




Gemstones

Gemstones average weight by size

Shape	Round 								Oval 								Square 		
Size in mm	2	2.5	3	3.5	4	5	6	7	5x3	6x4	7x5	8x6	9x7	10x8	12x10	14x10	2x2	3x3	4x4
Stone	Sapphire, Ruby, Garnet																		
Weight in ct	0.04	0.08	0.15	0.25	0.35	0.65	1.00	1.60	0.35	0.60	1.00	1.50	2.20	3.10	6.00	7.25	0.06	0.25	0.45
Stone	Topaz																		
Weight in ct	0.035	0.07	0.15	0.20	0.30	0.60	1.00	1.60	0.30	0.55	0.95	1.45	2.10	3.00	5.80	7.00	0.055	0.25	0.45
Stone	Tanzanite, Peridot, Tourmaline																		
Weight in ct	0.035	0.07	0.13	0.20	0.25	0.50	0.90	1.25	0.25	0.50	0.90	1.35	1.80	2.50	4.00	6.00	0.05	0.20	0.40
Stone	Emerald, Aquamarine, Amethyst, Citrine, Iolite																		
Weight in ct	0.028	0.055	0.10	0.15	0.23	0.45	0.80	1.20	0.22	0.45	0.75	1.20	1.70	2.40	4.10	5.10	0.04	0.15	0.35

Birthstones

January	February	March	April	May	June	July	August	September	October	November	December
Garnet	Amethyst	Aquamarine	Diamond	Emerald	Pearl	Ruby	Peridot	Sapphire	Opal	Topaz	Tanzanite

Gemstone colour varieties

Blue or violet	Green	Red or pink	Yellow or orange
Blue sapphire	Emerald	Ruby	Yellow Sapphire
Tanzanite	Green Sapphire	Pink Sapphire	Citrine
Aquamarine	Tzavorite	Tourmaline (Rubellite)	Yellow Topaz
Blue Topaz	Tourmaline (green, chrome)	Garnet (Rhodolite, Almandine, Pyrope)	Yellow Tourmaline
Tourmaline (Indicolite)	Jade	Red Spinel	Yellow Beryl (Heliodor)
Iolite	Apatite	Pink Topaz	Spessartite
Amethyst	Diopside	Kunzite	Cornelian
Blue Zircon	Dioptase	Morganite	Fire Opal
Blue Spinel	Green Agate	Rose Quartz	Amber
Lapis Lazuli	Malachite	Rhodochrosite	
Turquoise			

Moh's table hardness

Hardness refers to scratch resistance

10	9	9	8	8	7.5 - 8	7.5 - 8	7 - 7.5	7 - 7.5	7 - 7.5	7
Diamond	Ruby	Sapphire	Spinel	Topaz	Emerald	Aquamarine	Garnet	Iolite	Tourmaline	Amethyst
7	6.5 - 7.5	6.5 - 7	6.5 - 7	6.5 - 7	6 - 6.5	5.5 - 6.5	5 - 6	5 - 6	5	2.5
Citrine	Zircon	Agate	Peridot	Tanzanite	Moonstone	Opal	Lapis Lazuli	Turquoise	Glass	Amber