

| American or Brown & Sharp | Body Jewelry Millimeters Non-U.S. | Millimeter size | Inch | Birmingham or Stubs Gauge | French | British Imperial Standard S.W.G. | Washburn & Moen Gauge |
|---------------------------|-----------------------------------|-----------------|--------|---------------------------|--------|----------------------------------|-----------------------|
| 50 | | .02515 | .00099 | | | | |
| | | .0254 | .001 | | | 50 | |
| 49 | | .02819 | .00111 | | | | |
| | | .0305 | .0012 | | | 49 | |
| 48 | | .0315 | .00124 | | | | |
| 47 | | .03556 | .00140 | | | | |
| 46 | | .03988 | .00157 | | | | |
| | | .0406 | .0016 | | | 48 | |
| 45 | | .0447 | .00176 | | | | |
| 44 | | .05029 | .00198 | | | | |
| | | .0508 | .002 | | | 47 | |
| 43 | | .05639 | .00222 | | | | |
| | | .06096 | .0024 | | | 46 | |
| 42 | | .06325 | .00249 | | | | |
| 41 | | .07112 | .00280 | | | 45 | |
| 40 | | .07976 | .00314 | | | | |
| | | .08128 | .0032 | | | 44 | |
| 39 | | .00353 | .00353 | | | | |
| | | .09144 | .0036 | | | 43 | |
| 38 | | .10058 | .00396 | | | | |
| | | .1016 | .0040 | 36 | | 42 | |
| | | .11176 | .0044 | | | 41 | 50 |
| | | .11303 | .00445 | | | | |
| | | .11684 | .0046 | | | | 49 |
| 37 | | .11303 | .00445 | | | | |
| | | .11684 | .0046 | | | | 49 |
| | | .12192 | .0048 | | | 40 | 48 |
| 36 | | .127 | .0050 | 35 | | | 47 |
| | | .13208 | .0052 | | | 39 | 46 |
| | | .1397 | .0055 | | | | 45 |
| 35 | | .14249 | .00561 | | | | |
| | | .14732 | .0058 | | | | 44 |
| | | .1524 | .0060 | | | 38 | 43 |
| 34 | | .16002 | .00630 | | | | |
| | | .15748 | .0062 | | | | 42 |
| | | .16764 | .0066 | | | | 41 |
| | | .17272 | .0068 | | | 37 | |
| | | .1778 | .007 | 34 | | | |
| 33 | | .17831 | .00702 | | | | 40 |
| | | .1905 | .0075 | | | | 39 |
| | | .19304 | .0076 | | | 36 | |

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|---------------------------|-----------------------------------|-----------------|--------|---------------------------|--------|----------------------------------|-----------------------|
| 32 | | .20193 | .00795 | | | | |
| | | .2032 | .0080 | 33 | | | 38 |
| | | .21336 | .0084 | | | 35 | |
| | | .2159 | .0085 | | | | 37 |
| 31 | | .22657 | .00892 | | | | |
| | | .2286 | .0090 | 32 | | | 36 |
| | | .23368 | .0092 | | | 34 | |
| | | .2413 | .0095 | | | | 35 |
| 30 | | .2540 | .01002 | 31 | | 33 | |
| | | .26416 | .0104 | | | | 34 |
| | | .27432 | .0108 | | | 32 | |
| 29 | | .28575 | .01125 | | | | |
| | | .29464 | .0116 | | | 31 | |
| | | .29972 | .0118 | | | | 33 |
| | | .3048 | .0120 | 30 | | | |
| | | .31496 | .0124 | | | 30 | |
| 28 | | .32106 | .01264 | | | | |
| | | .3302 | .0130 | 29 | | | |
| | | .33528 | .0132 | | | | 31 |
| | | .34544 | .0136 | | | 29 | |
| | | .35560 | .0140 | 28 | | | 30 |
| 27 | | .36043 | .01419 | | | | |
| | | .37592 | .0148 | | | 28 | |
| | | .381 | .0150 | | | | 29 |
| 26 | | .40488 | .01594 | | | | |
| | | .4064 | .0160 | 27 | | | |
| | | .41148 | .0162 | | | | 28 |
| | | .41656 | .0164 | | | 27 | |
| | | .43942 | .0173 | | | | 27 |
| 25 | | .45466 | .0179 | | | | |
| | | .4572 | .0180 | 26 | | 26 | |
| | | .4597 | .0181 | | | | 26 |
| | | .5000 | .0197 | | | | |
| | | .508 | .0200 | | | 25 | |
| 24 | | .51054 | .0201 | 25 | | | |
| | | .5182 | .0204 | | | | 25 |
| | | .55880 | .0220 | | | 24 | |
| 23 | | .57328 | .02257 | | | | |
| | | .5842 | .0230 | | | | 24 |
| | | .60960 | .0240 | | | 23 | |
| | | .6350 | .0250 | 23 | | | |
| 22 | | .64364 | .02534 | | | | |

