Pavilion Depth

> ⓘ This parameter is applicable to all cuts, though the number of individual values may vary.

The pavilion depth (also known as pavilion height) is measured using main pavilion facets. It is measure for each main facet and then the average, minimum, maximum and deviation values are calculated. HPOxygen finds the lowest vertex of the whole model (it is one of the vertices of the culet or pavilion) and the highest vertex of each main facet.

blocked URL

Calculation

Search for "pavilion depth" in Stone Heights Calculation.

Reporting

Reported in	Section	Values	Units	Bookmarks	Names in Reports

All full reports	Main Parameters	Avg, Min, Max, Dev	%(diameter), mm	`PAVILION_HEIGHT_PC_AVG, PAVILION_HEIGHT_PC_MIN, PAVILION_HEIGHT_PC_MAX, PAVILION_HEIGHT_PC_DEV,`
				
				`PAVILION_HEIGHT_MM_AVG, PAVILION_HEIGHT_MM_MIN, PAVILION_HEIGHT_MM_MAX, PAVILION_HEIGHT_MM_DEV`
					Pavilion height

	Detailed Parameters	All 8 values (round brilliant and rounded fancies) or 4 values (other cuts)	%(diameter), mm	`PAVILION_HEIGHT_PC_1, ..., PAVILION_HEIGHT_PC_8,` `PAVILION_HEIGHT_MM_1, ..., PAVILION_HEIGHT_MM_8`	

Visualization in Appraisers

Value	Units	Bookmark	Tab	Parameter Name	Comment
Dev	%(diameter)	PAVILION_HEIGHT_PC_DEV	**Symmetry**	**PavilionDepth**	Defined as the maximum difference of Pavilion Depth measurements, i.e. the same as the deviation of Pavilion Depth value. As all symmetry parameters, it is an estimate of a deviation from perfect symmetry and should be zero for an ideal stone.