

Carat Weights of Gemstones

| Size | Round Brilliants | | | | | | |
|------|------------------|------------|---------|--------|-----------|-------|------------|
| | Diamond | Aquamarine | Emerald | Quartz | Corrundum | Topaz | Tourmaline |
| 0.80 | 0.002 | 0.002 | 0.002 | 0.002 | 0.003 | 0.002 | 0.002 |
| 0.90 | 0.003 | 0.002 | 0.003 | 0.002 | 0.004 | 0.003 | 0.003 |
| 1.00 | 0.004 | 0.003 | 0.004 | 0.003 | 0.005 | 0.004 | 0.004 |
| 1.10 | 0.006 | 0.005 | 0.005 | 0.004 | 0.007 | 0.006 | 0.005 |
| 1.20 | 0.008 | 0.006 | 0.006 | 0.006 | 0.010 | 0.008 | 0.007 |
| 1.30 | 0.010 | 0.007 | 0.008 | 0.007 | 0.012 | 0.010 | 0.008 |
| 1.35 | 0.011 | 0.008 | 0.009 | 0.008 | 0.014 | 0.011 | 0.009 |
| 1.40 | 0.012 | 0.009 | 0.010 | 0.009 | 0.015 | 0.012 | 0.010 |
| 1.50 | 0.015 | 0.011 | 0.013 | 0.011 | 0.019 | 0.015 | 0.013 |
| 1.60 | 0.018 | 0.014 | 0.015 | 0.014 | 0.023 | 0.018 | 0.016 |
| 1.70 | 0.022 | 0.017 | 0.018 | 0.016 | 0.027 | 0.022 | 0.019 |
| 1.80 | 0.026 | 0.020 | 0.022 | 0.019 | 0.032 | 0.026 | 0.022 |
| 1.90 | 0.030 | 0.023 | 0.026 | 0.023 | 0.038 | 0.030 | 0.026 |
| 2.00 | 0.035 | 0.027 | 0.030 | 0.026 | 0.044 | 0.035 | 0.031 |
| 2.10 | 0.041 | 0.031 | 0.035 | 0.031 | 0.051 | 0.041 | 0.035 |
| 2.20 | 0.047 | 0.036 | 0.040 | 0.035 | 0.059 | 0.047 | 0.041 |
| 2.30 | 0.054 | 0.041 | 0.045 | 0.040 | 0.067 | 0.054 | 0.047 |
| 2.40 | 0.061 | 0.047 | 0.052 | 0.046 | 0.076 | 0.061 | 0.053 |
| 2.50 | 0.069 | 0.053 | 0.058 | 0.052 | 0.086 | 0.069 | 0.060 |
| 2.60 | 0.077 | 0.060 | 0.066 | 0.058 | 0.097 | 0.077 | 0.067 |
| 2.70 | 0.087 | 0.067 | 0.074 | 0.065 | 0.108 | 0.087 | 0.075 |
| 2.80 | 0.097 | 0.074 | 0.082 | 0.072 | 0.121 | 0.097 | 0.084 |
| 2.90 | 0.107 | 0.083 | 0.091 | 0.080 | 0.134 | 0.107 | 0.093 |
| 3.00 | 0.119 | 0.091 | 0.101 | 0.089 | 0.148 | 0.119 | 0.103 |
| 3.25 | 0.151 | 0.116 | 0.128 | 0.113 | 0.189 | 0.151 | 0.131 |
| 3.50 | 0.189 | 0.145 | 0.160 | 0.141 | 0.236 | 0.189 | 0.164 |
| 3.75 | 0.232 | 0.179 | 0.197 | 0.174 | 0.290 | 0.232 | 0.202 |
| 4.00 | 0.281 | 0.217 | 0.239 | 0.211 | 0.352 | 0.281 | 0.245 |
| 4.25 | 0.338 | 0.260 | 0.287 | 0.253 | 0.422 | 0.338 | 0.294 |
| 4.50 | 0.401 | 0.309 | 0.341 | 0.301 | 0.501 | 0.401 | 0.349 |
| 4.75 | 0.471 | 0.363 | 0.401 | 0.354 | 0.589 | 0.471 | 0.410 |
| 5.00 | 0.550 | 0.423 | 0.467 | 0.412 | 0.687 | 0.550 | 0.478 |
| 5.50 | 0.732 | 0.563 | 0.622 | 0.549 | 0.915 | 0.732 | 0.637 |
| 6.00 | 0.950 | 0.732 | 0.808 | 0.713 | 1.188 | 0.950 | 0.827 |
| 6.50 | 1.208 | 0.930 | 1.027 | 0.906 | 1.510 | 1.208 | 1.051 |
| 7.00 | 1.509 | 1.162 | 1.282 | 1.131 | 1.886 | 1.509 | 1.312 |
| 7.50 | 1.855 | 1.429 | 1.577 | 1.392 | 2.319 | 1.855 | 1.614 |
| 8.00 | 2.252 | 1.734 | 1.914 | 1.689 | 2.815 | 2.252 | 1.959 |

