



Standard Wire & Cable Co.

Conversion Tables and Equivalencies

Fractional Inches & Millimeters

| Fractional | Decimal | MM |
|------------|----------|----|
| 1/64 | 0.015625 | |
| 1/32 | 0.03125 | |
| | 0.03937 | 1 |
| 3/64 | 0.046875 | |
| 1/16 | 0.0625 | |
| 5/64 | 0.078125 | |
| | 0.07874 | 2 |
| 3/32 | 0.09375 | |
| 7/64 | 0.109375 | |
| | 0.11811 | 3 |
| 1/8 | 0.125 | |
| 9/64 | 0.140625 | |
| 5/32 | 0.15625 | |
| | 0.15748 | 4 |
| 11/64 | 0.171875 | |
| 3/16 | 0.1875 | |
| | 0.19685 | 5 |
| 13/64 | 0.203125 | |
| 7/32 | 0.21875 | |
| 15/64 | 0.234375 | |
| | 0.23622 | 6 |
| 1/4 | 0.25 | |
| 17/64 | 0.265625 | |
| | 0.27559 | 7 |
| 9/32 | 0.28125 | |
| 19/64 | 0.296875 | |
| 5/16 | 0.3125 | |
| | 0.31496 | 8 |
| 21/64 | 0.328125 | |
| 11/32 | 0.34375 | |
| | 0.35433 | 9 |
| 23/64 | 0.359375 | |
| 3/8 | 0.375 | |
| 25/64 | 0.390625 | |
| | 0.3937 | 10 |
| 13/32 | 0.40625 | |
| 27/64 | 0.421875 | |
| | 0.43307 | 11 |
| 7/16 | 0.4375 | |
| 29/64 | 0.453125 | |
| 15/32 | 0.4875 | |
| | 0.47244 | 12 |
| 31/64 | 0.484375 | |
| 1/2 | 0.5 | |

| Fractional | Decimal | MM |
|------------|----------|----|
| 33/64 | 0.515625 | |
| | 0.51181 | 13 |
| 17/32 | 0.53125 | |
| 35/64 | 0.546875 | |
| | 0.55118 | 14 |
| 9/16 | 0.5625 | |
| 37/64 | 0.578125 | |
| | 0.59055 | 15 |
| 19/32 | 0.59375 | |
| 39/64 | 0.609375 | |
| 5/8 | 0.625 | |
| | 0.62992 | 16 |
| 41/64 | 0.640625 | |
| 21/32 | 0.65625 | |
| | 0.66929 | 17 |
| 43/64 | 0.671875 | |
| 11/16 | 0.6875 | |
| 45/64 | 0.703125 | |
| | 0.70866 | 18 |
| 23/32 | 0.71875 | |
| 47/64 | 0.734375 | |
| | 0.74803 | 19 |
| 3/4 | 0.75 | |
| 49/64 | 0.765626 | |
| 25/32 | 0.78125 | |
| | 0.7874 | 20 |
| 51/64 | 0.796875 | |
| 13/16 | 0.8175 | |
| | 0.82677 | 21 |
| 53/64 | 0.828125 | |
| 27/32 | 0.84375 | |
| 55/64 | 0.859375 | |
| | 0.86614 | 22 |
| 7/8 | 0.875 | |
| 57/64 | 0.890625 | |
| | 0.90551 | 23 |
| 29/32 | 0.90625 | |
| 59/64 | 0.921875 | |
| 15/16 | 0.9375 | |
| | 0.94488 | 24 |
| 61/64 | 0.953125 | |
| 31/32 | 0.96875 | |
| | 0.98425 | 25 |
| 63/64 | 0.984375 | |

