



Queen
Bee

King Bee

Worker
Bee

The Original Folding Travel Wheel

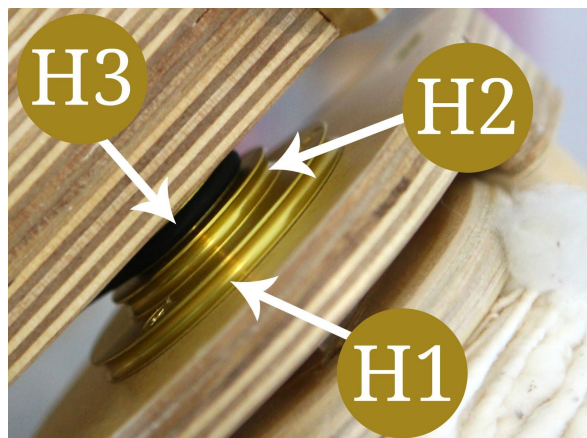
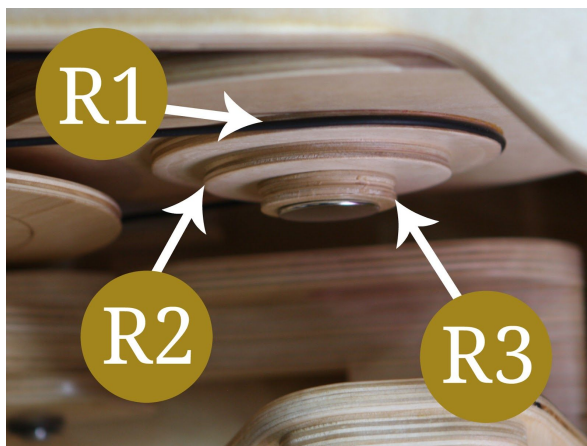
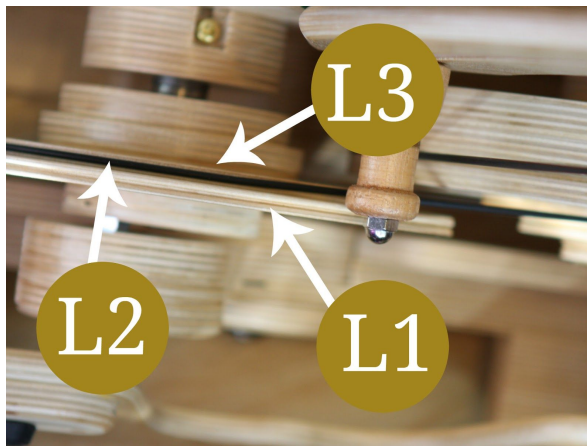
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v. 9.11.2018



King Bee Ratio Guide



King Bee Ratios

Sorted by Location on Wheel

Band Placement	Ratio	Yarn Weight
L1 + R2 + H1	1:8.5	Medium
L1 + R2 + H2	1:13	Fine
L1 + R2 + H3	1:19	X-Fine
L1 + R3 + H1	1:15	Fine
L1 + R3 + H2	1:24	X-Fine
L1 + R3 + H3	1:34	X-Fine
L2 + R1 + H1	1:5	Bulky
L2 + R1 + H2	1:8	Medium
L2 + R1 + H3	1:12	Fine
L3 + R1 + H1	1:4	Bulky
L3 + R1 + H2	1:6	Bulky
L3 + R1 + H3	1:9	Medium

Abbreviations

H = Head Whorl (3 total - H1, H2, H3)

L = Lower Left (2 total - L1 & L2)

R = Lower Right (3 total - R1, R2, R3)

1 is largest, 2 is smaller, 3 is smallest.

Just like ratios, the smaller the whorl the larger the number. The Ratios in both columns are the same. Only functional ratios are included.

King Bee Ratios

Sorted by Slow to Fast

Band Placement	Ratio	Yarn Weight
L3 + R1 + H1	1:4	Bulky
L3 + R1 + H2	1:6	Bulky
L3 + R1 + H3	1:9	Medium
L2 + R1 + H1	1:5	Bulky
L2 + R1 + H2	1:8	Medium
L1 + R2 + H1	1:8.5	Medium
L2 + R1 + H3	1:12	Fine
L1 + R2 + H2	1:13	Fine
L1 + R3 + H1	1:15	Fine
L1 + R2 + H3	1:19	X-Fine
L1 + R3 + H2	1:24	X-Fine
L1 + R3 + H3	1:34	X-Fine

Where to Begin?

- **Start with the band on L2 + R1.** Many spinners find this spectrum of ratios adequate for all their needs. *There is no need to adjust the lower drive band unless you need higher or lower ratios.*

- **Mid-Range:** Set the band on L1 + R2 if you need more speed than what L2 + R1 provides.

- **Highest Range:** Set the band on L1 + R3 for spinning x-fine and short staple length fibers.

- **Lowest Range:** Set the band on L3 + R1 for bulky or art yarn spinning.