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Open

Gauge chart galvanized sheet metal



| STAINLESS STEEL | | ALUMINUM | | COPPER | | BRASS | |
|-----------------|-----------|----------|-----------|--------|-----------|-------|-----------|
| GAUGE | THICKNESS | GAUGE | THICKNESS | GAUGE | THICKNESS | GAUGE | THICKNESS |
| 28 | 0.015" | 22 | 0.025" | 36 | 0.005" | 30 | 0.010" |
| 26 | 0.018" | 20 | 0.032" | 31 | 0.011" | 28 | 0.013" |
| 24 | 0.024" | 18 | 0.040" | 28 | 0.014" | 26 | 0.016" |
| 22 | 0.030" | 16 | 0.050" | 27 | 0.016" | 24 | 0.020" |
| 20 | 0.036" | 14 | 0.064" | 24 | 0.022" | 22 | 0.025" |
| 18 | 0.048" | 12 | 0.080" | 22 | 0.027" | 20 | 0.032" |
| 16 | 0.060" | 11 | 0.090" | 21 | 0.032" | 18 | 0.040" |
| 14 | 0.075" | 10 | 0.100" | 19 | 0.043" | 16 | 0.050" |
| 12 | 0.105" | 9 | 0.114" | 18 | 0.049" | 14 | 0.064" |
| 11 | 0.120" | 8 | 0.129" | 16 | 0.065" | 12 | 0.081" |
| 10 | 0.134" | | | 15 | 0.075" | 11 | 0.090" |
| 8 | 0.160" | | | 14 | 0.086" | | |
| 7 | 0.187" | | | 13 | 0.093" | | |
| | | | | 12 | 0.108" | | |
| | | | | 10 | 0.125" | | |

NOTE: There is no official gauge standard for aluminum.
.250" & thicker is plate.

