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(Revised January 20, 1926).

LIST OF COMMUNICATIONS OF THE GAGE SECTION

Any of the following communications will be forwarded, without charge, to interested parties upon request. As the supply is limited only those which are of particular interest should be requested.

Letter  
Circular

Title

- LC 12 Procedure of tests and explanation of reports of tests on limit gages by Bureau of Standards. (Former number B466)
- Relates nature of tests, methods of identification of gages, requirements for certification and sealing, and specifies information to be supplied with gages submitted for test.
- LC 13 Inspection of taper thread gages.
- Presents methods for measuring taper thread gages, with special attention given to the description of adaptations of methods whereby such equipment as is ordinarily available in the gage manufacturing shop may be applied.
- LC 14 Construction and operation of projection apparatus for measuring screw thread gages and profiles. (Former number B510)
- Includes list of parts which may be purchased in the open market, detailed and assembly drawings, and notes pertaining to the construction and use of the lantern. This communication should be requested only when it is the intention to construct the apparatus, as otherwise the information included is of little use. The supply is very limited.



Letter  
Circular

## Title

- LC 16      Services available at the Bureau of Standards gage laboratory.  
(Former number B513)
- Information regarding organization and character of work, facilities and services available, gage testing fees, etc.
- LC 17      Drawings and explanation of drawings used in manufacture of pitch testing device.  
(Former number B514)
- Includes list of parts which may be purchased in the open market, detailed and assembly drawings, and notes pertaining to the construction and use of the pitch testing device. This communication should be requested only when it is the intention to construct the apparatus, as otherwise the information included is of little use. The supply is very limited.
- LC 18      Important European screw thread systems and dimensions of bolt and screw heads and nuts.
- A collection of data appertaining to the five British, the International, French standard, and Loewenherz screw thread systems, and standard dimensions of bolt and screw heads and nuts in use in various European countries.
- LC 20      The measurement of radii on profile gages.  
(Former number B519)
- A presentation of methods used for determining the radii and positions of centers of curvature of arcs on profile gages.
- LC 21      The micrometer microscope and its uses in gage inspection.  
(Former number B521)
- Includes a description of the micrometer microscope and of correct methods of manipulation in its use, and the enumeration of its applications on measuring machines and in gage inspection.



Letter  
Circular

Title

LC 22      The measurement of taper gages.  
            (Former number B522)

Presents methods of measuring simple and complex taper gages, and formulas used in computing dimensions of tapers.

LC 23      Measurement of pitch diameter of screw thread gages.

A resumé of the methods used for the measurement of pitch diameter of screw thread gages and a complete discussion of the "three-wire" method, including formulas, tables of wire sizes, and diagrams.

LC 24      Standard thicknesses of sheet metal.

Contains the principal sheet metal gages used in the United States or foreign countries; also, the available information with regard to manufacturing tolerances adopted by technical societies and manufacturers' associations, or used by leading manufacturers.

LC 108     Lead errors in commercial screw threads, taps, and dies.

Discusses the magnitude of lead errors permissible in commercial threaded product; the control of accuracy of lead by the prevailing methods of inspection, and accurate control of lead of commercial threading tools; presents recommended lead tolerances for threading tools; and suggests a practical method of inspecting the dimensions of the thread of a tap.

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