) Hyperelliptical (0.2 x 0.15 mils)	3/4 to 1 1/2 3/4 to 1 1/2	M97xE M97xE	None None	NO
RD101*	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
RD191*	N95ED		YES**	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
RD195*	N95ED		YES**	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
RM71E*	None		NO	N/A		None	None	NO
RM98H*	N16 (NPS 6)	Black	NO	Hyperelliptical (0.2 x 0.15 mils)	1 1/4 to 2	M92E	None	NO
RM900E*	N91E N91ED	Black Yellow	NO YES**	Biradial (0.2x 0.7 mils) Biradial (0.2x 0.7 mils)	3/4 to 1 1/2 3/4 to 1 1/2	M97xE M97xE	N91ED (Discontinued-Still Available) None	
RM910E*	N75EJ Type 2	Light Green	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	N75ED Type 2 (Discontinued - Out of Stock)	
RM910ED*	N91ED N75EJ Type 2 N75ED Type 2	Yellow Light Green Black	YES** NO NO	Biradial (0.2x 0.7 mils) Biradial (0.4x 0.7 mils) Biradial (0.2x 0.7 mils)	3/4 to 1 1/2 1 1/2 to 3 3/4 to 1 1/2	M97xE M92E M97xE	None N75ED Type 2 (Discontinued - Out of Stock) None	YES**
RM930C*	N75C N75EC	Light Blue Brown	NO NO	Spherical (0.6 mils) Biradial (0.4x 0.7 mils)	3 to 5 2 to 4	M35X M92E	N75ED Type 2 (Discontinued - Out of Stock) N75ED Type 2 (Discontinued - Out of Stock)	
RM950*	N95ED	Yellow	YES**	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
RM950ED	N95ED N95HE	Yellow Black	YES** NO	Biradial (0.2x 0.7 mils) Hyperelliptical (0.2 x 0.15 mils)	3/4 to 1 1/2 3/4 to 1 1/2	M97xE M97xE	None None	NO
RS100	N3D	Gold Spade - Large Silver Shank	NO	Spherical (0.7 mils)	3 to 6	None	None	NO
RS100E	N91E N91ED	Black Yellow	NO NO	Biradial (0.2x 0.7 mils) Biradial (0.2x 0.7 mils)	3/4 to 1 1/2 3/4 to 1 1/2	M97xE M97xE	N91ED (Discontinued-Still Available) None	
RS120E	N32E	Brown	NO	Elliptical (0.4x 0.7 mils)	2 1/2 to 5	M92E	None	
RS220E	N31E	Yellow	YES**	Elliptical (0.2x 0.7 mils)	1 to 2	M97xE	None	
RS25EC	N75EC	Brown	NO	Biradial (0.4x 0.7 mils)	2 to 4	M92E	N75ED Type 2 (Discontinued - Out of Stock)	
RS27E	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
RS3P	RX3P N104E	Yellow	NO YES**	Biradial (0.2x 0.7 mils) Biradial (0.2x 0.7 mils)	1 1/4 1 1/4	M97xE M97xE	None None	
RS3T	R3X N75EC	Brown	NO NO	Biradial (0.4x 0.7 mils) Biradial (0.4x 0.7 mils)	2 to 4 2 to 4	M92E M92E	None None	
RS47EB	N75E Type 2		NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	N75ED Type 2 (Discontinued - Out of Stock)	
RS5T	N75EJ Type 2	Light Green	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	N75ED Type 2 (Discontinued - Out of Stock)	
RS6E	RS6E		YES**	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	N75ED Type 2 (Discontinued - Out of Stock)	
RS700E	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
RS7C	N75C	Light Blue	NO	Spherical (0.6 mils)	3 to 5	M35X	None	
RS8E	N91ED	Yellow	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
RS8T	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
RS9E	N95ED	Yellow	YES**	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M92E	None	
RXP3 (Radio Shack)	N104E N105E	Yellow Black	YES** YES**	Biradial (0.2x 0.7 mils) Biradial (0.2x 0.7 mils)	1 1/4 1 1/4	M97xE M97xE	N111E (Discontinued-Limited Quantities)* N111E (Discontinued-Limited Quantities)*	YES**