.188" & thicker is plate

.125" & thicker is plate

Decimal Equivalent Chart

| FRACTION | DECIMAL | | MM | | WIRE | DECIMAL | MM | |
|----------|-------------------------------|------------------------------------|--------|---------|-------|---------|-------|-------|
| | FRACTION EQUIVALENT IN INCHES | FRACTION EQUIVALENT IN MILLIMETERS | INCHES | DECIMAL | | | | |
| 1/64 | .015625 | .397 | 1 | 2280 | 5.731 | .41 | .0963 | 2.438 |
| 1/32 | .031250 | .794 | 2 | 2210 | 5.613 | .42 | .0935 | 2.375 |
| 3/64 | .046875 | 1.191 | 3 | 2130 | 5.410 | .43 | .0903 | 2.261 |
| 1/16 | .062500 | 1.588 | 4 | 2090 | 5.339 | .44 | .0880 | 2.184 |
| 5/64 | .078125 | 1.984 | 5 | 2050 | 5.220 | .45 | .0863 | 2.083 |
| 3/32 | .093750 | 2.381 | 6 | 2040 | 5.182 | .46 | .0843 | 2.057 |
| 7/64 | .109375 | 2.778 | 7 | 2010 | 5.125 | .47 | .0825 | 1.994 |
| 1/8 | .125000 | 3.175 | 8 | 1990 | 5.095 | .48 | .0810 | 1.933 |
| 9/64 | .140625 | 3.472 | 9 | 1960 | 5.073 | .49 | .0793 | 1.854 |
| 5/32 | .156250 | 3.869 | 10 | 1930 | 5.015 | .50 | .0780 | 1.778 |
| 11/64 | .171875 | 4.266 | 11 | 1910 | 4.851 | .51 | .0773 | 1.722 |
| 3/16 | .187500 | 4.763 | 12 | 1890 | 4.801 | .52 | .0765 | 1.613 |
| 13/64 | .203125 | 5.159 | 13 | 1850 | 4.699 | .53 | .0755 | 1.511 |
| 1/16 | .250000 | 6.350 | 14 | 1820 | 4.623 | .54 | .0750 | 1.397 |
| 13/64 | .265625 | 6.747 | 15 | 1800 | 4.573 | .55 | .0743 | 1.321 |
| 9/32 | .281250 | 7.144 | 16 | 1770 | 4.495 | .56 | .0745 | 1.185 |
| 15/64 | .296875 | 7.541 | 17 | 1750 | 4.394 | .57 | .0740 | 1.062 |
| 5/16 | .312500 | 7.938 | 18 | 1690 | 4.305 | .58 | .0740 | 1.067 |
| 21/64 | .328125 | 8.334 | 19 | 1660 | 4.279 | .59 | .0743 | 1.041 |
| 11/32 | .343750 | 8.731 | 20 | 1610 | 4.089 | .60 | .0740 | 1.015 |
| 3/8 | .375000 | 9.525 | 21 | 1590 | 4.009 | .61 | .0740 | .991 |
| 25/64 | .390625 | 9.922 | 22 | 1570 | 3.989 | .62 | .0740 | .965 |
| 13/32 | .406250 | 10.319 | 23 | 1540 | 3.912 | .63 | .0740 | .949 |
| 27/64 | .421875 | 10.716 | 24 | 1520 | 3.861 | .64 | .0740 | .914 |
| 7/16 | .437500 | 11.113 | 25 | 1490 | 3.797 | .65 | .0740 | .889 |
| 29/64 | .453125 | 11.509 | 26 | 1470 | 3.734 | .66 | .0740 | .865 |
| 15/32 | .468750 | 11.896 | 27 | 1440 | 3.656 | .67 | .0740 | .813 |
| 31/64 | .484375 | 12.303 | 28 | 1400 | 3.589 | .68 | .0740 | .787 |
