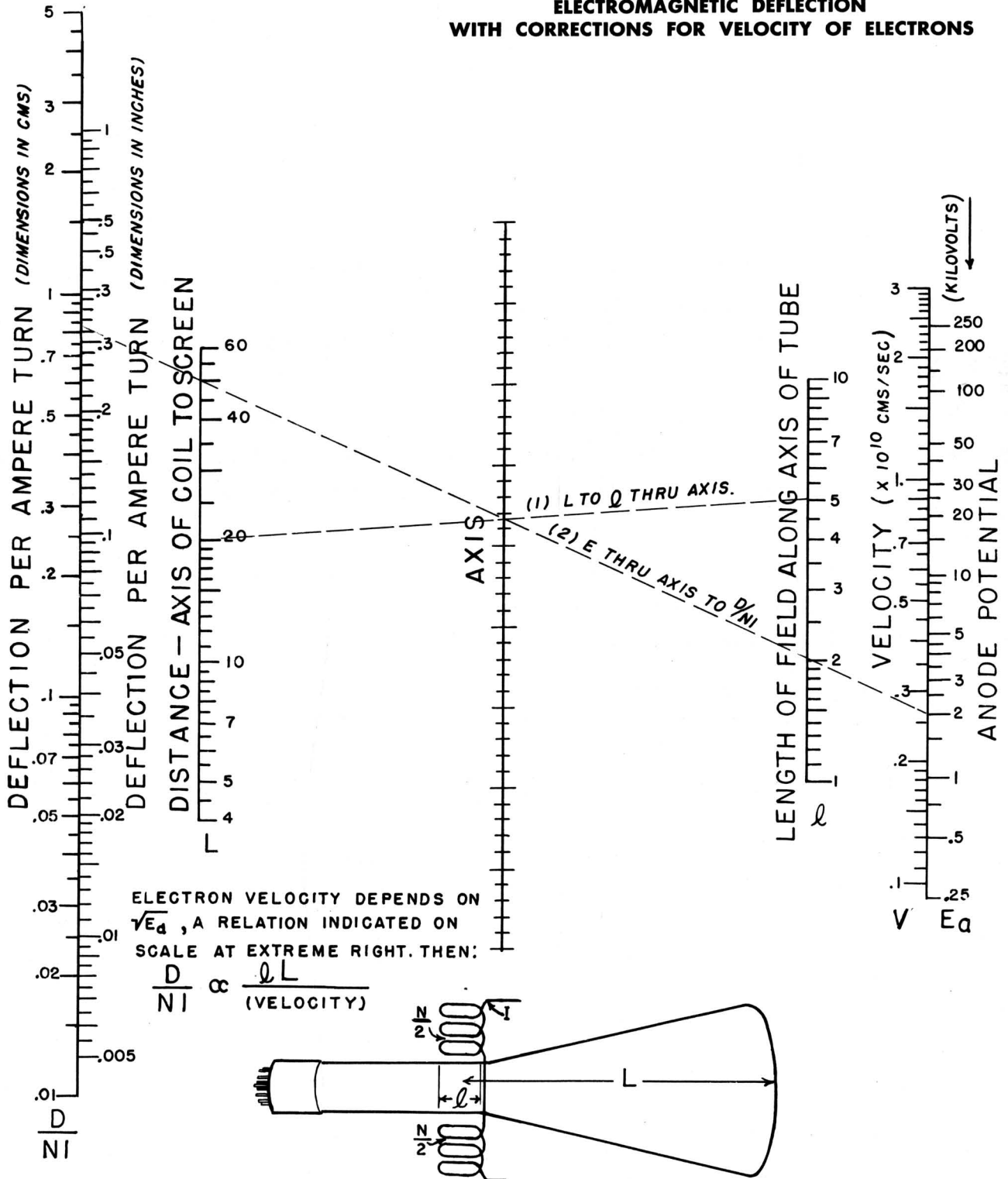




DEFLECTION SENSITIVITY OF CATHODE-RAY TUBE

ELECTROMAGNETIC DEFLECTION WITH CORRECTIONS FOR VELOCITY OF ELECTRONS



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DEFLECTION SENSITIVITY OF CATHODE-RAY TUBE
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The electromagnetic deflection sensitivity of a cathode-ray tube cannot be determined with accuracy owing to difficulty of computing intensity and dimensions of magnetic field. With no flux leakage $H = 0.04 \pi NI$, and the approximate deflection can be determined from chart, as indicated. The deflection per ampere turn scales (for use when dimensional systems are in centimeters and in inches) are at left. The scale at right shows electron velocity resulting from a given anode potential.