

Diamond Proportions

All diamonds are cut differently, some better than others. Depending on how they are cut will depend on how nice the diamond is. For example, if the proportions are skewed or incorrect one side might be longer than the other and your diamond could be lopsided. In addition, the sparkle that you can get out of the diamond depends greatly on the proportions because of light refraction. Below you will find some of the proportions to look for with each basic shape that will help you get the most out of your diamond.

Depth Percentage - The depth of a stone measured from the table to the culet. It is expressed as a percentage of the stone's diameter at the girdle.

Table Size - The size of the table of a fashioned diamond is expressed as a percentage of the stone's narrow-girdle diameter. On a round brilliant, it is measured from corner to opposite corner, rather than from flat side to flat side.

Ratio: Is referred to the overall diamond in LENGTH to WIDTH.

Girdle - The outer edge, or periphery, of a fashioned stone; the portion that is usually grasped by the setting or mounting; the dividing line between the crown and pavilion.

ROUND BRILLIANT				
	Excellent	Very Good	Good	Fair / Poor
Depth %	59.0% - 61.0%	58.5% - 58.9% or 61.1% - 62.5%	58.0% - 58.4% or 62.6% - 63.0%	Outside the ranges
Table %	52.4% - 57.5 %	57.6% - 59.5%	59.6% - 62.5%	Outside the ranges
Ratio	1.00 : 1.00	1.001 - 1.005 : 1.00	1.006 - 1.01 : 1.00	Outside the ranges
Girdle	Medium, Faced	Thin to Thick, Faced	Very Thin to Very Thick, Faced	Outside the ranges

MARQUISE BRILLIANT				
	Excellent	Very Good	Good	Fair / Poor
Depth %	56.0% - 72.0%	52.0% - 55.9% or 72.1% - 75.0%	48.0% - 51.9% or 75.1% - 78.0%	Outside the ranges
Table %	53.0% - 57.9 %	58.0% - 61.0%	61.1% - 62.5%	Outside the ranges
Ratio	1.95 - 2.05 : 1.00	1.80 - 1.94 or 2.06 - 2.10 : 1.00	1.70 - 1.79 or 2.11 - 2.15 : 1.00	Outside the ranges
Girdle	Medium, Faced	Thin to Thick, Faced	Very Thin to Very Thick, Faced	Outside the ranges

OVAL BRILLIANT				
	Excellent	Very Good	Good	Fair / Poor
Depth %	56.0% - 65.0%	55.0% - 55.9% or 65.1% - 67.5%	54.0% - 54.9% or 67.6% - 70.0%	Outside the ranges
Table %	53.0% - 57.9 %	58.0% - 61.0%	61.1% - 62.5%	Outside the ranges
Ratio	1.45 - 1.55 : 1.00	1.35 - 1.44 or 1.56 - 1.60 : 1.00	1.30 - 1.34 or 1.61 - 1.65 : 1.00	Outside the ranges
Girdle	Medium, Faced	Thin to Thick, Faced	Very Thin to Very Thick, Faced	Outside the ranges

PEAR SHAPE				
	Excellent	Very Good	Good	Fair / Poor
Depth %	56.0% - 65.0%	55.0% - 55.9% or 65.1% - 67.5%	54.0% - 54.9% or 67.6% - 70.0%	Outside the ranges
Table %	53.0% - 57.9 %	58.0% - 61.0%	61.1% - 62.5%	Outside the ranges
Ratio	1.55 - 1.65 : 1.00	1.45 - 1.54 or 1.66 - 1.70 :1.00	1.35 - 1.44 or 1.71 - 1.75 : 1.00	Outside the ranges
Girdle	Medium, Facted	Thin to Thick, Facted	Very Thin to Very Thick, Facted	Outside the ranges

HEART SHAPE				
	Excellent	Very Good	Good	Fair / Poor
Depth %	56.0% - 65.0%	55.0% - 55.9% or 65.1% - 67.5%	54.0% - 54.9% or 67.6% - 70.0%	Outside the ranges
Table %	53.0% - 57.9 %	58.0% - 61.0%	61.1% - 62.5%	Outside the ranges
Ratio	1.00 - 1.05 : 1.00	1.06 - 1.10 : 1.00	1.11 - 1.20 : 1.00	Outside the ranges
Girdle	Medium, Facted	Thin to Thick, Facted	Very Thin to Very Thick, Facted	Outside the ranges

RADIANT CUT				
	Excellent	Very Good	Good	Fair / Poor
Depth %	60.0% - 63.0%	59.0% - 59.9% or 63.1% - 65.0%	58.0% - 58.9% or 65.1% - 70.0%	Outside the ranges
Table %	53.0% - 57.9 %	58.0% - 65.0%	65.1% - 75.0%	Outside the ranges
Ratio	1.00 - 1.20:1.00	1.21 - 1.25 :1.00	1.26 - 1.35 : 1.00	Outside the ranges
Girdle	Medium	Thin to Thick, Facted	Very Thin to Very Thick, Facted	Outside the ranges

EMERALD CUT				
	Excellent	Very Good	Good	Fair / Poor
Depth %	60.0% - 63.0%	59.0% - 59.9% or 63.1% - 65.0%	58.0% - 58.9% or 65.1% - 70.0%	Outside the ranges
Table %	53.0% - 57.9 %	58.0% - 65.0%	65.1% - 75.0%	Outside the ranges
Ratio	1.35 - 1.55 : 1.00	1.30 - 1.54 or 1.56 - 1.65 : 1.00	1.25 - 1.29 or 1.66 - 1.70 : 1.00	Outside the ranges
Girdle	Medium	Thin to Thick, Faced	Very Thin to Very Thick, Faced	Outside the ranges

ASSCHER CUT				
	Excellent	Very Good	Good	Fair / Poor
Depth %	59.0% - 65.0%	58.0% - 58.9% or 65.1% - 67.0%	57.0% - 57.9% or 67.1% - 70.0%	Outside the ranges
Table %	53.0% - 57.9 %	58.0% - 65.0%	65.1% - 70.0%	Outside the ranges
Ratio	1.00 - 1.05 : 1.00	1.06 - 1.09 : 1.00	1.10 - 1.12 : 1.00	Outside the ranges
Girdle	Medium	Thin to Thick, Faced	Very Thin to Very Thick, Faced	Outside the ranges

PRINCESS CUT				
	Excellent	Very Good	Good	Fair / Poor
Depth %	60.0% - 75.0%	59.0% - 59.9% or 75.1% - 77.0%	58.0% - 58.9% or 77.1% - 79.0%	Outside the ranges
Table %	53.0% - 57.9 %	58.0% - 65.0%	65.1% - 75.0%	Outside the ranges
Ratio	1.00 - 1.05 : 1.00	1.06 - 1.10 : 1.00	1.11 - 1.15 : 1.00	Outside the ranges
Girdle	Medium	Thin to Thick, Faced	Very Thin to Very Thick, Faced	Outside the ranges

CUSHION SHAPE				
	Excellent	Very Good	Good	Fair / Poor
Depth %	59.0% - 65.0%	58.0% - 58.9% or 65.1% - 67.0%	57.0% - 57.9% or 67.1% - 70.0%	Outside the ranges
Table %	53.0% - 57.9 %	58.0% - 65.0%	65.1% - 75.0%	Outside the ranges
Ratio	1.00 - 1.20 : 1.00	1.21 - 1.25 : 1.00	1.26 - 1.35 : 1.00	Outside the ranges
Girdle	Medium	Thin to Thick, Faced	Very Thin to Very Thick, Faced	Outside the ranges

Visual Representation

