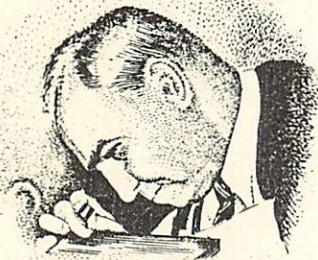


FRANK L. CAPPS & COMPANY, Inc.

Manufacturers of

RECORDING AND REPRODUCING PRODUCTS



Frank L. Capps
Founder

20 Addison Place
Valley Stream, New York

Valley Stream 5-4413-4-5

C A P P S patented* recording styli were developed by Frank L. Capps in the late 1920's in anticipation of new recording techniques (instantaneous recordings) which he and other forward looking recording men realized the radio industry would bring about. How rapidly this development did occur, giving birth to a whole new industry, was truly amazing. Within a few short years every radio station was making its own transcriptions, recording studios were opening in every city and people were making home recordings in their own living rooms.

In order to meet this sudden large and growing demand it was necessary to develop techniques that would permit styli to be turned out rapidly even though their manufacture consists of a series of hand operations shaping and polishing delicate facets upon an area of the sapphire that can be covered with a fine human hair. Naturally the extremely close tolerances of our Custom Made styli (see separate brochure) later developed to meet more critical needs, cannot be held in these "production" styli. Actual manufacturing tolerances are as follows:

included angle $+7^{\circ} - 3^{\circ}$
radius ± 0.3 mil
burnishig facet ± 0.25 mil
(measured at radius tip)

All dural styli are disc tested and guaranteed to have a noise meter reading of minus 55 db or better at an 8 inch record diameter.

*Patent No. 2187512

RECORDING STYLI

Sapphire Recording Styli — Dural shank long (.656 inches) or short (.531 inches)

General types as follows:

780M

For general coarse pitch 78 and 33-1/3 RPM work — 87° included angle, 1.5 mil radius, burnishing facet 0.5 mil to 0.66 mil.

702M

For regular work as above but has 70° included angle and 2.0 mil radius.

330M

For routine microgroove work — 87° included angle and radius from 0.5 to 1.0 mil.

Sapphire Recording Styli — Brass shank (B#2)

Sapphire stylus with brass shank long or short. These are utilitarian styli and are furnished in one specification only:

Included angle 87° , radius up to 1.0 mil. The sapphires are short and can be resharpened only a few times. Not disc tested.

Stellite Cutters

Stellite is an alloy harder than steel but considerably softer than sapphire, mounted in brass or dural shanks. Specifications similar to B#2s. Not disc tested. Can be resharpened.

Steel Cutters

Furnished with or without burnishing facets. Not disc tested. Cannot be resharpened.

OTHER PRODUCTS MANUFACTURED BY CAPPS

Custom Made Recording Styli (see separate brochure)
Replaceable sapphire reproducing needles
Cartridge assemblies with sapphire points
Eccentric styli — sapphire
Advance balls — sapphire or steel
Shaving knives — sapphire
Wax points — sapphire
Embossing Styli

In addition we are equipped to make fine tools, jigs, and styli for experimental purposes. If you have need of such items and do not have either the time or equipment for this purpose — why not let CAPPS do it for you? Precision and quality guaranteed.

All recording styli described in this brochure are obtainable through your dealer and are not for sale directly from the factory. A partial list of dealers is given below for your convenience.

Audio Devices, Inc., New York City
Diacoustic Laboratories, Encino, California
Duotone Company, Keyport, New Jersey
Electrovox Company, East Orange, New Jersey
Fairchild Recording & Equipment Corp., Whitestone, N. Y.
Jensen Industries, Chicago, Illinois.
Presto Recording Corp., Paramus, New Jersey
Recoton, Corp., New York City
Reeves Soundcraft Corp., Allentown, Pa.
Sonic Recording Products, Freeport, New York
Sonocraft Corp., New York City