

Table 72-3 PAVILION ANGLES FOR THE 12 MAIN ELLIPSE (72 INDEX)

Ellipse Size (mm)	6 x 7	6 x 8	6 x 9	5 x 7	7 x 9	8 x 10
	12 x 14	12 x 16	12 x 18	10 x 14	14 x 18	16 x 20
	18 x 21	18 x 24	18 x 27	15 x 21	21 x 27	
	24 x 28	24 x 32	24 x 36	20 x 28	28 x 35	
INDEX SETTING						
72 - 36	47.4	51.2	54.4	52.5	50.2	49.4
04 - 32 - 40 - 68	46.8	50.0	52.6	51.1	49.1	48.5
10 - 26 - 46 - 62	44.7	45.9	46.7	45.2	45.6	45.3
18 - 54	43.0	43.0	43.0	43.0	43.0	43.0
01 - 35 - 37 - 71	48.9	52.6	55.8	53.9	51.6	50.8
03 - 33 - 39 - 69	48.6	51.0	54.8	53.2	51.1	50.3
05 - 31 - 41 - 67	48.0	50.9	53.2	51.8	50.1	49.5
09 - 27 - 45 - 63	46.5	48.0	49.2	48.5	47.7	47.3
12 - 24 - 48 - 60	45.5	46.2	46.6	46.4	46.0	45.8
16 - 20 - 52 - 56	44.6	44.7	44.7	44.7	44.7	44.7

Angles shown in the Table are elevation angles chosen so that no cheater adjustment should be necessary for the bearing angles.

All stones with the same ellipse proportions can be cut with the same angles and settings.

Calculations for this Table were made by R. H. Long.