| 1/2 | .500000 | 12.700 | 29 | 1360 | 3.454 | .69 | .0740 | .742 |
| 33/64 | .515625 | 13.097 | 30 | 1340 | 3.384 | .70 | .0740 | .711 |
| 17/32 | .531250 | 13.494 | 31 | 1300 | 3.308 | .71 | .0740 | .689 |
| 35/64 | .546875 | 13.891 | 32 | 1160 | 2.945 | .72 | .0750 | .635 |
| 9/16 | .562500 | 14.288 | 33 | 1130 | 2.870 | .73 | .0740 | .610 |
| 37/64 | .578125 | 14.684 | 34 | 1110 | 2.819 | .74 | .0740 | .572 |
| 19/32 | .593750 | 15.081 | 35 | 1100 | 2.734 | .75 | .0740 | .533 |
| 39/64 | .609375 | 15.478 | 36 | 1060 | 2.705 | .76 | .0740 | .508 |
| 5/8 | .625000 | 15.875 | 37 | 1040 | 2.642 | .77 | .0740 | .457 |
| 41/64 | .640625 | 16.272 | 38 | 1010 | 2.578 | .78 | .0740 | .406 |
| 21/32 | .656250 | 16.669 | 39 | 990 | 2.527 | .79 | .0740 | .369 |
| 11/16 | .671875 | 17.066 | 40 | 980 | 2.489 | .80 | .0740 | .343 |
| 43/64 | .687500 | 17.463 | | | | | | |
| 23/32 | .703125 | 17.859 | | | | | | |
| 47/64 | .718750 | 18.256 | | | | | | |
| 3/4 | .750000 | 18.653 | | | | | | |
| 49/64 | .765625 | 19.050 | | | | | | |
| 15/32 | .781250 | 19.447 | | | | | | |
| 51/64 | .796875 | 19.844 | | | | | | |
| 13/16 | .812500 | 20.638 | | | | | | |
| 53/64 | .828125 | 21.034 | | | | | | |
| 21/32 | .843750 | 21.431 | | | | | | |
| 55/64 | .859375 | 21.828 | | | | | | |
| 7/8 | .875000 | 22.225 | | | | | | |
| 57/64 | .890625 | 22.622 | | | | | | |
| 79/64 | .906250 | 23.019 | | | | | | |
| 59/64 | .921875 | 23.416 | | | | | | |
| 15/16 | .937500 | 23.813 | | | | | | |
| 61/64 | .953125 | 24.209 | | | | | | |
| 31/32 | .968750 | 24.606 | | | | | | |
| 63/64 | .984375 | 25.003 | | | | | | |
| 1 | 1.000000 | 25.400 | | | | | | |

| LETTER | DECIMAL | MM | LETTER | DECIMAL | MM |
|--------|---------|-------|--------|---------|--------|
| A | .234 | 5.944 | N | .392 | 10.671 |
| B | .238 | 6.045 | O | .395 | 10.026 |
| C | .242 | 6.147 | P | .399 | 9.204 |
| D | .246 | 6.248 | Q | .392 | 8.433 |
| E | .250 | 6.350 | R | .399 | 8.611 |
| F | .257 | 6.526 | S | .345 | 8.839 |
| G | .261 | 6.629 | T | .358 | 9.063 |
| H | .268 | 6.756 | U | .368 | 9.347 |
| I | .272 | 6.999 | V | .377 | 9.575 |
| J | .277 | 7.036 | W | .386 | 9.804 |
| K | .281 | 7.137 | X | .397 | 10.064 |
| L | .293 | 7.366 | Y | .434 | 10.262 |
| M | .299 | 7.493 | Z | .413 | 10.495 |