RXT4 (Radio Shack)	R9X N97HE N97ED	Black w/ Red N97HE Black w/ Red N97ED	NO NO	Hyperelliptical (0.2 x 0.15 mils) Biradial (0.2x 0.7 mils)	3/4 to 1 1/2 3/4 to 1 1/4	M97xE M97xE	None None	
RXT5 (Radio Shack)	R16X N111HE		YES** NO	Hyperelliptical (0.2 x 0.15 mils)	1 1/4	M97xE M97xE	NE97HE (Discontinued-Out of Stock) NE97HE (Discontinued-Out of Stock)	
RXT6 (Radio Shack)	R16X N111HE	Black w/ Red guard/brush	YES** NO	Hyperelliptical (0.2 x 0.15 mils)	1 1/4	M97xE	NE97HE (Discontinued - Out of Stock) NE97HE (Discontinued - Out of Stock)	**
S10*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
S20*	NDC-ED	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	NE95ED (Discontinued-Still Available)	NO
S30*	NDC-HE	Dark Green	YES**	Hyperelliptical (0.2 x 0.15 mils)	3/4 to 1 1/2	M97xE	None	NO
S76E*	N70EJ	Light Green	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N72EJ (Discontinued-Limited Quantities)*	NO
S96E*	N13 (NPS 3)	Tan	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	None	NO
S98ED*	N12 (NPS 2)	Orange	NO	Elliptical (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	N11 (NPS 1) (Discontinued - Out of Stock)	NO
S300E*	N12 (NPS 2)	Orange	NO	Elliptical (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	N11 (NPS 1) (Discontinued - Out of Stock)	NO
S320*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
S400E*	N11 (NPS 1)	Brown	NO	Elliptical (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
S420*	NDC-ED	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	NE95ED (Discontinued-Still Available)	NO
S854E*	N14 (NPS 4)	Blue	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N13 (NPS 3) (Discontinued - Out of Stock)	NO
S8000*	N14 (NPS 4)	Blue	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N13 (NPS 3) (Discontinued - Out of Stock)	NO
SB5*	N92E	Red	YES**	Biradial (0.4x 0.7 mils)	3/4 to 1 1/2	M92E	None	
SB10*	N104E	Yellow	YES**	Biradial (0.2x 0.7 mils)	1 1/4	M97xE	None	
SB15*	N99E	Blue	NO	Biradial (0.2x 0.7 mils)	1 1/4	M97xE	N104E (Discontinued-Still Available)	
SB19DE*	N91ED	Yellow	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	
SB25*	N104E	Yellow	YES**	Biradial (0.2x 0.7 mils)	1 1/4	M97xE	None	
SB50E*	N13 (NPS 3)	Tan	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	None	NO
SB19DE*	N95ED	Yellow	YES**	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
SB80H*	N16 (NPS 6)	Black	NO	Hyperelliptical (0.2 x 0.15 mils)	1 1/4 to 2	M97xE	None	YES**
SC35C *OLD*	N111HE SS78E (78 rpm)	Black w/ Red guard/brush Green	NO NO	Hyperelliptical (0.2 x 0.15 mils) Spherical (0.5 x 0.25 mils)	1 1/4 4 to 5	M97xE M78S	N111E Discontinued-Limited Quantities None	
SC39B	SS39B SS39EJ	Beige Light Green	YES** YES**	Spherical (0.7 mils) Biradial (0.4x 0.7 mils)	1 1/2 to 3 3/4 to 1 1/2	M35X M92E	SS39EJ (Discontinued-Still Available) None	
SC39ED	SS39ED	Orange	YES**	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	SS39EJ (Discontinued-Still Available)	YES**
SC39EJ	SS39EJ	Light Green	YES**	Biradial (0.4x 0.7 mils)	3/4 to 1 1/2	M92E	SS39EJ (Discontinued-Still Available)	YES**
SD1*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
