



**Threaded Bottom Bracket
Tool Compatibility**
Updated August 2021

		Figure	BB Cup Outside Diameter							BB Cup Notch Count		Bottom Bracket Fit Overview
Part Number	Part Name		A	B	C	D	E	F	G			
6460241	Shimano 16x44 II Wrench	1	44	46	42.7	-	-	-	-	-	16	44mm, 16-notch external bearing bottom bracket cups including Shimano® BB80, BB5700, XT® BB70, BB51, and previous external bearing threaded cups. Also fits many external threaded types for Campagnolo®, Chris King®, FSA® MegaExo®, Hope™, SRAM®/Truvativ® GXP®, Race Face® X-type, Surly®, Wheels®, and others. Also fits disc brake rotor lockrings with 16 external notches and Shimano® TL-FC24 and TL-FC25 adapters.
6460261	External BB Socket, 16x44	2	44	46.4	42.7	3/8"	10	23	-	-	16	See 6460241 above.
6460260	External BB Socket	2	44	44.3	42.9	1/2"	15	28	-	-	16	See 6460241 above except does not fit brake rotor lockrings or Shimano® TL-FC24 and TL-FC25 adapters.
6460295	BSA30 12x46 II Wrench	1	46	47	44	-	-	-	-	-	12	BSA30 and equivalent, 46mm, 12-notch external bearing bottom bracket cups including SRAM® DUB™, Zipp® Vuma™, Race Face® Cinch™, Rotor® BSA30, Hawk Racing™ BB3086™, and more.
6460280	Shimano 16x41 Wrench	1	41	41.9	39.1	-	-	-	-	-	16	41mm, 16-notch external bearing Shimano® BBR60 Ultegra® 11-speed 6800 series and Shimano® MT-800 bottom brackets.
6460290	Shimano 16x39 Wrench	1	39	40.5	37.6	-	-	-	-	-	16	39mm, 16-notch external bearing Shimano® XTR BB93 and Dura Ace BB9000 bottom brackets.
6460250	Shimano 6-Notch Wrench	1	42	44	41	-	-	-	-	-	6	6-notch Dura Ace® 7700 and XTR® 950 Cartridge Bottom Brackets and many other lockrings.
6460270	Shimano 8-Notch Wrench	1	38	39.8	36.8	-	-	-	-	-	8	8-notch Shimano® Octalink and ISIS Drive® cartridge type bottom bracket cups.
6460230	Campagnolo 6-Notch Wrench	1	42	43.2	37.9	-	-	-	-	-	6	Campagnolo 6-notch SC-S and AC-H, sealed cartridge, Veloce™, Xenon™, Mirage™, Daytona™, and Avanti™ Bottom Brackets.
6460202	Splined BB Socket	3	-	31.7	26.6	3/8"	30	41	24.3	19.5	20	Cartridge style BBs with square taper, Octalink®, ISIS Drive™, and other similar spindles including models from Box® Components, FSA®, Origin8®, Promax®, Race Face®, Shimano®, Sugino®, Sunlite®, Truvativ®, Velo Orange®, and others. Bottom bracket notches are internal.
6460201	Splined BB Socket	3	-	31.7	26.6	1/2"	30	41	24.3	19.5	20	See 6460202 above.
6460205	Campy BB & Cassette Socket	3	-	22.7	21.5	-	13	-	19.8	19	12	Campagnolo® Record™, Chorus™, Centaur™, and Athena™ cartridge style bottom brackets. Also fits Campagnolo® cassette lockrings.
6451230	Freewheel Socket, Multi-Speed	3	-	22.7	21.4	-	20	-	19.6	18.6	12	Campagnolo® Record™, Chorus™, Centaur™, and Athena™ cartridge style bottom brackets. Also fits Campagnolo® cassette lockrings and 12 spline, 22.7mm diameter 5-10 speed freewheels.

Note 1: All dimensions in millimeters unless otherwise specified.
 Note 2: BB cup outside diameter is approximate size for reference. Actual cup diameter may vary.
 Note 3: In some less common cases, BB cups will have a notch count different than noted but should be a multiple of the notch count. In example a SRAM DUB BSA30 BB has 24 notches (2x12).

Figure 1: Flat Wrenches

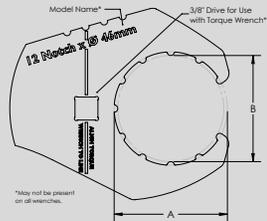


Figure 2: External Sockets

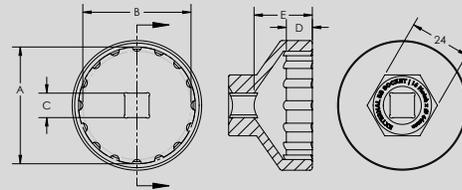


Figure 3: Splined Sockets