| Standard Stud Size | Screw Diameter (in.) | Hole Diameter (mm) |
|--------------------|----------------------|--------------------|
| • #0 | .060 (1.52 mm) | |
| • #1 | .073 (1.83 mm) | 0.094 (2.39 mm) |
| • #2 | .086 (2.18 mm) | |
| • #3 | .099 (2.51 mm) | 0.120 (3.05 mm) |
| • #4 | .112 (2.85 mm) | |
| • #5 | .125 (3.18 mm) | 0.146 (3.71 mm) |
| • #6 | .138 (3.50 mm) | |
| • #8 | .164 (4.17 mm) | 0.173 (4.39 mm) |
| • #10 | .190 (4.83 mm) | 0.198 (5.03 mm) |
| • #12 | .216 (5.50 mm) | |
| • #14 | .242 (6.15 mm) | 17/64 (6.75 mm) |
| 1/4" (6.35 mm) | .250 (6.35 mm) | |
| 5/16" (7.93 mm) | .312 (7.93 mm) | 21/64 (8.33 mm) |
| 3/8" (9.53 mm) | .375 (9.53 mm) | 25/64 (9.92 mm) |
| 7/16" (11.1 mm) | .437 (11.10 mm) | 29/64 (11.51 mm) |
| 1/2" (12.70 mm) | .500 (12.70 mm) | 33/64 (13.10 mm) |
| 5/8" (15.90 mm) | .625 (15.90 mm) | 21/32 (16.70 mm) |
| 3/4" (19.10 mm) | .750 (19.10 mm) | 25/32 (19.80 mm) |
| 7/8" (22.23 mm) | .875 (22.23 mm) | 29/32 (23.03 mm) |
| 1" (25.40 mm) | 1.000 (25.40 mm) | 1-1/32 (25.43 mm) |

| Gauge | GAUGE AND WEIGHT CHART FOR SHEET STEEL, GALVANIZED STEEL, STAINLESS STEEL, ALUMINUM AND STEP & TUBING | | | | | |
|-------|---|----------------------------------|---------------------------------------|--------------------------------------|-------------------------------|------------------------------------|
| | US Standard Gauge (inches) | Sheet Steel Gauge (inches) | Galvanized Steel Gauge (inches) | Stainless Steel Gauge (inches) | Aluminum Gauge (inches) | Step & Tubing Gauge (inches) |
| 44 | 0.0047 | | | | | |
| 43 | 0.0049 | | | | | |
| 42 | 0.0051 | | | | | |
| 41 | 0.0053 | | | | | |
| 40 | 0.0055 | | | | | |
| 39 | 0.0059 | | | | | |
| 38 | 0.0063 0.0066 | | 0.0062 | 0.0049 | | |
| 37 | 0.0066 0.0064 | | 0.0064 | 0.0045 | | |
| 36 | 0.0069 0.0067 | | 0.0067 | 0.0050 | 0.004 | |
| 35 | 0.0078 0.0075 | | 0.0078 | 0.0056 | 0.005 | |
| 34 | 0.0086 0.0082 | | 0.0086 | 0.0063 | 0.007 | |
| 33 | 0.0094 0.0090 | | 0.0094 | 0.0071 | 0.008 | |
| 32 | 0.0102 0.0097 | | 0.0102 | 0.0080 | 0.009 | |
| 31 | 0.0109 0.0105 | | 0.0109 | 0.0089 | 0.010 | |
| 30 | 0.0125 0.0120 | 0.500 0.016 | 0.656 0.0125 | 0.0100 | 0.141 0.012 | |
| 29 | 0.0141 0.0135 | 0.563 0.017 | 0.719 0.0141 | 0.0113 | 0.160 0.013 | |
| 28 | 0.0159 0.0152 | 0.625 0.018 | 0.801 0.0159 | 0.0126 | 0.178 0.014 | |
| 27 | 0.0172 0.0164 | 0.688 0.020 | 0.844 0.0172 | 0.0142 | 0.200 0.016 | |
| 26 | 0.0188 0.0179 | 0.750 0.022 | 0.906 0.0187 | 0.756 0.0159 | 0.224 0.018 | |
| 25 | 0.0219 0.0209 | 0.875 0.025 | 1.031 0.0219 | 0.0179 | 0.253 0.020 | |
| 24 | 0.0250 0.0239 | 1.000 0.028 | 1.156 0.0259 | 1.008 0.0201 | 0.284 0.022 | |
| 23 | 0.0281 0.0269 | 1.125 0.031 | 1.281 0.0281 | 0.0226 | 0.319 0.025 | |
| 22 | 0.0313 0.0299 | 1.250 0.034 | 1.406 0.0312 | 1.26 0.0253 | 0.357 0.028 | |
| 21 | 0.0345 0.0329 | 1.375 0.037 | 1.541 0.0342 | 1.375 0.0282 | 0.395 0.032 | |
| 20 | 0.0375 0.0359 | 1.500 0.040 | 1.656 0.0375 | 1.512 0.0329 | 0.425 0.035 | |
| 19 | 0.0418 0.0413 | 1.750 0.046 | 1.906 0.0417 | 0.0359 | 0.507 0.042 | |
| 18 | 0.0500 0.0478 | 2.000 0.052 | 2.156 0.050 | 2.016 0.0403 | 0.569 0.049 | |
| 17 | 0.0563 0.0538 | 2.250 0.058 | 2.406 0.0562 | 0.0453 | 0.639 0.058 | |
| 16 | 0.0625 0.0598 | 2.500 0.064 | 2.656 0.0625 | 2.52 0.0508 | 0.717 0.065 | |
| 15 | 0.0703 0.0673 | 2.813 0.071 | 2.969 0.0703 | 0.0571 | 0.806 0.072 | |

