

All carat weights expressed in comparable millimeter (mm) sizes to scale; approximate moissanite average carat weights and approximate diamond equivalent weights. Facet count includes the culet, even if it is actually a point.

This is the Official Charles & Colvard Shapes & Sizes chart. Please update your chart to coincide with this chart. Any deviation from the sizes of the gemstones noted on the chart will not be supported by Charles & Colvard.

ROUND BRILLIANT 58 Facets

(1.3 mm – 2.4 mm, 42 facet melee sizes available, SRB only. Melee is sold per carat in any carat increment desired, quantities are an approximate count.)

2.5	3	3.25	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5
mm size																	
Moissanite Average Carat Weight (MOI)																	
.05	.09	.11	.14	.22	.29	.41	.54	.68	.88	1.10	1.35	1.60	1.90	2.26	2.75	3.08	3.57
Diamond Equivalent Weight (DEW)																	
.06	.10	.13	.16	.23	.33	.50	.60	.80	1.00	1.20	1.50	1.90	2.20	2.70	3.10	3.60	4.20

11	11.5	12	12.5	13	13.5	14	14.5	15
mm size								
Moissanite Average Carat Weight (MOI)								
4.11	4.72	5.32	6.01	6.80	7.60	8.46	9.51	10.46
Diamond Equivalent Weight (DEW)								
4.75	5.37	6.13	7.00	7.75	8.75	9.75	10.34	12.00

BAGUETTES 30 Facets

4X2	5X2.5
mm size	
Moissanite Average Carat Weight (MOI)	
0.05	0.18
Diamond Equivalent Weight (DEW)	
0.11	0.21

CUSHION 82 Facets

2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
mm size																
Moissanite Average Carat Weight (MOI)																
.04	.07	.12	.19	.30	.42	.57	.75	.96	1.21	1.49	1.80	2.15	2.54	2.98	3.74	4.18
Diamond Equivalent Weight (DEW)																
.06	.08	.13	.22	.33	.50	.60	.80	1.10	1.30	1.70	2.00	2.40	2.80	3.30	4.20	5.02

10.5	11
mm size	
Moissanite Average Carat Weight (MOI)	
4.99	5.79
Diamond Equivalent Weight (DEW)	
5.81	6.68

EMERALD

46 Facets

4x2	5x3	6x4	7x5	8x6	9x7	10x8	11x9	12x10
mm size								
								

Moissanite Average Carat Weight (MOI)

.11 .27 .50 .98 1.55 2.23 3.17 4.36 6.04

Diamond Equivalent Weight (DEW)

.12 .30 .58 1.05 1.75 2.45 3.50 4.90 6.77

HEART

57 Facets

2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
mm size															
															

Moissanite Average Carat Weight (MOI)

.05 .08 .14 .21 .30 .42 .54 .70 .86 1.10 1.32 1.61 1.99 2.43 2.83 3.30

Diamond Equivalent Weight (DEW)

.06 .09 .15 .23 .34 .50 .60 .80 1.00 1.20 1.50 1.80 2.20 2.70 3.10 3.70

MARQUISE

58 Facets

5x2.5	6x3	7x3.5	8x4	9x4.5	10x5	11x5.5	12x6	13x6.5	14x7
mm size									
									

Moissanite Average Carat Weight (MOI)

.12 .21 .32 .47 .67 .90 1.26 1.58 1.98 2.48

Diamond Equivalent Weight (DEW)

.13 .23 .35 .50 .70 1.00 1.40 1.80 2.20 2.80

OVAL

70 Facets

4x2	5x3	6x4	7x5	8x6	9x7	10x8	11x9	12x10	14x10
mm size									
									

Moissanite Average Carat Weight (MOI)

.09 .23 .43 .84 1.33 1.91 2.72 3.74 5.18 6.58

Diamond Equivalent Weight (DEW)

.10 .26 .50 .90 1.50 2.10 3.00 4.20 5.80 7.22

PEAR

72 Facets

5x3	6x4	7x5	8x5	9x6	10x7	10.5x7	12x8
mm size							
							

Moissanite Average Carat Weight (MOI)

.20 .39 .69 .85 1.33 1.93 2.13 3.09

Diamond Equivalent Weight (DEW)

.21 .43 .77 .94 1.50 2.10 2.40 3.57

RADIANT

54 Facets

4x2	5x3	6x4	7x5	8x6	9x7	10x8	11x9	12x10	14x10
mm size									
									

Moissanite Average Carat Weight (MOI)

.10 .30 .61 1.04 1.67 2.43 3.51 4.79 6.45 8.41

Diamond Equivalent Weight (DEW)

.11 .33 .70 1.20 1.80 2.70 3.90 5.30 7.20 9.30

SQUARE BRILLIANT

66 Facets

2.5 3
mm size



Moissanite Average Carat Weight (MOI)

.11 .16 .24 .37 .51 .71 .91 1.18 1.50 1.88 2.28 2.78 3.28 3.94 4.62 5.29

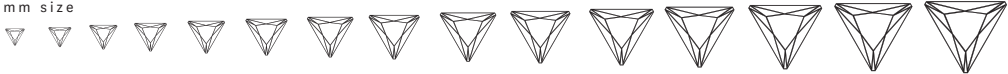
Diamond Equivalent Weight (DEW)

.12 .18 .27 .41 .60 .80 1.00 1.30 1.70 2.10 2.50 3.10 3.60 4.30 5.10 5.97

TRIANGLE

38 Facets

2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7 7.5 8 8.5 9
mm size



Moissanite Average Carat Weight (MOI)

.02 .06 .09 .14 .21 .30 .40 .52 .67 .83 1.06 1.28 1.48 1.79 2.12

Diamond Equivalent Weight (DEW)

.02 .06 .10 .16 .23 .33 .44 .60 .70 .90 1.20 1.40 1.60 2.00 2.30

TRILLION

44 Facets

2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7 7.5 8 8.5 9 9.5 10 10.5 11
mm size



Moissanite Average Carat Weight (MOI)

.02 .05 .08 .13 .18 .27 .36 .47 .61 .74 .94 1.16 1.44 1.66 2.16 2.41 2.77 3.34 3.85

Diamond Equivalent Weight (DEW)

.03 .05 .09 .14 .20 .30 .40 .50 .70 .80 1.00 1.30 1.60 1.80 2.40 2.78 3.24 3.75 4.31