SD1S*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Biradial 0.2 x 0.7)	NO
SD11*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
SD22*	NDC-ED	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	NE95ED (Biradial 0.2 x 0.7)	NO
SD77*	NDC-HE	Dark Green	YES**	Hyperelliptical (0.2 x 0.15 mils)	3/4 to 1 1/2	M97xE	None	NO
SD100*	N94LT	Bright Blue	NO	Biradial (0.4x 0.7 mils)	1 1/4	M92E	N96LT (Discontinued-Out of Stock)	
SDS1*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
SDS2*	NDC-ED	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	NE95ED (Discontinued-Still Available)	NO
SDS3*	NDC-EJ	Dark Green	YES**	Hyperelliptical (0.2 x 0.15 mils)	3/4 to 1 1/2	M97xE	None	NO
SDS4*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
SDS5*	NDC-ED	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	NE95ED (Discontinued-Still Available)	NO
SE69*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
SE99*	NDC-ED	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	NE95ED (Discontinued-Still Available)	NO
SE711*	N14 (NPS 4)	Blue	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N13 (NPS 3) (Discontinued - Out of Stock)	NO

USA-1*	N16 (NPS 6)	Black	NO	Hyperelliptical (0.2 x 0.15 mils)	1 1/4 to 2	M94E/MP94E or M97xE	None	
UT100*	N14 (NPS 4)	Blue	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N13 (NPS 3) (Discontinued - Out of Stock)	
UT300E (UT300)*	N12 (NPS 2)	Orange	NO	Elliptical (0.4x 0.7 mils)	3/4 to 1 1/2	M94E/MP94E or M97xE	N11 (NPS 1) (Discontinued - Out of Stock)	NO
V15	VN2E	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
V15HR-P	VNHR-P N92E N94E	Red Purple	NO YES** YES**	Hyper-Ridge Biradial (0.2x 0.7 mils) Elliptical (0.2 x 0.37 mils)	1 1/4 optimum 3/4 to 1 1/2 1 1/4	None None None	None None None	NO
V15/Pro-S	VNSE3HE		NO	Hyperelliptical (0.2 x 0.15 mils)	1 1/4 to 1 3/4	M97xE	NE97HE (Discontinued-Out of Stock) or N111E	
V15-RS	VNSE3HE		NO	Hyperelliptical (0.2 x 0.15 mils)	1 1/4 to 1 3/4	M94E/MP94E or M97xE	NE97HE, N111E or VN5MR will fit	
V15 II Series	VN15E N75-3 (78rpm)	Black Dark Green	NO NO	Biradial (0.2x 0.7 mils) Spherical (.0025 in.) (for 78rpm)	3/4 to 1 1/2 1 1/2 to 3	M97xE M78S for 78 rpm record	N75ED Type 2 (no longer available) None	NO NO
V15 II Improved	VN15E	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M94E/MP94E or M97xE	N75ED Type 2 (no longer available)	NO
V15 II-D12	VN15E	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	N75ED Type 2 (no longer available)	NO
V15 II-GZ	VN15E	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M94E/MP94E or M97xE	N75ED Type 2 (no longer available)	NO
V15 II-7	VN15E VN7	Black Gray	NO NO	Biradial (0.2x 0.7 mils) Spherical (0.7 mils)	3/4 to 1 1/2 3/4 to 1 1/2	M97xE	N75ED Type 2 (no longer available)	NO
V15 III	VN35E VN35MR	Black	NO YES**	Biradial (0.2x 0.7 mils) Micro-ridge (.0015x.003 in.)	3/4 to 1 1/2 3/4 to 1 1/2	M97xE	VN35HE (Discontinued-Out of Stock) None	NO
V15 III-DL	VN35E	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	VN35HE (Discontinued-Out of Stock) VN35MR (Discontinued - Still Available)**	NO
V15 III Series	VN35MR		YES**	Micro-ridge (.0015x.003 in.)	3/4 to 1 1/2	ntinued-no longer avail	None	NO