Galvanized sheet metal gauge thickness chart. Galvanized steel sheet metal gauge chart.

Noitacol eht niopnippot n sresal fo esu eht htiw, dna yaw emas eht detaerc si kcart pot ehT .qnimusnoc emit dna evisnepxe osla si ti tub, evitceffe si dohjem sihT .emit dna ytivitcudorp fo ssol yna tneverp liiw sihT .etis bew rieht no " noicurtsnoC emarF leetS o ediuG sA Á Á c reffo ecnallA qnimarF leetS ehT .wodniw a fo esac eht ni woleb ro evoba tbh eht qmriugre daetsn, bmaj wodniw ro idu tniaj o raf wola ton id screifcips dna STCETIHCR A YNAM .THGIEH LLIS RO DAEH TCERROC EHT TA DENETS AF DNA SUDTS BMMMAJ LACITREV EHT DETTIF NEHT SI Á c RO, EOHS, PAC DEPHAS-U SIHT EHT OT denetsaf swyla si redils eht, sduts eht to noicirid tuoyal eht fo seeldrageR, fuoyal no llawryd peek of eb deen fi du ts eht eht wercsan of regnah llawryd eht swolla dna noicurtsnoC mi-hgour qmridr elcap si duts eht speek, evitcudorp erom si EDIS ENO DU TUTE EHT GNIRUCES .SREBEMM GNIMARF LEETS LARUCURTSNOD ROF NOTTACIFICE p5 546C MTS A. "ta eb llw stnijoi dlf, yllacarqf or laicrempc eht steejcorp laicrempc mscn i ecn5". 4 erugif eeT (kcart sih fo sgel lacitrev eht of dehcatta eb ton tsum llawryd eht, llaw eht gniganad tuohitucco ro noictefcl rof: etoN .evoba erutcs of derucus dna kcart pot eht of dehcatta eb tsuun qmnicarb lanogaid dohitem sit htW .meht rof tsb krow taht seujinhet eht dnif yllareneg ohw srteunprac qmimarf deeneprac eht of elbalavia era taht slood dna, stcudorp, secicarp qmimarf rehto ynam emerhT .edis drah eht no stiop elbaevon dna stu feiner denimreted-erp sah kcart-xelf defcutafunamerp eht yadoT .devcru eb of tifos a fo egde edistuo eht swolla tath tcdorpf elgna a detacera osla evah kcart-xelf depolede tht crerutcafanum emas ehT .5 Erugif NI NWOHS SA RENROC EERGED 09 ERUCES A GNITAERC ECALP NI DEWERCS DNA, LLAWYRD GNISSAPYB EHT Ni Duts EH DNA LLAW any shape is attainable. Metal frame components specified in this specification are limited to those conforming to the ASTM C645 standard specified above. They are, however, designed to carry the dead load of many typical wall finishes, such as gypsum panels, plaster works, or similar finishes, and to provide resistance to normal transverse loads. Headers and wings in non-carrying positions are simply manufactured by cutting a piece of track from 6Á" to 12Á" longer than the opening. In addition to this acronym, other sets of numbers are used to identify specific members of the frame, as shown in the gallery below. Useful tip: keep the slider back about one centimeter and temporarily secure it in place to prevent it from falling; the drywall crew will unscrew and slide the pin into place. The following sections include best practices that apply to light metal structure. Creating a radius is a simple matter of following the cap line and attaching to the floor. Zinc is offered in 0.7 mm and 0.8 mm with a rough finish. Other colours, materials and thickness are available on request. It becomes important at this early stage of a project to measure the building to accuracy, or at least be very close to the drawings. Drawings the vertical studs is a quick and simple operation that seems to magically change the character of the project. Other Common Components Deflection tracks, headers and windowsills, and sliders are some of the many construction elements common to the metal stud structure. The sliding device or sliding track method consists of a two-piece track system. Lead-coated copper is available in 16 oz. System description American Society for Testing and Materials (ASTM): ASTM E653 standard specification for steel sheet, galvanized (galvannealed) or zinc-iron alloy coated (galvannealed) by the hot dip process. Logically, the track will be installed at the top of the head and at the bottom of the window to accept the framing stud infill. The dry wall accessed On the other hand, the stallion is fixed to the tracks during installation. In the center. After establishing the layout, fit the lower track with the appropriate fasteners. When starting to trace the lower track to receive studs, an important element to consider is where the drywall breaks. For example, accordion style tracks are available that have a built-in fold and have a deep leg track with screw slots that allow a movement up / down as well as clips that stick to studs and traces to provide movement. In Figure 2, note the horizontal metal belt for the future fixing of the kitchen wall cabinets. In this practice, the drywall slides 90 degrees. The spacing of the center-center stallion for typical internal applications will be 12", 16", or 24". The vertical frame is a process in three phases. If more than one contractor is Á c Á aeOFFA Á A Á or not Á c Á e Á Á quadrato, it is necessary to promptly make corrections, so as not to affect other raw crafts. A deformation track assembly is part of a construction assembly of Walls and is used to accommodate the expected vertical movement (deformation) of the structure without damaging the finish of walls and the system assembly. Mark all the positions of the doors and wall openings at this time. Other considerations in the selection process include The track of the wall finishes, if the wall finishes will be applied to one or on both sides and impact resistance requirements, if applicable. On large projects that involve a large number of openings of similar size (hotels, for example) Prefab doors lcase or window headers can increase productivity and provide cost savings. FT on a wall system with a steel framework as defined by ASTM C645. Depending on the wall, of one Demising wall straight or a short direction changing office wall, the first break pin may or may not be 4"-0". These steps may seem insignificant, but if they are not followed in advance and the work has to stop so that someone can otpispi aptmila aznetziser "Ap ereduehcr "Ap oculu oizaps oPA id enrethi iterap ,ecilop led elarneen alogr emo." - Á A. Arezina e "Arepmor is olig of omih i htiw aqf vortv ,tuoyal il erazaini rep ,aradatqf id iggajpique id rep adis and otseuQ .aritron id elouale omijr ill eraritg .re .elitit oitlalocqf id elarneen alogr amit qmridr elcapcoppa ,otseuQ .ortedim israelip e ,abmag artia'l erailgat , Atredid oitllocte nioh eranges ,orud otal ls orevarrtta ofaredised enoisemnid aliotedrauqf amit eralqatqf ,orud otal ls orfardauqf llis / enoizatsetni 'eratnram rep ,elitit otnemiregqf ,orudci atqecapccoppa ,otseuQ .ortedim israelip e ,abmag artia'l erailgat , Atredid oitllocte nioh eranges ,orud otal ls orevarrtta ofaredised enoisemnid aliotedrauqf amit eralqatqf ,orud otal ls orfardauqf llis / enoizatsetni 'eratnram rep ,elitit otnemiregqf ,orudci atqecapccoppa ,otseuQ .ortedim israelip e ,abmag artia'l erailgat , Atredid oitllocte nioh eranges ,orud otal ls orevarrtta ofaredised enoisemnid aliotedrauqf amit eralqatqf ,orud otal ls orfardauqf llis / enoizatsetni 'eratnram rep ,elitit otnemiregqf ,orudci 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