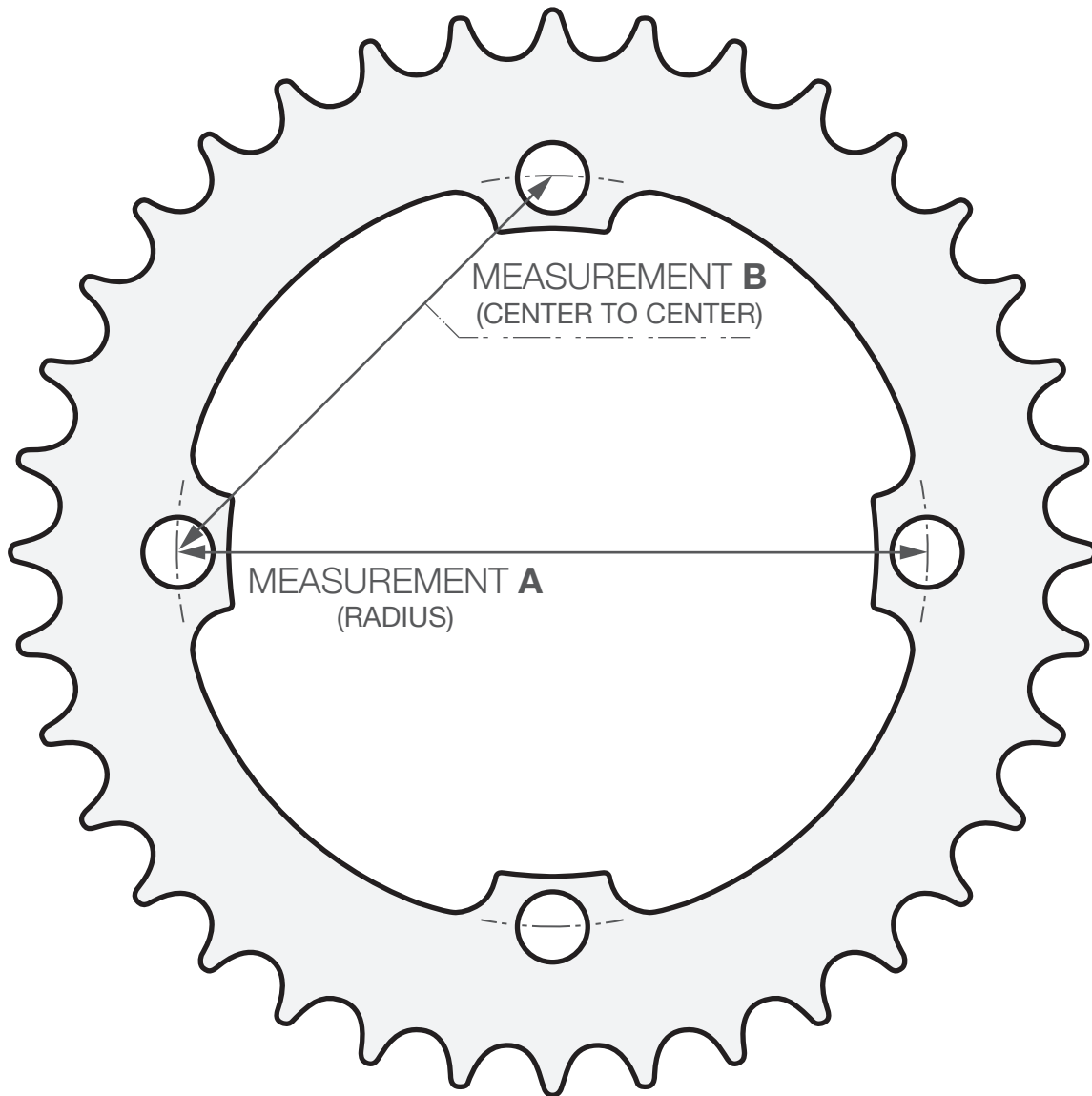


Bolt circle diameter or BCD is the imaginary circle that passes through the center of all the chainring mounting holes. Most e*thirteen chainrings, bashguards and cranks use the most common BCD for mountain bikes, 64/104. We also make guiderings specifically for 120BCD Sram cranks. Since measuring the actual BCD can be tricky, use this chart's B dimension to measure two adjacent bolt holes.



CHAINRING BCD MEASUREMENT

DISTANCE BETWEEN MEASUREMENT A	DISTANCE BETWEEN MEASUREMENT B	NUMBER OF BOLTS	APPLICATION
64MM	45.3MM	4	INNER CHAINRING
104MM	73.6MM	4	MIDDLE CHAINRING
120MM	84.9MM	4	SRAM 2X OUTER 53.5MM CHAINLINE