V15 III-GSL	VN35E	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	VN35HE (Discontinued-Out of Stock)	NO
V15 III-GZ	VN35E	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	VN35HE (Discontinued-Out of Stock)	NO
V15 III-G	VN3G VN35MR	Gray	NO YES**	Spherical (0.6 mils) Micro-ridge (.0015x.003 in.)	3/4 to 1 1/4 3/4 to 1 1/2	None ntinued-no longer avail	None None	NO NO
V15 III-HE	VN35HE VN35MR	Black w/ Red Name Plate	NO YES**	Hyperelliptical Micro-ridge (.0015x.003 in.)	3/4 to 1 1/2 3/4 to 1 1/2	M97xE ntinued-no longer avail	None None	NO
V15 III Series 78rpm	VN78E (78rpm)	Green	NO	Elliptical (.0005x.0025 in.)	1 1/2 to 3	None	None	NO
V15 IV	VN45HE VN45MR	Black w/ Black Nameplate	NO NO	Hyperelliptical (0.2 x 0.15 mils) Micro-ridge (.0015x.003 in.)	3/4 to 1 1/4 3/4 to 1 1/4	M97xE ntinued-no longer avail	None VN35MR w/o guard (Discontinued - Still Available)**	NO NO
V15 IV-G	VN4G VN45MR	Black w/ Gray Nameplate	NO NO	Spherical (0.6 mils) Micro-ridge (.0015x.003 in.)	3/4 to 1 1/4 3/4 to 1 1/4	ntinued-no longer avail	None VN35MR w/o guard (Discontinued - Still Available)**	NO NO
V151 V Series 78rpm	VN478E (78rpm)	Black w/ Green Nameplate	NO	Elliptical (.0005x.0025 in.) (for 78rpm)	3/4 to 1 1/4	None	None	NO
V15LT	VN45LT	Dark Green	NO	Hyperelliptical (0.2 x 0.15 mils)	1 1/4	None	None	NO
V15V Series 78rpm	VN578E		NO	Elliptical (.0005x.0025 in.)	3/4 to 1 1/4	None	None	NO
V15V-B	VN5HE VN5MR	Dark Blue	NO YES**	Hyperelliptical (0.2 x 0.15 mils) Micro-ridge (.0015x.003 in.)	1 to 1 1/4 1 to 1 1/4	M97xE ntinued-no longer avail	None None	NO NO
V15V-G	VN5G VN5MR		NO YES**	Spherical (0.6 mils) Micro-ridge (.0015x.003 in.)	1 to 1 1/4 1 to 1 1/4	ntinued-no longer avail	None None	NO NO
V15V-MR	VN5MR		YES**	Micro-ridge (.0015x.003 in.)	1 to 1 1/4	ntinued-no longer avail	None	NO
V15V-P	VN5P VN5MR		YES** YES**	Hyperelliptical (0.2 x 0.15 mils) Micro-ridge (.0015x.003 in.)	1 1/4 1 to 1 1/4	MP94E (TF: 3/4 to 1 1/2) None	None None	NO NO
VE20*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
VE30*	NDC-ED	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	NE95ED (Discontinued-Still Available)	NO
VH50*	NDC-HE	Dark Green	YES**	Hyperelliptical (0.2 x 0.15 mils)	3/4 to 1 1/2	M97xE	None	NO
VIP80*	N14 (NPS 4)	Blue	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N13 (NPS 3) (Discontinued - Out of Stock)	NO
VIP85*	N12 (NPS 2)	Orange	NO	Elliptical (0.4x 0.7 mils)	3/4 to 1 1/2	M97xE	N11 (NPS 1) (Discontinued - Out of Stock)	NO
VIP90*	N15 (NPS 5)	Bright Green	NO	Hyperelliptical (0.2 x 0.15 mils)	3/4 to 1 1/2	M97xE	None	NO
VST III	VNSE3HE		NO	Hyperelliptical (0.2 x 0.15 mils)	1 1/4 to 1 3/4	M97xE	NE97HE (Discontinued-Out of Stock) or N111E	YES**
VST III-P	VNSEP3HE		NO	Hyperelliptical (0.2 x 0.15 mils)	1 3/4	it could use M92E as P	None	YES**
VST V	VNSE5MR VN5MR		NO YES**	Micro-ridge (.0015x.003 in.) Micro-ridge (.0015x.003 in.)	1.2 to 1.7 1 to 1 1/4	ntinued-no longer avail ntinued-no longer avail	None None	NO NO
W59*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
W950ED	N95ED	Yellow	YES**	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