Decimal Equivalents of Millimeters

| mm | in | mm | in |
|----|-----------|-----|-----------|
| 25 | 0.9842520 | 63 | 2.4803150 |
| 26 | 1.0236220 | 64 | 2.5196850 |
| 27 | 1.0629921 | 65 | 2.5590551 |
| 28 | 1.1023622 | 66 | 2.5984252 |
| 29 | 1.1417323 | 67 | 2.6377953 |
| 30 | 1.1811024 | 68 | 2.6771654 |
| 31 | 1.2204724 | 69 | 2.7165354 |
| 32 | 1.2598425 | 70 | 2.7559055 |
| 33 | 1.2992126 | 71 | 2.7952756 |
| 34 | 1.3385827 | 72 | 2.8346457 |
| 35 | 1.3779528 | 73 | 2.8740157 |
| 36 | 1.4173228 | 74 | 2.9133858 |
| 37 | 1.4566929 | 75 | 2.9527559 |
| 38 | 1.4960630 | 76 | 2.9921260 |
| 39 | 1.5354331 | 77 | 3.0314961 |
| 40 | 1.5748031 | 78 | 3.0708661 |
| 41 | 1.6141732 | 79 | 3.1102362 |
| 42 | 1.6535433 | 80 | 3.1496063 |
| 43 | 1.6929134 | 81 | 3.1889764 |
| 44 | 1.7322835 | 82 | 3.2283465 |
| 45 | 1.7716535 | 83 | 3.2677165 |
| 46 | 1.8110236 | 84 | 3.3070866 |
| 47 | 1.8503937 | 85 | 3.3464567 |
| 48 | 1.8897638 | 86 | 3.3858268 |
| 49 | 1.9291339 | 87 | 3.4251969 |
| 50 | 1.9685039 | 88 | 3.4645669 |
| 51 | 2.0078740 | 89 | 3.5039370 |
| 52 | 2.0472441 | 90 | 3.5433071 |
| 53 | 2.0866142 | 91 | 3.5826772 |
| 54 | 2.1259843 | 92 | 3.6220472 |
| 55 | 2.1653543 | 93 | 3.6614173 |
| 56 | 2.2047244 | 94 | 3.7007874 |
| 57 | 2.2440945 | 95 | 3.7401575 |
| 58 | 2.2834646 | 96 | 3.7795276 |
| 59 | 2.3228346 | 97 | 3.8188976 |
| 60 | 2.3622047 | 98 | 3.8582677 |
| 61 | 2.4015748 | 99 | 3.8976378 |
| 62 | 2.4409449 | 100 | 3.9370079 |

Area

| | | |
|--------------------|---|--------------------------|
| 1 square inch | = | 6.452 square centimeters |
| 1 square foot | = | 0.093 square meter |
| 1 square yard | = | 0.836 square meter |
| 1 acre | = | 0.405 hectare |
| 1 square mile | = | 2.59 square kilometers |
| 1 square kilometer | = | 0.386 square mile |
| 1 hectare | = | 2.471 acres |
| 1 square meter | = | 1.196 square yards |

Length

| | | |
|-----------------|---|---------------------|
| 1 inch | = | 2.54 centimeters |
| 1 foot | = | 0.305 meter |
| 1 yard | = | 0.914 meter |
| 1 mile | = | 1.609 kilometers |
| 1 nautical mile | = | 1.151 statute miles |
| 1 nautical mile | = | 1.852 kilometers |
| 1 meter | = | 1.094 yards |
| 1 kilometer | = | 0.621 mile |

Weight

| | | |
|------------|---|-------------------|
| 1 ounce | = | 28.35 grams |
| 1 pound | = | 0.454 kilogram |
| 1 long ton | = | 1.016 metric tons |
| 1 gram | = | 0.035 ounce |
| 1 kilogram | = | 2.205 pounds |

Volume

| | | |
|---------------|---|-------------------|
| 1 cubic inch | = | 16.387 cubic cm |
| 1 cubic foot | = | 0.028 cubic meter |
| 1 cubic yard | = | 0.765 cubic meter |
| 1 cubic meter | = | 1.308 cubic yards |

Rancho Dominguez

2050 E. Vista Bella Way, Rancho Dominguez, CA 90220
 (310) 609-1811 • (800) 326-0006 • FAX: (310) 609-1862
 E-Mail: salesrd@std-wire.com

Phoenix

3120 West Thomas Road, Bldg. #801, Phoenix, AZ 85017
 (602) 269-2501 • (800) 325-6478 • FAX: (602) 278-7134
 E-Mail: salesphx@std-wire.com