

## MM to Carat weight conversion charts



These conversion charts give estimated values. ct. weight will vary greatly by the depth of the stone.

Round		
European, Mine, Portuguese, Lonestar, Sunburst		
Size (mm)	CZ ct wt	Diamond ct wt
1.25	0.013	0.010
1.50	0.023	0.015
1.75	0.037	0.020
2.00	0.06	0.03
2.25	0.08	0.04
2.50	0.10	0.05
2.75	0.15	0.08
3.00	0.18	0.11
3.50	0.29	0.17
4.00	0.43	0.25
4.50	0.61	0.36
5.00	0.79	0.46
5.50	1.13	0.66
6.00	1.43	0.84
6.50	1.75	1.03
7.00	2.17	1.28
7.50	2.84	1.67
8.00	3.46	2.04
8.50	4.13	2.43
9.00	4.68	2.75
9.50	5.69	3.35
10.00	6.58	3.87
10.50	7.50	4.41
11.00	8.35	4.91
11.50	9.94	5.85
12.00	11.62	6.84
12.50	12.52	7.36
13.00	14.47	8.51
13.50	16.20	9.53
14.00	17.84	10.49
15.00	21.92	12.89
16.00	27.25	16.03
17.00	33.55	19.74
18.00	38.60	22.71
19.00	41.78	24.58
20.00	50.22	29.54
22.00	67.43	39.66
25.00	99.18	58.34
30.00	181.77	106.92
40.00	374.15	220.09

Princess		
Quadrillion, Cushion, Asscher, Flanders		
Size (mm)	CZ ct wt	Diamond ct wt
3.00	0.30	0.18
3.50	0.50	0.29
4.00	0.66	0.39
4.50	0.95	0.56
5.00	1.21	0.71
5.50	1.68	0.99
6.00	2.10	1.24
6.50	2.71	1.59
7.00	3.33	1.96
7.50	4.08	2.40
8.00	5.12	3.01
8.50	6.24	3.67
9.00	7.01	4.12
9.50	8.65	5.09
10.00	9.56	5.62
11.00	12.64	7.44
12.00	16.18	9.52
13.00	21.86	12.86
14.00	25.75	15.15
16.00	40.94	24.08
18.00	55.14	32.44
20.00	72.52	42.66
22.00	99.73	58.66

Emerald		
Size (mm)	CZ ct wt	Diamond ct wt
5 x 3	0.50	0.29
6 x 4	1.13	0.66
6.5 x 4.5	1.49	0.88
7 x 5	1.81	1.06
8 x 6	2.95	1.74
8.5 x 6.5	3.69	2.17
9 x 7	4.46	2.62
9.5 x 7.5	5.46	3.21
10 x 8	6.44	3.79
12 x 8	8.13	4.78
11 x 9	8.85	5.21
13 x 9	10.84	6.38
12 x 10	11.82	6.95
14 x 10	14.42	8.48
13 x 11	15.52	9.13
14 x 12	19.15	11.26
15 x 11	19.51	11.48
16 x 12	24.18	14.22
18 x 13	32.86	19.33
20 x 15	44.03	25.90

Oval		
Size (mm)	CZ ct wt	Diamond ct wt
5x3	0.35	0.21
5x4	0.55	0.32
6x4	0.73	0.43
6x5	1.04	0.61
7x5	1.30	0.76
7.5x5.5	1.67	0.98
8x6	2.06	1.21
9x6	2.40	1.41
9x7	3.16	1.86
10x8	4.31	2.54
10.5x8.5	4.90	2.88
12x8	5.09	2.99
11x9	6.40	3.85
12x10	8.59	5.05
14x10	9.87	5.81
13x11	10.28	6.05
14x12	13.96	8.21
15x12	14.89	8.76
16x12	15.84	9.32
18x13	21.86	12.86
20x15	32.17	18.92
22x16	40.84	24.02

Heart		
Size (mm)	CZ ct wt	Diamond ct wt
4.00	0.40	0.24
4.50	0.57	0.34
5.00	0.75	0.44
5.50	1.03	0.61
6.00	1.25	0.74
6.25	1.41	0.83
6.50	1.58	0.93
7.00	1.92	1.13
7.50	2.71	1.59
8.00	2.90	1.71
9.00	4.10	2.41
9.50	4.93	2.90
10.00	5.38	3.16
11.00	7.50	4.41
12.00	9.63	5.66
13.00	13.40	7.88
14.00	15.95	9.38
15.00	18.34	10.79
16.00	22.56	13.27
18.00	35.50	20.88
20.00	42.01	24.71

Marquise		
Size (mm)	CZ ct wt	Diamond ct wt
6x3	0.41	0.24
6.5x3.5	0.53	0.31
7x3.5	0.60	0.35
8x3.5	0.69	0.41
8x4	0.80	0.47
9x4.5	1.20	0.71
10x5	1.62	0.95
11x5.5	2.12	1.25
12x6	2.75	1.62
13x6.5	3.60	2.11
14x7	4.22	2.48
15x7.5	5.25	3.09
16x8	6.57	3.86
17x8.5	8.30	4.88
18x9	9.61	5.65
20x10	13.49	7.94
22x11	16.28	9.58
30x15	36.50	21.00

Pear		
Size (mm)	CZ ct wt	Diamond ct wt
5x4	0.60	0.35
6x4	0.67	0.39
6.5x4.5	0.97	0.57
7x5	1.21	0.71
8x5	1.38	0.81
8.5x5.5	1.83	1.08
9x6	2.26	1.33
9x7	2.98	1.75
10x7	3.06	1.80
10x8	4.19	2.46
11x7.5	4.44	2.61
11x8	5.10	3.00
12x8	5.06	2.98
12x9	5.85	3.44
13x8	5.04	2.98
14x8	5.90	3.47
13x9	6.99	4.11
14x9	7.01	4.12
15x9	8.60	5.06
14x10	9.20	5.41
13x11	9.61	5.65
15x10	9.78	5.75
16x10	10.66	6.27
17x10	10.99	6.46
15x11	12.52	7.36
17x11	13.86	8.05
18x11	13.84	8.14
16x12	15.29	8.99
18x12	15.90	9.35
18x13	19.83	11.66
19x12	17.00	10.00
19x13	20.79	12.23
20x14	24.92	14.66
23x13	25.89	15.23
22x14	26.30	15.47
20x15	28.65	16.85
23x14	26.00	25.29
25x15	30.02	17.66
25x20	64.00	37.65

Trillion		
Size (mm)	CZ ct wt	Diamond ct wt
3.50	0.28	0.16
4.00	0.39	0.23
4.50	0.53	0.31
5.00	0.72	0.42
5.50	0.93	0.55
6.00	1.19	0.70
6.50	1.55	0.91
7.00	1.87	1.10
7.50	2.06	1.21
8.00	2.97	1.75
8.500	3.00	1.76
9.00	3.99	2.35
10.00	5.30	3.12
11.00	6.22	3.66
12.00	8.33	4.90
13.00	10.91	6.42