



SMOKY QUARTZ - Hole-in-One Cut

96 index gear • Ratio 1:1.540 • 12 mm x 19 mm • 18.2 carats

PAVILION

P1	43.00°	96-48	Cut to a center point
P2	65.00°	24-72	Cut to a girdle line
P3(G)	90.00°	24-72-96-48	

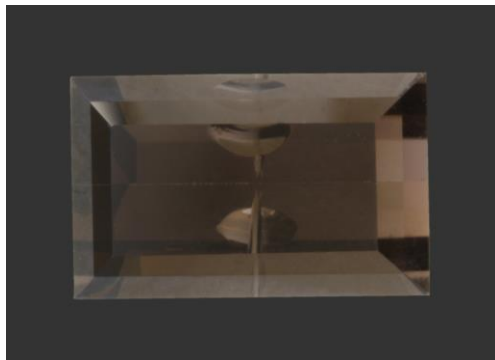
PAVILION - CONCAVE

CC1	45.30°	96 Tooth	Using an 11 mm round ball end tool with 1,200 Diamond Paste, put an indentation centered side-to-side, up and down on pavilion long side.
CC2	45.30°	48 Tooth	Using the slice tool on the side of stone centered on CC1, slice top to bottom (any length). Stop before girdle and end of pavilion.

The idea for this cut was to see if the slice would appear in the dimple on the other side. It does work - when viewed at the right angle. I think if the crown was smaller and had more angles or was concaved you would get a better effect.

CROWN

C1	52.00°	96-48	24-72	Cut to make girdle
C2	42.00°	96-48	24-72	Facet should match C1 in width
TABLE	00.00°			40% width of stone



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