| Size | Ovals | | | | | | |
|------|---------|------------|---------|--------|-----------|-------|------------|
| | Diamond | Aquamarine | Emerald | Quartz | Corrundum | Topaz | Tourmaline |
| 4x3 | 0.22 | 0.17 | 0.19 | 0.17 | 0.28 | 0.22 | 0.19 |
| 5x3 | 0.26 | 0.20 | 0.22 | 0.20 | 0.33 | 0.26 | 0.23 |
| 5x4 | 0.35 | 0.27 | 0.30 | 0.26 | 0.44 | 0.35 | 0.30 |
| 6x4 | 0.50 | 0.39 | 0.43 | 0.38 | 0.63 | 0.50 | 0.44 |
| 7x5 | 0.90 | 0.69 | 0.77 | 0.68 | 1.13 | 0.90 | 0.78 |
| 8x6 | 1.50 | 1.16 | 1.28 | 1.13 | 1.88 | 1.50 | 1.31 |
| 9x7 | 2.30 | 1.77 | 1.96 | 1.73 | 2.88 | 2.30 | 2.00 |
| 10x8 | 3.00 | 2.31 | 2.55 | 2.25 | 3.75 | 3.00 | 2.61 |

| Size | Emerald Cut | | | | | | |
|-------|-------------|------------|---------|--------|-----------|-------|------------|
| | Diamond | Aquamarine | Emerald | Quartz | Corrundum | Topaz | Tourmaline |
| 5x3 | 0.25 | 0.19 | 0.21 | 0.19 | 0.31 | 0.25 | 0.22 |
| 5x4 | 0.40 | 0.31 | 0.34 | 0.30 | 0.50 | 0.40 | 0.35 |
| 6x4 | 0.75 | 0.58 | 0.64 | 0.56 | 0.94 | 0.75 | 0.65 |
| 7x5 | 1.30 | 1.00 | 1.11 | 0.98 | 1.63 | 1.30 | 1.13 |
| 8x6 | 1.75 | 1.35 | 1.49 | 1.31 | 2.19 | 1.75 | 1.52 |
| 9x7 | 3.00 | 2.31 | 2.55 | 2.25 | 3.75 | 3.00 | 2.61 |
| 10x8 | 4.20 | 3.23 | 3.57 | 3.15 | 5.25 | 4.20 | 3.65 |
| 12x10 | 6.50 | 5.01 | 5.53 | 4.88 | 8.13 | 6.50 | 5.66 |

| Size | Princess Cut/Square | | | | | | |
|---------|---------------------|------------|---------|--------|-----------|-------|------------|
| | Diamond | Aquamarine | Emerald | Quartz | Corrundum | Topaz | Tourmaline |
| 2x2 | 0.06 | 0.05 | 0.05 | 0.05 | 0.08 | 0.06 | 0.05 |
| 3x3 | 0.15 | 0.12 | 0.13 | 0.11 | 0.19 | 0.15 | 0.13 |
| 3.5x3.5 | 0.25 | 0.19 | 0.21 | 0.19 | 0.31 | 0.25 | 0.22 |
| 4x4 | 0.35 | 0.27 | 0.30 | 0.26 | 0.44 | 0.35 | 0.30 |
| 4.5x4.5 | 0.60 | 0.46 | 0.51 | 0.45 | 0.75 | 0.60 | 0.52 |
| 5x5 | 0.75 | 0.58 | 0.64 | 0.56 | 0.94 | 0.75 | 0.65 |
| 6x6 | 1.25 | 0.96 | 1.06 | 0.94 | 1.56 | 1.25 | 1.09 |
| 7x7 | 2.00 | 1.54 | 1.70 | 1.50 | 2.50 | 2.00 | 1.74 |

| Size | Marquise | | | | | | |
|-------|----------|------------|---------|--------|-----------|-------|------------|
| | Diamond | Aquamarine | Emerald | Quartz | Corrundum | Topaz | Tourmaline |
| 3x1.5 | 0.04 | 0.03 | 0.03 | 0.03 | 0.05 | 0.04 | 0.03 |
| 4x2 | 0.08 | 0.06 | 0.07 | 0.06 | 0.10 | 0.08 | 0.07 |
| 5x2.5 | 0.15 | 0.12 | 0.13 | 0.11 | 0.19 | 0.15 | 0.13 |
| 6x3 | 0.25 | 0.19 | 0.21 | 0.19 | 0.31 | 0.25 | 0.22 |
| 8x4 | 0.60 | 0.46 | 0.51 | 0.45 | 0.75 | 0.60 | 0.52 |
| 10x5 | 1.15 | 0.89 | 0.98 | 0.86 | 1.44 | 1.15 | 1.00 |
| 12x6 | 2.00 | 1.54 | 1.70 | 1.50 | 2.50 | 2.00 | 1.74 |
| 14x7 | 3.00 | 2.31 | 2.55 | 2.25 | 3.75 | 3.00 | 2.61 |

