

AMETHYST - One-Eyed Jack Cut

96 index gear • 15 mm • 10.2 carats

PAVILION

P1	42.00°	3-6-9-12-15-18-21-24-27-30-33-36-39-42-45-48-51-54-57-60-63-66-69 72-75-78-81-84-87-90-93-96 Cut to center point
P2(G)	90.00°	3-6-9-12-15-18-21-24-27-30-33-36-39-42-45-48-51-54-57-60-63-66-69 72-75-78-81-84-87-90-93-96 Cut a level girdle, meet P1
P3	45.00°	Remove the dop stick from the mast and install the 45° table adaptor. With the dop stick inserted in the table block, grind off the tip of the pavilion and polish. The flat pavilion should not be more than 50% the width of the stone.

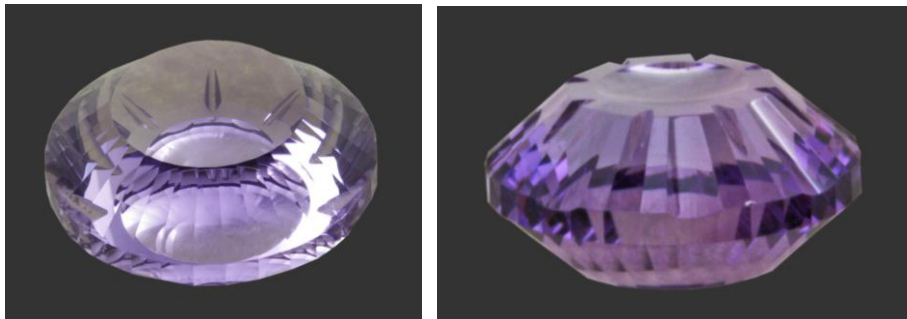
PAVILION - CONCAVE

All concave cutting was done using 1,200 Diamond Paste and polished with Cerium Oxide. The concave tools are the tools that come with the Ultra Tec Fantasy Machine.

Ball Tool		With an 11 mm ball tool, put a dimple in the center of the flat spot of the pavilion and polish (3/4 width of the flat pavilion).
8mm Mandrel	43.80°	96-12-24-36-48-60-72-84 Cut a concave facet just larger than the girdle facet.
Slice Tool	41.00°	6-18-30-42-54-66-78-90 The slice can be any length, it should start on the pavilion side and end just before touching the dimple on the flat bottom of the pavilion.

CROWN

C1	42.50°	3-6-9-12-15-18-21-24-27-30-33-36-39-42-45-48-51-54-57-60-63-66-69 72-75-78-81-84-87-90-93-96
TABLE	00.00°	Finish table size 8.50. This size works with this stone's width (15 mm).



Authorized factory representative for Ultra Tec Faceting Machines, Equipment & Accessories