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|---------------------------|-----------------------------------|-----------------|---------------|---------------------------|--------|----------------------------------|-----------------------|
| | | .6502 | .0256 | | | | |
| | | .6553 | .0258 | | | | 23 |
| | | .7112 | .0280 | 22 | | 22 | |
| 21 | | .72288 | .02846 | | | | |
| | | .7264 | .0286 | | | | 22 |
| 20 | | .78892 | .03106 | | | | |
| | | .7925 | 1/32 .0312 | | | | |
| | | .8000 | .0315 | | | | |
| | | .80518 | .0317 | | | | 21 |
| | | .8128 | .0320 | 21 | | 21 | |
| | | .8839 | .0348 | | | | 20 |
| | | .8890 | .0350 | 20 | | | |
| | | .9042 | .0356 | | | | |
| 19 | | .91161 | .03589 | | | | |
| | | .9144 | .036 | | | 20 | |
| | 1 | 1 | .0394 | | 3 0 | | |
| | | 1.016 | .04 | | | 19 | |
| 18 | | 1.02362 | .0403 | | | | |
| | | 1.0414 | .041 | | | | 19 |
| | | 1.0668 | .042 | 19 | | | |
| 17 | | 1.14935 | .04525 | | | | |
| | | 1.1887 | 3/64 .0468 | | | | |
| | 1.2 | 1.2 | .0472 | | | | |
| | | 1.2065 | .0475 | | | | 18 |
| | | 1.2192 | .0480 | | | 18 | |
| | | 1.2446 | .0490 | 18 | | | |
| 16 | | 1.29083 | .05082 | | | | |
| | | 1.3564 | .0534 | | 4 0 | | |
| | | 1.3716 | .0540 | | | | 17 |
| | | 1.4224 | .0560 | | | 17 | |
| 15 | | 1.44932 | .05706 | | | | |
| | | 1.4732 | .0580 | 17 | | | |
| | | 1.5000 | .0591 | | | | |
| | | 1.5875 | 1/16 .0625 | | | | 16 |
| | 1.6 | 1.6000 | .0630 | | | | |
| 14 | | 1.62712 | .06406 | | | 16 | |
| | | 1.6510 | .0650 | 16 | | | |
| | | 1.67 | .066 | | 5 0 | | |
| 13 | | 1.82753 | .07196 | | | | |

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|---------------------------|-----------------------------------|-----------------|----------------|---------------------------|--------|----------------------------------|-----------------------|
| | | 1.8228 | .0720 | 15 | | 15 | 15 |
| | | 1.9837 | 5/64 .0781 | | | | |
| | 2 | 2.0000 | .0787 | | 6 0 | | |
| | | 2.0320 | .0800 | | | 14 | 14 |
| 12 | | 2.05232 | .0808 | | | | |
| | | 2.1082 | .0830 | 14 | | | |
| 11 | | 2.3048 | .09074 | | 7 0 | | |
| | | 2.3241 | .0915 | | | | 13 |
| | | 2.3368 | .0920 | | | 13 | |
| | | 2.3825 | 3/32 .0938 | | | | |
| | 2.4 | 2.4000 | .0945 | | | | |
| | | 2.4130 | .0950 | 13 | | | |
| | | 2.5000 | .0984 | | | | |
| 10 | | 2.58801 | .10189 | | | | |
| | | 2.6340 | .1037 | | | | |
| | | 2.6416 | .1040 | | | 12 | |
| | | 2.6797 | .1055 | | | | 12 |
| | | 2.7 | .1063 | | 8 0 | | |
| | | 2.7686 | .1090 | 12 | | | |
| | | 2.780 | 7/64 .10937 | | | | |
| 9 | | 2.90652 | .11443 | | | | |
| | | 2.9134 | .1147 | | | | |
| | | 2.9464 | .1160 | | | 11 | |
| | | 3.0000 | .1181 | | 9 0 | | |
| | | 3.0480 | .1200 | 11 | | | |
| | | 3.0607 | .1205 | | | | 11 |
| | | 3.1750 | 1/8 .125 | | | | |
| | 3.2 | 3.2000 | .1260 | | | | |
| | | 3.2512 | .1280 | | | 10 | |
| 8 | | 3.26365 | .12849 | | | | |
| | | 3.3 | .1299 | | 10 | | |
| | | 3.4036 | .134 | 10 | | | |
| | | 3.4290 | .1350 | | | | 10 |
| | | 3.5712 | 9/64 .1406 | | | | |
| | | 3.6576 | .1440 | | | 9 | |
| 7 | | 3.66471 | .14428 | | | | |
| | | 3.7 | .1457 | | 11 | | |