Carat Weights of Gemstones

| Size | Round Brilliants | | | | | | |
|------|------------------|------------|---------|--------|-----------|-------|------------|
| | Diamond | Aquamarine | Emerald | Quartz | Corrundum | Topaz | Tourmaline |
| 0.80 | 0.002 | 0.002 | 0.002 | 0.002 | 0.003 | 0.002 | 0.002 |
| 0.90 | 0.003 | 0.002 | 0.003 | 0.002 | 0.004 | 0.003 | 0.003 |
| 1.00 | 0.004 | 0.003 | 0.004 | 0.003 | 0.005 | 0.004 | 0.004 |
| 1.10 | 0.006 | 0.005 | 0.005 | 0.004 | 0.007 | 0.006 | 0.005 |
| 1.20 | 0.008 | 0.006 | 0.006 | 0.006 | 0.010 | 0.008 | 0.007 |
| 1.30 | 0.010 | 0.007 | 0.008 | 0.007 | 0.012 | 0.010 | 0.008 |
| 1.35 | 0.011 | 0.008 | 0.009 | 0.008 | 0.014 | 0.011 | 0.009 |
| 1.40 | 0.012 | 0.009 | 0.010 | 0.009 | 0.015 | 0.012 | 0.010 |
| 1.50 | 0.015 | 0.011 | 0.013 | 0.011 | 0.019 | 0.015 | 0.013 |
| 1.60 | 0.018 | 0.014 | 0.015 | 0.014 | 0.023 | 0.018 | 0.016 |
| 1.70 | 0.022 | 0.017 | 0.018 | 0.016 | 0.027 | 0.022 | 0.019 |
| 1.80 | 0.026 | 0.020 | 0.022 | 0.019 | 0.032 | 0.026 | 0.022 |
| 1.90 | 0.030 | 0.023 | 0.026 | 0.023 | 0.038 | 0.030 | 0.026 |
| 2.00 | 0.035 | 0.027 | 0.030 | 0.026 | 0.044 | 0.035 | 0.031 |
| 2.10 | 0.041 | 0.031 | 0.035 | 0.031 | 0.051 | 0.041 | 0.035 |
| 2.20 | 0.047 | 0.036 | 0.040 | 0.035 | 0.059 | 0.047 | 0.041 |
| 2.30 | 0.054 | 0.041 | 0.045 | 0.040 | 0.067 | 0.054 | 0.047 |
| 2.40 | 0.061 | 0.047 | 0.052 | 0.046 | 0.076 | 0.061 | 0.053 |
| 2.50 | 0.069 | 0.053 | 0.058 | 0.052 | 0.086 | 0.069 | 0.060 |
| 2.60 | 0.077 | 0.060 | 0.066 | 0.058 | 0.097 | 0.077 | 0.067 |
| 2.70 | 0.087 | 0.067 | 0.074 | 0.065 | 0.108 | 0.087 | 0.075 |
| 2.80 | 0.097 | 0.074 | 0.082 | 0.072 | 0.121 | 0.097 | 0.084 |
| 2.90 | 0.107 | 0.083 | 0.091 | 0.080 | 0.134 | 0.107 | 0.093 |
| 3.00 | 0.119 | 0.091 | 0.101 | 0.089 | 0.148 | 0.119 | 0.103 |
| 3.25 | 0.151 | 0.116 | 0.128 | 0.113 | 0.189 | 0.151 | 0.131 |
| 3.50 | 0.189 | 0.145 | 0.160 | 0.141 | 0.236 | 0.189 | 0.164 |
| 3.75 | 0.232 | 0.179 | 0.197 | 0.174 | 0.290 | 0.232 | 0.202 |
| 4.00 | 0.281 | 0.217 | 0.239 | 0.211 | 0.352 | 0.281 | 0.245 |
| 4.25 | 0.338 | 0.260 | 0.287 | 0.253 | 0.422 | 0.338 | 0.294 |
| 4.50 | 0.401 | 0.309 | 0.341 | 0.301 | 0.501 | 0.401 | 0.349 |
| 4.75 | 0.471 | 0.363 | 0.401 | 0.354 | 0.589 | 0.471 | 0.410 |
| 5.00 | 0.550 | 0.423 | 0.467 | 0.412 | 0.687 | 0.550 | 0.478 |
| 5.50 | 0.732 | 0.563 | 0.622 | 0.549 | 0.915 | 0.732 | 0.637 |
| 6.00 | 0.950 | 0.732 | 0.808 | 0.713 | 1.188 | 0.950 | 0.827 |
| 6.50 | 1.208 | 0.930 | 1.027 | 0.906 | 1.510 | 1.208 | 1.051 |
| 7.00 | 1.509 | 1.162 | 1.282 | 1.131 | 1.886 | 1.509 | 1.312 |
| 7.50 | 1.855 | 1.429 | 1.577 | 1.392 | 2.319 | 1.855 | 1.614 |
| 8.00 | 2.252 | 1.734 | 1.914 | 1.689 | 2.815 | 2.252 | 1.959 |

