

## Axis Tilt Conversion Table

Arc (inches)	Axis Tilt (degrees)	Chord (inches)	Length (inches)	Comments
13.5	0	8.4987	26.70	Adjust for axis-tilt as if the player has lower ball speed. Higher ratio and Angle Sum.
13	3	8.4927	26.68	
12.5	7	8.4574	26.57	Use dual-angle layouts that retain axis tilt longer. Symm: 4.5-5.75" pin-PAP Asymm: 1-3" pin-PAP
12	10	8.3927	26.37	
<b>11.5</b>	<b>13</b>	<b>8.2991</b>	<b>26.07</b>	Ball-speed and Rev-rate relationship will determine dual-angle layout.
<b>11</b>	<b>17</b>	<b>8.1767</b>	<b>25.69</b>	
<b>10.5</b>	<b>20</b>	<b>8.0261</b>	<b>25.21</b>	
10	24	7.8477	24.65	Adjust for axis-tilt as if the player has higher ball-speed. Lower Ratio and Angle Sum.
9.5	27	7.6421	24.01	
9	30	7.4101	23.28	
8.5	33	7.1525	22.47	Use dual-angle layouts that lose axis-tilt faster. Symm: 3-4" pin-PAP Asymm: 4.5-5.75" pin-PAP
8	37	6.8701	21.58	
7.5	40	6.564	20.62	
7	44	6.2352	19.59	
6.5	47	5.8848	18.49	

