



Gemstones Weight Conversion charts
All Weights Are Approximate 1 MM = .03937 inch

Round Cut Gemstones

	2 mm	3 mm	4 mm	5 mm	6 mm	6.5 mm	7 mm	8 mm	10 mm
Alexandrite	.04 ct	.12 ct	.35 ct	.63 ct	1.30 ct	1.86 ct	2.15 ct	2.90 ct	5.20 ct
Amethyst	.04 ct	.10 ct	.20 ct	.40 ct	.70 ct	1.10 ct	1.30 ct	1.80 ct	3.30 ct
Aquamarine	.04 ct	.10 ct	.25 ct	.45 ct	.75 ct	1.31 ct	1.60 ct	2.40 ct	3.50 ct
Citrine	.04 ct	.10 ct	.20 ct	.40 ct	.70 ct	1.10 ct	1.30 ct	1.80 ct	3.30 ct
Diamond	.03 ct	.10 ct	.23 ct	.47 ct	.80 ct	1.00 ct	1.25 ct	1.90 ct	3.50 ct
Emerald	.04 ct	.12 ct	.27 ct	.48 ct	.80 ct	1.26 ct	1.70 ct	2.50 ct	6.10 ct
Garnet	.05 ct	.13 ct	.30 ct	.60 ct	1.00 ct	1.40 ct	1.60 ct	2.50 ct	5.75 ct
Opal	.02 ct	.09 ct	.16 ct	.34 ct	.57 ct	.75 ct	.83 ct	1.30 ct	2.00 ct
Peridot	.05 ct	.12 ct	.26 ct	.50 ct	.85 ct	1.11 ct	1.25 ct	2.00 ct	5.25 ct
Ruby	.05 ct	.15 ct	.34 ct	.65 ct	1.05 ct	1.41 ct	1.60 ct	2.25 ct	4.50 ct
Sapphire	.05 ct	.15 ct	.34 ct	.65 ct	1.05 ct	1.41 ct	1.60 ct	2.25 ct	4.50 ct
Topaz	.04 ct	.11 ct	.30 ct	.56 ct	1.00 ct	1.36 ct	1.55 ct	2.50 ct	5.75 ct
Tourmaline	.04 ct	.12 ct	.24 ct	.45 ct	.75 ct	1.28 ct	1.55 ct	2.00 ct	3.00 ct
Zircon	.06 ct	.17 ct	.36 ct	.69 ct	1.25 ct	1.58 ct	1.75 ct	2.60 ct	5.00 ct

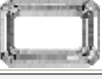
Pear Faceted Gemstones

	5x3 mm	6x4 mm	7x5 mm	8x6 mm	9x6 mm	10x7 mm	12x8 mm	14x9 mm
Alexandrite	.30 ct	.50 ct	.85 ct	1.10 ct	2.10 ct	3.60 ct	6.60 ct	8.80 ct
Amethyst	.20 ct	.35 ct	.65 ct	.85 ct	1.25 ct	1.70 ct	4.00 ct	5.00 ct
Aquamarine	.20 ct	.35 ct	.65 ct	.90 ct	1.30 ct	1.85 ct	4.20 ct	5.60 ct
Citrine	.20 ct	.35 ct	.65 ct	.85 ct	1.30 ct	1.70 ct	4.00 ct	5.00 ct
Diamond	.25 ct	.50 ct	.75 ct	1.00 ct	1.50 ct	2.00 ct	3.50 ct	5.00 ct
Emerald	.25 ct	.45 ct	.70 ct	1.05 ct	1.70 ct	2.60 ct	4.15 ct	6.10 ct
Garnet	.25 ct	.40 ct	1.00 ct	1.15 ct	1.30 ct	1.80 ct	3.50 ct	5.80 ct
Opal	.13 ct	.22 ct	.35 ct	.50 ct	.70 ct	1.03 ct	1.40 ct	2.45 ct
Peridot	.25 ct	.45 ct	.70 ct	.80 ct	1.10 ct	1.40 ct	3.40 ct	4.75 ct
Ruby	.30 ct	.50 ct	.75 ct	1.00 ct	1.85 ct	2.50 ct	4.75 ct	7.90 ct
Sapphire	.30 ct	.50 ct	.75 ct	1.00 ct	1.85 ct	2.50 ct	4.75 ct	7.90 ct
Topaz	.25 ct	.50 ct	1.00 ct	1.10 ct	2.00 ct	3.50 ct	6.50 ct	8.50 ct
Tourmaline	.35 ct	.45 ct	.60 ct	.90 ct	1.10 ct	1.40 ct	2.80 ct	6.75 ct
Zircon	.30 ct	.70 ct	1.00 ct	1.30 ct	2.60 ct	4.00 ct	5.25 ct	7.50 ct


