



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.

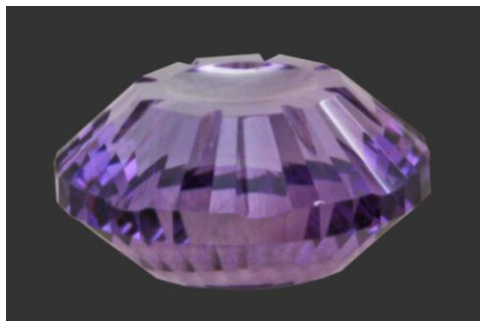
PAVILION - CONCAVE

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