| Size | Ovals | | | | | | |
|------|---------|------------|---------|--------|-----------|-------|------------|
| | Diamond | Aquamarine | Emerald | Quartz | Corrundum | Topaz | Tourmaline |
| 4x3 | 0.22 | 0.17 | 0.19 | 0.17 | 0.28 | 0.22 | 0.19 |
| 5x3 | 0.26 | 0.20 | 0.22 | 0.20 | 0.33 | 0.26 | 0.23 |
| 5x4 | 0.35 | 0.27 | 0.30 | 0.26 | 0.44 | 0.35 | 0.30 |
| 6x4 | 0.50 | 0.39 | 0.43 | 0.38 | 0.63 | 0.50 | 0.44 |
| 7x5 | 0.90 | 0.69 | 0.77 | 0.68 | 1.13 | 0.90 | 0.78 |
| 8x6 | 1.50 | 1.16 | 1.28 | 1.13 | 1.88 | 1.50 | 1.31 |
| 9x7 | 2.30 | 1.77 | 1.96 | 1.73 | 2.88 | 2.30 | 2.00 |
| 10x8 | 3.00 | 2.31 | 2.55 | 2.25 | 3.75 | 3.00 | 2.61 |

| Size | Emerald Cut | | | | | | |
|-------|-------------|------------|---------|--------|-----------|-------|------------|
| | Diamond | Aquamarine | Emerald | Quartz | Corrundum | Topaz | Tourmaline |
| 5x3 | 0.25 | 0.19 | 0.21 | 0.19 | 0.31 | 0.25 | 0.22 |
| 5x4 | 0.40 | 0.31 | 0.34 | 0.30 | 0.50 | 0.40 | 0.35 |
| 6x4 | 0.75 | 0.58 | 0.64 | 0.56 | 0.94 | 0.75 | 0.65 |
| 7x5 | 1.30 | 1.00 | 1.11 | 0.98 | 1.63 | 1.30 | 1.13 |
| 8x6 | 1.75 | 1.35 | 1.49 | 1.31 | 2.19 | 1.75 | 1.52 |
| 9x7 | 3.00 | 2.31 | 2.55 | 2.25 | 3.75 | 3.00 | 2.61 |
| 10x8 | 4.20 | 3.23 | 3.57 | 3.15 | 5.25 | 4.20 | 3.65 |
| 12x10 | 6.50 | 5.01 | 5.53 | 4.88 | 8.13 | 6.50 | 5.66 |

| Size | Princess Cut/Square | | | | | | |
|---------|---------------------|------------|---------|--------|-----------|-------|------------|
| | Diamond | Aquamarine | Emerald | Quartz | Corrundum | Topaz | Tourmaline |
| 2x2 | 0.06 | 0.05 | 0.05 | 0.05 | 0.08 | 0.06 | 0.05 |
| 3x3 | 0.15 | 0.12 | 0.13 | 0.11 | 0.19 | 0.15 | 0.13 |
| 3.5x3.5 | 0.25 | 0.19 | 0.21 | 0.19 | 0.31 | 0.25 | 0.22 |
| 4x4 | 0.35 | 0.27 | 0.30 | 0.26 | 0.44 | 0.35 | 0.30 |
| 4.5x4.5 | 0.60 | 0.46 | 0.51 | 0.45 | 0.75 | 0.60 | 0.52 |
| 5x5 | 0.75 | 0.58 | 0.64 | 0.56 | 0.94 | 0.75 | 0.65 |
| 6x6 | 1.25 | 0.96 | 1.06 | 0.94 | 1.56 | 1.25 | 1.09 |
| 7x7 | 2.00 | 1.54 | 1.70 | 1.50 | 2.50 | 2.00 | 1.74 |

| Size | Marquise | | | | | | |
|-------|----------|------------|---------|--------|-----------|-------|------------|
| | Diamond | Aquamarine | Emerald | Quartz | Corrundum | Topaz | Tourmaline |
| 3x1.5 | 0.04 | 0.03 | 0.03 | 0.03 | 0.05 | 0.04 | 0.03 |
| 4x2 | 0.08 | 0.06 | 0.07 | 0.06 | 0.10</ | | |