Oval Faceted Gemstones

	5x3 mm	6x4 mm	7x5 mm	8x6 mm	9x7 mm	10x8 mm	11x9 mm	12x10 mm	14x10 mm
Alexandrite	.30 ct	.51 ct	.80 ct	1.45 ct	2.00 ct	3.60 ct	4.25 ct	6.00 ct	8.90 ct
Amethyst	.23 ct	.45 ct	.85 ct	1.25 ct	1.75 ct	2.40 ct	3.20 ct	4.50 ct	6.50 ct
Aquamarine	.20 ct	.40 ct	.75 ct	1.10 ct	1.75 ct	2.25 ct	3.00 ct	4.50 ct	6.75 ct
Citrine	.23 ct	.45 ct	.85 ct	1.25 ct	1.75 ct	2.40 ct	3.25 ct	4.20 ct	5.20 ct
Diamond	.25 ct	.50 ct	.75 ct	1.40 ct	2.00 ct	3.00 ct	4.00 ct	5.00 ct	8.00 ct
Emerald	.25 ct	.52 ct	.85 ct	1.26 ct	1.90 ct	2.60 ct	3.75 ct	5.00 ct	7.50 ct
Garnet, Mozambique	.25 ct	.55 ct	1.00 ct	1.40 ct	2.10 ct	2.80 ct	3.75 ct	5.00 ct	7.00 ct
Garnet, Rhodolite	.25 ct	.55 ct	1.00 ct	1.40 ct	2.10 ct	2.80 ct	-	-	-
Iolite	.21 ct	.40 ct	.63 ct	1.02 ct	-	-	-	-	-
Opal	.16 ct	.28 ct	.47 ct	.78 ct	1.10 ct	1.65 ct	2.15 ct	3.00 ct	4.00 ct
Peridot	.28 ct	.50 ct	.95 ct	1.35 ct	2.00 ct	2.50 ct	3.50 ct	4.00 ct	6.00 ct
Ruby	.35 ct	.60 ct	1.06 ct	1.55 ct	2.20 ct	3.15 ct	3.80 ct	6.00 ct	7.25 ct
Sapphire	.35 ct	.60 ct	1.00 ct	1.55 ct	2.20 ct	3.15 ct	3.80 ct	6.00 ct	7.25 ct
Tanzanite	.20 ct	.48 ct	.89 ct	1.35 ct	-	-	-	-	-
Topaz	.28 ct	.57 ct	1.10 ct	1.60 ct	2.50 ct	3.50 ct	4.50 ct	6.00 ct	8.80 ct
Tourmaline	.25 ct	.50 ct	.90 ct	1.18 ct	2.30 ct	2.90 ct	3.50 ct	5.25 ct	6.80 ct
Tsavorite	.28 ct	.52 ct	.75 ct	-	-	-	-	-	-
Zircon	.40 ct	.75 ct	1.45 ct	2.00 ct	2.85 ct	4.00 ct	5.60 ct	7.50 ct	8.20 ct

Emerald Cut (octagon cut)