WC975*	N91E	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	N91ED (Discontinued-Still Available)	NO
WCS-1*	N12 (NPS 2)	Orange	NO	Elliptical (0.4x 0.7 mils)	3/4 to 1 1/2	M97xE	N11 (NPS 1) (Discontinued - Out of Stock)	NO
WCS-2*	N15 (NPS 5)	Bright Green	NO	Hyperelliptical (0.2 x 0.15 mils)	3/4 to 1 1/2	M97xE	None	NO
WCS-3*	N16 (NPS 6)	Black	NO	Hyperelliptical (0.2 x 0.15 mils)	1 1/4 to 2	M97xE	None	NO
WIZ44*	N14 (NPS 4)	Blue	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N13 (NPS 3) (Discontinued - Out of Stock)	NO
X10*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
X30*	NDC-ED	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	NE95ED (Discontinued-Still Available)	NO
X50*	NDC-HE	Dark Green	YES**	Hyperelliptical (0.2 x 0.15 mils)	3/4 to 1 1/2	M97xE	None	NO
X100*	N75-6	Beige	YES**	Spherical (0.6 mils)	1 1/2 to 3	M35X	None	NO
X100E*	None		NO	N/A	N/A	None	None	NO
X555*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
X666*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
X777*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
X899*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
XL5*	N92E	Red	YES**	Biradial (0.4x 0.7 mils)	3/4 to 1 1/2	M92E	None	NO
XL15*	N99E	Blue	NO	Biradial (0.2x 0.7 mils)	1 1/4	M97xE	N104E (Discontinued-Still Available)	NO
XL25*	N104E	Yellow	YES**	Biradial (0.2x 0.7 mils)	1 1/4	M97xE	None	NO
XL30*	N110HE	White	NO	Hyperelliptical (0.2 x 0.15 mils)	1 1/4	M97xE	NE97HE (Discontinued-Out of Stock)	NO
XLT-2 (Criterion)*	N14 (NPS 4)	Blue	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N13 (NPS 3) (Discontinued - Out of Stock)	NO
XLT-3 (Criterion)*	N11 (NPS 1)	Brown	NO	Elliptical (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
XM10*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
XT-5*	N99E	Blue	NO	Biradial (0.2x 0.7 mils)	1 1/4	M97xE	N104E (Discontinued-Still Available)	NO
XT-10*	N104E	Yellow	YES**	Biradial (0.2x 0.7 mils)	1 1/4	M97xE	None	NO
XT-15*	N110HE	White	NO	Hyperelliptical (0.2 x 0.15 mils)	1 1/4	M97xE	NE97HE (Discontinued-Out of Stock)	NO
Y999*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
Z200*	N99E	Blue	NO	Biradial (0.2x 0.7 mils)	1 1/4	M97xE	N104E (Discontinued-Still Available)	NO
Z300*	N104E	Yellow	YES**	Biradial (0.2x 0.7 mils)	1 1/4	M97xE	None	NO
Z400*	N110HE	White	NO	Hyperelliptical (0.2 x 0.15 mils)	1 1/4	M97xE	NE97HE (Discontinued-Out of Stock)	NO
Z7575ED*	N75ED Type 2	Black	NO	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
Z9595ED*	N95ED	Yellow	YES**	Biradial (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
ZX-1E*	N11 (NPS 1)	Brown	NO	Elliptical (0.2x 0.7 mils)	3/4 to 1 1/2	M97xE	None	NO
ZX3*	NDC-EJ	Black	NO	Biradial (0.4x 0.7 mils)	1 1/2 to 3	M92E	NE95ED (Discontinued-Still Available)	NO
ZX-3E*	N13 (NPS 3)	Tan	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	None	NO
ZX-4E*	N14 (NPS 4)	Blue	NO	Elliptical (0.4x 0.7 mils)	1 1/2 to 3	M92E	N13 (NPS 3) (Discontinued - Out of Stock)	NO
ZX5*	NDC-ED	Black	NO	Biradial (0.4x 0.7 mils)	3/4 to 1 1/2	M94E/MP94E or M97xE	NE95ED (Discontinued-Still Available)	NO
ZX7*	NDC-HE	Dark Green	YES**	Hyperelliptical (0.2 x 0.15 mils)	3/4 to 1 1/2	M97xE	None	NO