



Shockwave Tourmaline

By Loren Brown, (c) 2018 RSA Gems

Angles for R.I. = 1.620

43 + 8 girdles = 51 facets

2-fold, mirror-image symmetry

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$L/W = 1.667$ $T/W = 0.912$ $U/W = 0.469$

$P/W = 0.639$ $C/W = 0.293$

$Vol./W^3 = 0.701$

PAVILION

G1	90.00°	96-48	
G2	90.00°	24-72	
G3	90.00°	12-36-60-84	about the same length as the ends, if not a little longer
P1	59.21°	96-48	establish girdle thickness and level
P2	48.44°	12-36-60-84	level girdle
P3	44.19°	24-72	level girdle
P4	55.00°	01-47-49-95	meet P1, P2, G1, G3
P5	45.00°	96-48	meet P1, P4, establishes centerline
P6	42.60°	01-47-49-95	Meet P2, P4, P5 slowly! Establishes CP
P7	43.61°	23-25-71-73	meet P2, P3, G2, G3
P8	41.07°	12-36-60-84	meet P2, P4, P5, P6

CROWN

C3	37.88°	24-72	level girdle
	34.75°	12-36-60-84	
	38.54°	03-45-51-93	
	48.41°	96-48	
	0.00°	Table	
	31.96°	09-39-57-87	

Simple design modified for tourmaline. Good brilliance

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