ASTATIC NEEDLE NUMBERING CODE

ASTATIC needle numbers have been established to indicate TIP SIZE and TIP MATERIAL.

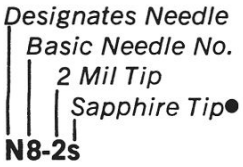
To avoid confusion with other ASTATIC product numbers now in use, the prefix "N" precedes all ASTATIC NEEDLE numbers.

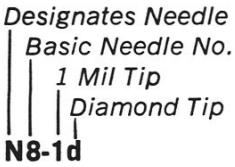
Next the basic needle number consisting of 1, 2 or 3 digits follows.

Then if the needle is a single tip needle, the tip size is included as follows:

-1 — 1 mil	-5 — 0.5 mil	-9 — 2.5 mil
-2 — 2 mil	-6 — 0.6 mil	-e — Elliptical
-3 — 3 mil	-7 — 0.7 mil	T — Truncated

The tip material is designated as m = Metal, s = Sapphire•, d = Diamond.

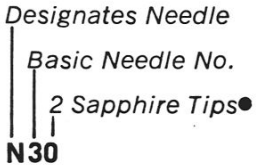


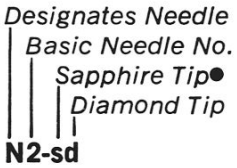


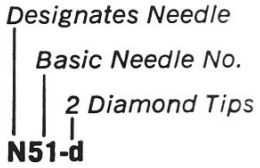
• Synthetic Sapphire

In our catalog double tip needles are so noted under the needle illustration. There is no designation of tip size in the number, although this is included in the catalog under TIP SIZE.

When no letters follow the basic needle numbers, the needle in most cases has two (2) sapphire tips. If "sd" follows the basic needle number, the needle has one (1) sapphire tip, and one (1) diamond tip. If "d" follows the basic needle number, both tips are diamond.







The term CONVENTIONAL, as noted under certain types of needles, refers to a standard type needle, and is usually held in the cartridge by a thumb screw or set screw.

E Denotes exceptional type needles.

ASTATIC NEEDLE NUMBERS ASSIGNED TO VARIOUS CARTRIDGE MANUFACTURERS

Manufacturer	Astatic Needle Numbers	Manufacturer	Astatic Needle Numbers	Manufacturer	Astatic Needle Numbers	Manufacturer	Astatic Needle Numbers
Astatic	N1—N99	Elac	N292—N299	Norelco (Phillips)	N1648—N1651	Sony	N1538—N1541
Acos	N100—N109	Electro-Voice	N300—N319	Panasonic	N490—N491	Sony	N1548—N1555
ADC	N175—N189	Electro-Voice	N400—N424	Panasonic	N1529—N1536	Sony	N1562
ADC	N240—N243	Empire	N112—N138	Panasonic	N1629—N1631	Stanton	N251—N275
American*	N140—N142	Empire	N143—N149	Perpetuum-Ebner	N580—N599	Telefunken	N720—N729
Audak*	N150	Euphonics	N325—N329	Pickering	N840—N879	Teppaz	N740—N749
Audio-Technica	N462	Euphonics	N425—N439	Piezo	N540—N559	Tetrad	N730—N739
Audio-Technica	N478—N489	Foreign Imports	N475—N477	Pioneer	N1537	Tetrad	N770—N789
Audio-Technica	N1500—N1501	Foreign Imports	N1500—N1663	Pioneer	N492—N495	Tetrad	N792—N809
Audio-Technica	N1557—N1558	Garrard	N340—N344	Pioneer	N1638—N1639	Tetrad	N900—N939
Audio-Technica	N1565—N1573	General Electric	N350—N399	Pioneer	N1644	Toshiba	N1611—N1615
Audio-Technica	N1560	Grado	N345	RCA	N560—N579	Varco	N750—N769
Bang & Olufsen	N190—N199	Grado	N445—N448	Ronette	N600—N609	Weathers*	N790—N791
BSR	N160—N165	Leasa	N460—N461	Sharp	N1591—N1600	Webcor*	N810—N811
Clarkstan*	N200	Magnavox	N470—N474	Shure	N638—N669	Webster Elec*	N820—N836
CBS	N230—N234	Norelco (Phillips)	N492—N495	Shure	N940—N953	Zenith	N880—N889
Crosley*	N250	Norelco (Phillips)	N510—N529	Singer	N630—N637		
Dual	N280—N289	Norelco (Phillips)	N1632—N1637	Sonotone	N670—N709		

* Indicates listing in which original manufacturer is no longer in business and additions are unlikely to occur.