

Torsades du Ruban

by Arya Akhavan (June 2018)

Facet Data

Pavilion facets	14	Pavilion tiers	2
Girdle facets	7	Girdle tiers	1
Crown facets	35+1	Crown tiers	4+1
Total facets	57	Total tiers	8

Size Data

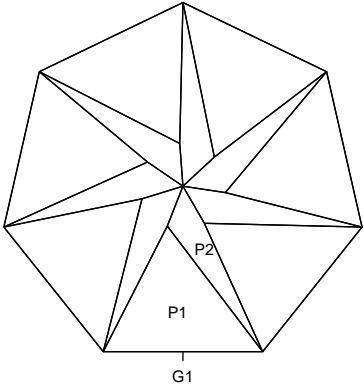
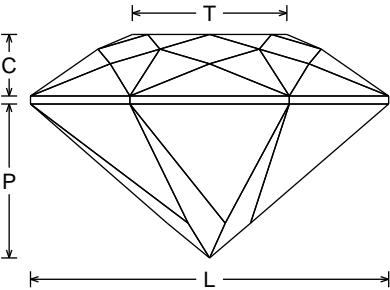
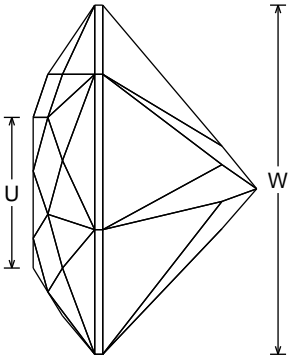
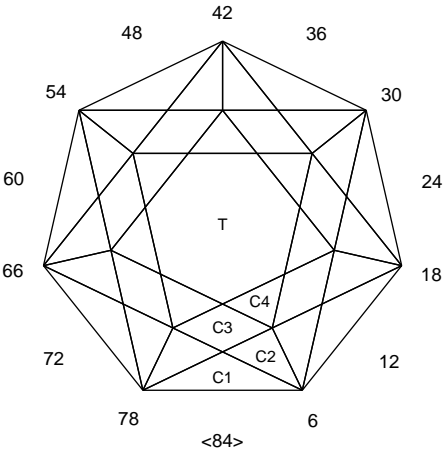
L/W	1.026	P/W	0.441
H/W	0.640	C/W	0.176
V/W^3	0.209	P/C	2.501

Design Data

Angles for R.I.	1.52
Symmetry	7-fold, radial
Index gear	84

Comments

I love designs with bars across the crown. I love the insane light output that odd-symmetry designs and spiral-symmetry designs have. I also found a bag of dark almandine garnets under my bed, and needed some designs to lighten them up. Written for dark almandine garnets (and would be great in chrome diopside or tourmaline), but looks good in materials from orthoclase to rutile (RI = 1.52 - 2.62) with no changes.



Pavilion

P1	43.50	84-12-24-36-48-60-72	Cut to centerpoint.
G1	90.00	84-12-24-36-48-60-72	Set stone size.
P2	42.00	01-13-25-37-49-61-73	Meet P1, G1

Crown

C1	40.00	84-12-24-36-48-60-72	Set girdle width.
C2	36.06	01-11-13-23-25-35-37-47-49-59-61-71-73-83	Meet G1, C1
C3	31.51	84-12-24-36-48-60-72	Meet C1, C2
C4	18.79	06-18-30-42-54-66-78	Meet C2, C3
T	0.00	Table	Meet C3, C4