	5x3 mm	6x4 mm	7x5 mm	8x6 mm	9x7 mm	10x8 mm	11x9 mm	12x10 mm	14x10 mm
Alexandrite	.40 ct	.70 ct	1.30 ct	2.60 ct	3.60 ct	4.20 ct	6.00 ct	8.50 ct	9.90 ct
Amethyst	.35 ct	.55 ct	1.00 ct	1.60 ct	2.25 ct	2.90 ct	4.20 ct	5.60 ct	7.25 ct
Aquamarine	.25 ct	.50 ct	.80 ct	1.40 ct	2.00 ct	3.00 ct	4.30 ct	4.75 ct	7.75 ct
Citrine	.35 ct	.55 ct	1.00 ct	1.60 ct	2.25 ct	2.90 ct	4.20 ct	5.60 ct	7.25 ct
Diamond	.25 ct	.50 ct	1.00 ct	1.50 ct	3.00 ct	4.00 ct	5.00 ct	7.80 ct	8.80 ct
Emerald	.30 ct	.60 ct	.90 ct	1.80 ct	2.31 ct	3.15 ct	4.50 ct	5.25 ct	5.80 ct
Garnet	.40 ct	.80 ct	1.20 ct	1.70 ct	2.50 ct	3.50 ct	4.30 ct	6.35 ct	9.00 ct
Peridot	.35 ct	.60 ct	1.00 ct	1.70 ct	2.25 ct	3.80 ct	5.25 ct	6.25 ct	8.80 ct
Ruby	.55 ct	.75 ct	1.15 ct	1.60 ct	2.30 ct	2.75 ct	4.00 ct	6.25 ct	9.00 ct
Sapphire	.55 ct	.75 ct	1.15 ct	1.75 ct	2.30 ct	2.75 ct	4.00 ct	6.25 ct	9.00 ct
Topaz	.40 ct	.65 ct	1.25 ct	2.40 ct	3.40 ct	4.00 ct	5.75 ct	8.00 ct	9.50 ct
Tourmaline	.30 ct	.60 ct	1.60 ct	2.15 ct	2.80 ct	3.60 ct	4.30 ct	5.20 ct	8.50 ct
Zircon	.60 ct	.85 ct	1.70 ct	2.35 ct	3.90 ct	4.50 ct	6.20 ct	7.01 ct	8.95 ct

Marquise Cut

	4x2 mm	5x3 mm	6x3 mm	7x3.5 mm	8x4 mm	10x5 mm	12x6 mm	14x7 mm
Alexandrite	.07 ct	.20 ct	.30 ct	.50 ct	.70 ct	1.25 ct	2.10 ct	3.50 ct
Amethyst	.10 ct	.15 ct	.20 ct	.34 ct	.48 ct	.90 ct	1.59 ct	2.45 ct
Aquamarine	.08 ct	.14 ct	.20 ct	.25 ct	.50 ct	.80 ct	1.50 ct	2.75 ct
Citrine	.10 ct	.15 ct	.20 ct	.35 ct	.50 ct	.90 ct	1.59 ct	2.45 ct
Diamond	.12 ct	.18 ct	.25 ct	.37 ct	.50 ct	1.00 ct	2.00 ct	3.00 ct
Emerald	.09 ct	.19 ct	.30 ct	.45 ct	.60 ct	1.40 ct	1.80 ct	2.80 ct
Garnet	.09 ct	.16 ct	.25 ct	.42 ct	.60 ct	1.20 ct	2.00 ct	2.85 ct
Opal	.09 ct	.13 ct	.17 ct	.27 ct	.37 ct	.59 ct	1.00 ct	1.25 ct
Peridot	.10 ct	.17 ct	.25 ct	.37 ct	.50 ct	1.00 ct	2.00 ct	2.55 ct
Ruby	.13 ct	.24 ct	.35 ct	.55 ct	.75 ct	1.15 ct	2.20 ct	3.00 ct
Sapphire	.13 ct	.24 ct	.35 ct	.55 ct	.75 ct	1.15 ct	2.20 ct	3.00 ct
Topaz	.07 ct	.17 ct	.30 ct	.50 ct	.70 ct	1.20 ct	2.00 ct	3.40 ct
Tourmaline	.10 ct	.20 ct	.30 ct	.45 ct	.60 ct	.85 ct	1.55 ct	2.20 ct
Zircon	.13 ct	.23 ct	.33 ct	.55 ct	.75 ct	1.25 ct	1.95 ct	3.00 ct