

| Number of gauge | Approximate thickness in fractions of an inch | Approximate thickness in decimal parts of an inch | Approximate thickness in millimeters | Weight per square foot in ounces avoirdupois | Weight per square foot in pounds avoirdupois | Weight per square foot in kilograms | Weight per square meter in kilograms | Weight per square meter in pounds avoirdupois |
|-----------------|---|---|--------------------------------------|--|--|-------------------------------------|--------------------------------------|---|
| 13              | 3/32  | .09375  | 2.38125                              | 60   | 3.75   | 1.701                               | 18.31                                | 40.36   |
| 14              | 5/64  | .078125   | 1.984375                             | 50   | 3.125  | 1.417                               | 15.26                                | 33.64   |
| 15              | 9/128   | .0703125  | 1.7859375                            | 45   | 2.8125                                       | 1.276                               | 13.73                                | 30.27   |
| 16              | 1/16  | .0625   | 1.5875                               | 40   | 2.5  | 1.134                               | 12.21                                | 26.91   |
| 17              | 9/160   | .05625  | 1.42875                              | 36   | 2.25   | 1.021                               | 10.99                                | 24.22   |
| 18              | 1/20  | .05   | 1.27                                 | 32   | 2  | .9072                               | 9.765                                | 21.53   |
| 19              | 7/160   | .04375  | 1.11125                              | 28   | 1.75   | .7938                               | 8.544                                | 18.84   |
| 20              | 3/80  | .0375   | .9525                                | 24   | 1.50   | .6804                               | 7.324                                | 16.15   |
| 21              | 11/320  | .034375   | .873125                              | 22   | 1.375  | .6237                               | 6.713                                | 14.80   |
| 22              | 1/32  | .03125  | .793750                              | 20   | 1.25   | .567                                | 6.103                                | 13.46   |
| 23              | 9/320   | .028125   | .714375                              | 18   | 1.125  | .5103                               | 5.493                                | 12.11   |
| 24              | 1/40  | .025  | .635                                 | 16   | 1  | .4536                               | 4.882                                | 10.76   |
| 25              | 7/320   | .021875   | .555625                              | 14   | .875   | .3969                               | 4.272                                | 9.42  |
| 26              | 3/160   | .01875  | .47625                               | 12   | .75  | .3402                               | 3.662                                | 8.07  |
| 27              | 11/640  | .0171875  | .4365625                             | 11   | .6875  | .3119                               | 3.357                                | 7.40  |
| 28              | 1/64  | .015625   | .396875                              | 10   | .625   | .2835                               | 3.052                                | 6.73  |
| 29              | 9/640   | .0140625  | .3571875                             | 9  | .5625  | .2551                               | 2.746                                | 6.05  |
| 30              | 1/80  | .0125   | .3175                                | 8  | .5   | .2268                               | 2.441                                | 5.38  |
| 31              | 7/640   | .0109375  | .2778125                             | 7  | .4375  | .1984                               | 2.136                                | 4.71  |
| 32              | 13/1280                                       | .01015625   | .25796875                            | 6½   | .40625                                       | .1843                               | 1.983                                | 4.37  |
| 33              | 3/320   | .009375   | .238125                              | 6  | .375   | .1701                               | 1.831                                | 4.04  |
| 34              | 11/1280                                       | .00859375   | .21828125                            | 5½   | .34375                                       | .1559                               | 1.678                                | 3.70  |
| 35              | 5/640   | .0078125  | .1984375                             | 5  | .3125  | .1417                               | 1.526                                | 3.36  |
| 36              | 9/1280  | .00703125   | .17859375                            | 4½   | .28125                                       | .1276                               | 1.373                                | 3.03  |
| 37              | 17/2560                                       | .006640625  | .168671875                           | 4¼   | .265625                                      | .1205                               | 1.297                                | 2.87  |
| 38              | 1/160   | .00625  | .15875                               | 4  | .25  | .1134                               | 1.221                                | 2.69  |

The same and no other shall be used in determining duties and taxes levied by the United States of America on sheet and plate iron and steel. But this subchapter shall not be construed to increase duties upon any articles which may be imported.