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|---------------------------|-----------------------------------|-----------------|----------------|---------------------------|--------|----------------------------------|-----------------------|
| | | 3.7592 | .148 | 9 | | | |
| | | 3.7668 | .1483 | | | | 9 |
| | | 3.97 | 5/32 .1563 | | | | |
| | 4 | 4 | .1575 | | 12 | | |
| | | 4.064 | .1600 | | | 8 | |
| 6 | | 4.1148 | .16202 | | | | 8 |
| | | 4.1910 | .165 | 8 | | | |
| | | 4.3 | .1693 | | 13 | | |
| | | 4.366 | 11/64 .1719 | | | | |
| | | 4.4704 | .1760 | | | 7 | |
| | | 4.3663 | .1770 | | | | 7 |
| | | 4.5720 | .1800 | 7 | | | |
| 5 | | 4.62128 | .18194 | | | | |
| | | 4.7 | .1850 | | 14 | | |
| | | 4.7625 | 3/16 .1875 | | | | |
| | | 4.8768 | .1920 | | | 6 | 6 |
| | 5 | 5.0000 | .1969 | | 15 | | |
| | | 5.1562 | .2030 | 6 | | | |
| 4 | | 5.18947 | .20431 | | | | |
| | | 5.2578 | .2070 | | | | 5 |
| | | 5.3 | .2087 | | 16 | | |
| | | 5.3848 | .2120 | | | 5 | |
| | | 5.5575 | 7/32 .2188 | | | | |
| | | 5.5880 | .2200 | 5 | | | |
| | | 5.7 | .2244 | | 17 | | |
| | | 5.7226 | .2253 | | | | 4 |
| 3 | | 5.82727 | .22942 | | | | |
| | | 5.8928 | .2320 | | | 4 | |
| | 6 | 6.0000 | .2362 | | 18 | | |
| | | 6.0452 | .2380 | 4 | | | |
| | | 6.1900 | .2437 | | | | 3 |
| | | 6.3 | .248 | | 19 | | |
| | | 6.3500 | .2500 | | | | |
| | | 6.4008 | .2520 | | | 3 | |
| 2 | | 6.5438 | .25763 | | | | |
| | | 6.5786 | .2590 | 3 | | | |
| | | 6.7 | .2638 | | 20 | | |
| 1 | | 7.34822 | .2893 | | | | |

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|---------------------------|-----------------------------------|-----------------|----------------|---------------------------|--------|----------------------------------|-----------------------|
| | | 6.6675 | .2625 | | | | 2 |
| | | 7.0104 | .2760 | | | 2 | |
| | | 7.1450 | 9/32 .2813 | | | | |
| | | 7.1882 | .2830 | | | | 1 |
| | | 7.2136 | .2840 | 2 | | | |
| | | 7.3 | .2874 | | 22 | | |
| | | 7.6200 | .3000 | 1 | | 1 | |
| | | 7.7851 | .3065 | | | | 0 |
| | | 7.9375 | 5/16 .3125 | | | | |
| | | .82296 | .3240 | | | 0 | |
| 0 | | 8.25144 | .32486 | | | | |
| | 8 | 8.0000 | .3150 | | 24 | | |
| | | 8.4074 | .3310 | | | | 2/0 |
| | | 8.6360 | .3400 | 0 | | | |
| | | 8.7 | .3425 | | 26 | | |
| | | 8.7300 | .3437 | | | | |
| | | 8.8392 | .3480 | | | 2/0 | |
| | | 9.2075 | .3625 | | | | 3/0 |
| 2/0 = 00 | | 9.26592 | .3648 | | | | |
| | | 9.3 | .3661 | | 28 | | |
| | | 9.4488 | .3720 | | | 3/0 | |
| | | 9.5250 | 3/8 .3750 | | | | |
| | | 10 | .3937 | | 30 | | |
| | | 10.0025 | .3938 | 2/0 | | | 4/0 |
| | | 10.16 | .4000 | | | 4/0 | |
| | | 10.3200 | 13/32 .4063 | | | | |
| 3/0 | | 10.40486 | .40964 | | | | |
| | | 10.7 | .4213 | | 32 | | |
| | | 10.7950 | .4250 | 3/0 | | | |
| | | 10.9347 | .4305 | | | | 5/0 |
| | | 10.9728 | .4320 | | | 5/0 | |
| | | 11.1125 | 7/16 .4375 | | | | |
| | | 11.3 | | | 34 | | |
| | | 11.5316 | .4540 | 4/0 | | | |
| 4/0 | | 11.684 | .46 | | | | |
| | | 11.7221 | .4615 | | | | 6/0 |
| | | 11.7856 | .4640 | | | 6/0 | |

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|---------------------------|-----------------------------------|-----------------|--------------|---------------------------|--------|----------------------------------|-----------------------|
| | | 12.0000 | .4724 | | | | |
| | | 12.4460 | .4900 | | | | 7/0 |
| | | 12.7000 | ½ .5 | 5/0 | | 7/0 | |
| | | 13.0000 | .5118 | | | | |
| | | 13.1191 | .5165 | | | | |
| | | 14.0000 | .5512 | | | | |
| | | 14.732 | .5800 | | | | |
| | | 15.0000 | .5906 | | | | |
| | | 15.8750 | 5/8 .6250 | | | | |
| | | 16.0000 | .6300 | | | | |
| | | 17.0000 | .6693 | | | | |
| | | 18.0000 | .7087 | | | | |
| | | 19.0000 | .7480 | | | | |
| | | 20.0000 | .7874 | | | | |

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