

Shapes and Sizes Chart

Charles & Colvard Created Moissanite® Carefully and precisely hand-faceted, each Charles & Colvard® jewel is cut according to exact angles and proportions designed especially for moissanite to maximize its brilliance and enhance its incredible fire.

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

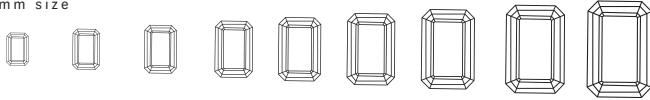
10.5	11
mm size	
Moissanite Average Carat Weight (MOI)	
4.99	5.79
Diamond Equivalent Weight (DEW)	
5.81	6.68

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)

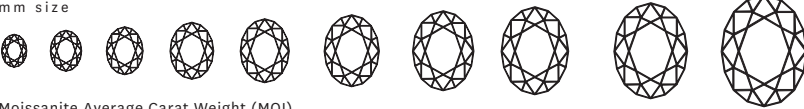
.13 .23 .35 .50 .70 1.00 1.40 1.80 2.20 2.80

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)

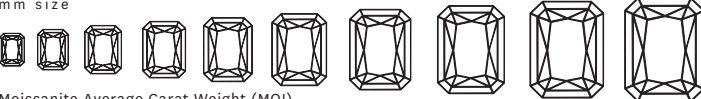
.21 .43 .77 .94 1.50 2.10 2.40 3.57

RADIANT

54 Facets

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

mm size



Moissanite Average Carat Weight (MOI)

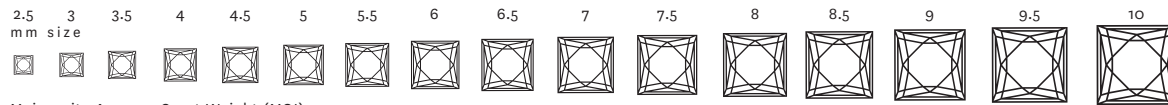
.10 .30 .61 1.04 1.67 2.43 3.51 4.79 6.45 8.41

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



Moissanite Average Carat Weight (MOI)

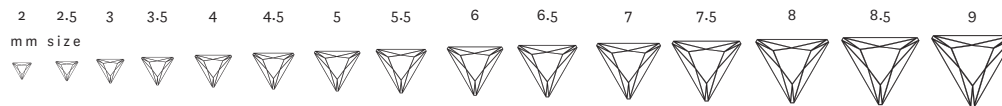
.11 .16 .24 .37 .51 .71 .91 1.18 1.50 1.88 2.28 2.78 3.28 3.94 4.62 5.29

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



Moissanite Average Carat Weight (MOI)

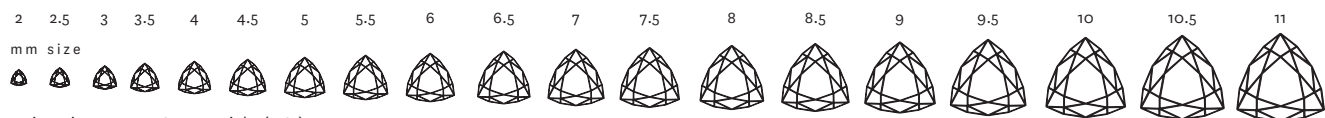
.02 .06 .09 .14 .21 .30 .40 .52 .67 .83 1.06 1.28 1.48 1.79 2.12

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



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

*For information on custom shapes & sizes please call 1.800.210.4367

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