(Mar. 3, 1893, ch. 221, § 1, 27 Stat. 746.)

REFERENCES IN TEXT

This subchapter, referred to in text, was in the original "this act", meaning act Mar. 3, 1893, ch. 221, 27 Stat. 746, which is classified to sections 206 to 208 of this title.

**§ 207. Preparation of standards by Secretary of Commerce**

The Secretary of Commerce is authorized and required to prepare suitable standards in accordance with section 206 of this title.

(Mar. 3, 1893, ch. 221, § 2, 27 Stat. 746; Feb. 14, 1903, ch. 552, § 10, 32 Stat. 829; Mar. 4, 1913, ch. 141, § 1, 37 Stat. 736.)

CHANGE OF NAME

Act Mar. 4, 1913, created Department of Labor, and re-named Department of Commerce and Labor as Department of Commerce.

TRANSFER OF FUNCTIONS

Act Feb. 14, 1903, transferred National Bureau of Standards from Treasury Department to Department of Commerce and Labor.

**§ 208. Variations**

In the practical use and application of the standard gauge established<sup>1</sup> in section 206 of this title a variation of 2½ percent, either way may be allowed.

(Mar. 3, 1893, ch. 221, § 3, 27 Stat. 746.)

SUBCHAPTER IV—SCREW THREADS

**§§ 208a to 212. Repealed. Pub. L. 89-554, § 8(a), Sept. 6, 1966, 80 Stat. 644, 646**

Sections, acts July 18, 1918, ch. 156, §§1-5, 40 Stat. 912, 913; Mar. 3, 1919, ch. 96, 40 Stat. 1291; Apr. 16, 1926, ch.

<sup>1</sup> So in original. Probably should be "established".

148, 44 Stat. 297, created Commission for the Standardization of Screw Threads and provided for composition of Commission, its duties, and pay.

SUBCHAPTER V—STANDARDS OF ELECTRICITY

**§§ 221, 222. Repealed. July 21, 1950, ch. 484, § 13, 64 Stat. 370**

Sections, act July 12, 1894, ch. 131, §§1, 2, 28 Stat. 101, 102, related to units of electrical measure.

**§§ 223, 224. Repealed. Pub. L. 110-69, title III, § 3013(c)(2), Aug. 9, 2007, 121 Stat. 598**

Section 223, acts July 21, 1950, ch. 484, §§1-11, 64 Stat. 369; Pub. L. 88-165, Nov. 4, 1963, 77 Stat. 299, related to units of electrical measure.

Section 224, act July 21, 1950, ch. 484, §12, 64 Stat. 370, related to establishment of values of primary electric and photometric units in absolute measure and legal values for those units.

SUBCHAPTER VI—STANDARD BARRELS

**§ 231. Standard barrel for apples; steel barrels**

The standard barrel for apples shall be of the following dimensions when measured without distention of its parts: Length of stave, twenty-eight and one-half inches; diameter of head, seventeen and one-eighth inches; distance between heads, twenty-six inches; circumference of bulge, sixty-four inches outside measurement, representing as nearly as possible seven thousand and fifty-six cubic inches: *Provided*, That steel barrels containing the interior dimensions provided for in this section shall be construed as a compliance therewith.

(Aug. 3, 1912, ch. 273, § 1, 37 Stat. 250.)

**§ 232. Barrels below standard; marking**

All barrels packed with apples shall be deemed to be below standard if the barrel bears any statement, design, or device indicating that the barrel is a standard barrel of apples, as defined in section 231 of this title, and the capacity of the barrel is less than the capacity prescribed by said section, unless the barrel shall be plainly marked on end and side with words or figures showing the fractional relation which the actual