



## Chris King™ Bottom Bracket Spacer Chart

Because we love you, we did the legwork of figuring out what spacers you need when running a Chris King™ bottom bracket with our cranks. We actually set up the bottom brackets and measured everything! You can purchase your spacers from Chris King™ or through us; nothing proprietary about either style/brand.

Due to manufacturing tolerances, your particular frame may have a slightly wider or narrower bottom bracket shell than the “standard” specifies, and these charts are based on “within spec” bottom bracket shells. It’s always a good idea to measure the width of your frame’s bottom bracket *before* you install the cups just to give you an idea of where you’re starting.

When installing the cranks, the bearing preload collar on the left (non-drive side) crank arm should be backed out against the crank arm before you start. As you tighten the second crank arm onto the spindle, pay attention to the bearing preload as you get closer to fully tight. If the bearings start to bind before you get to the torque spec, STOP! This means you have too many spacers and going further will destroy your bearings! Confirm which parts you have, get out the calipers, look at the chart, and recheck your work. If you end up with fewer spacers than the chart indicates (say, 1-2mm), that’s probably due to a slightly wide bottom bracket shell. Lastly, make sure the crank arms are fully torqued before adjusting the bearing preload collar.

## With White Industries R30 and G30 Cranks

- 91mm (+/-1mm) OBW (Outer Bearing Width)
  - OBW = BB shell + BB Cups + Spacers (if needed)
- Chris King describes these as “Wide” spindle road cranks on their spacer charts

		White Industries R30 and G30 Cranks			
Chris King Bottom Bracket Model	BB Shell Width (MM)	Left Spindle Spacer	Left BB Cup Spacer	Right BB Cup Spacer	Right Spindle Spacer
<b>BSA ThreadFit™ 30</b> (Kit 3 from King)	68	1.5	0	0	1
	73	Not possible	Not possible	Not possible	Not possible
<b>ThreadFit™ T47x</b> (Kit 5 from King)	68	1.5	0	0	1
	73	Not possible	Not possible	Not possible	Not possible
<b>ThreadFit™ T47i</b> (Kit 5 from King)	86.5	2.5	0	0	2
	91.5	Not possible	Not possible	Not possible	Not possible

## With White Industries M30 and A30 Cranks

- 96mm (+/-1mm) OBW (Outer Bearing Width)
  - OBW = BB shell + BB Cups + Spacers (if needed)
- Chris King describes these as “Narrow” spindle mountain cranks on their spacer charts

		White Industries M30 and A30 Cranks			
Chris King Bottom Bracket Model	BB Shell Width (MM)	Left Spindle Spacer	Left BB Cup Spacer	Right BB Cup Spacer	Right Spindle Spacer
<b>BSA ThreadFit™ 30</b> (Kit 3 from King)	68	1.5	2.5	2.5	1
	73	1.5	0	0	1
<b>ThreadFit™ T47x</b> (Kit 5 from King)	68	1.5	2.5	2.5	1
	73	1.5	0	0	1
<b>ThreadFit™ T47i</b> (Kit 5 from King)	86.5	2.5	2.5	2.5	2
	91.5	2.5	0	0	2