

Threaded Bottom Bracket Tool Compatibility

Updated March 2025



SKU	Item Name	Figure Reference										Bottom Bracket Fit Overview
		BB Cup Outside Diameter										
		A	B	C	D	E	F	G	BB Cup Notch Count			
6460761	Pro BB Socket Insert, Shim. 16x44	2	44-45	45.8	42.6	3/8"	17	20	-	-	16	<p>44mm, 16-notch external bearing bottom bracket cups including: Shimano® BB80, BB5700, XT® BB70, BB51, and previous external bearing threaded cups, Centerlock disc rotor lockrings with 16 external notches, and TL-FC24 / TL-FC25. Answer® BMX Ceramic BBInfinite™ BSA Threaded, Italian Threaded, Box® Components Extremum RacePrep™, Two™ 24mm, C-Bear® BSA/ITA 24mm, Campagnolo®, and GXP® Campagnolo® Ekar Pro-Tech™ BSA and Italian threading, Ekar Pro-Tech™ T47 x 68, Power Torque™, Ultra-Torque®, CeramicSpeed® BB30 Shimano® / GXP®, BSA Threaded Shimano® / GXP®, Campagnolo® Ultra-Torque® T47 / BSA / Italian, Italian Threaded Shimano® / GXP®, T47/68 Shimano® / GXP® / Campagnolo® Ultra-Torque®, Chris King® ThreadFit™ 24 ELEVN Racing™ Euro BSA/BSC Bottom Brackets Enduro® BB30/30a TorqTite® GXP®, 24mm, and Campagnolo® Ultra-Torque®, BB86/92 TorqTite®, BSA and Italian Threaded 24mm, T47 External, FSA® MegaExo® Hawk Racing™ BSA, Italian Threaded</p>
6460762	Pro BB Socket Insert, Shim. 16x41	2	41	42.1	39.2	3/8"	17	20	-	-	16	<p>41mm, 16-notch external bearing Shimano® bottom brackets including:</p>
6460763	Pro BB Socket Insert, Shim. 16x39	2	39	40.7	37.7	3/8"	17	20	-	-	16	<p>39mm, 16-notch external bearing Shimano® bottom brackets including:</p>
6460764	Pro BB Insert, BSA30/DUB® 12x46	2	45-47	46.8	44	3/8"	17	20	-	-	12	<p>BSA30 and similar 46mm 12-notch external bearing bb cups including: SRAM® DUB™ BSA30 Zipp® Vuma™ RaceFace® BSA Cinch™ 30mm Rotor® BSA30 & T47 External 30mm, UBB 4630 BBright™ (drive side) Hawk Racing™ (BSA30 and BSA DUB®) C-Bear® (BSA 30mm, ITA 30mm, & DUB®) Cane Creek® (all except T47 internal)</p>
6460765	Pro BB Insert, T47 12x52	2	50-53	53.2	48.4	3/8"	17	20	-	-	12	<p>T47 52mm 12-notch bottom brackets including: BBInfinite™ T47 External All (drive side only) and T47 Internal All Chris King® ThreadFit™: T47 30i, T47 30x, T47 24i, T47 24x, T47A 24, T47A 30 and ThreadFit™ 30</p>
6460766	Pro BB Insert, Prax. 12x49	2	48-50	51.2	46.3	3/8"	17	20	-	-	12	<p>Praxis Works® bottom brackets including:</p>
6460767	Pro BB Insert, T47 16x52	2	52-54	53.8	48.8	3/8"	17	20	-	-	16	<p>T47 52mm 16-notch bottom brackets including: C-Bear® T45 24mm, 30mm, and DUB®, T47-BB86 Campagnolo® Ekar Pro-Tech™ T47x86 Cane Creek® T47 Internal CeramicSpeed® T47/86</p>
6460768	Pro BB Insert, T47 16x48.5	2	48-50	51.3	46.4	3/8"	17	20	-	-	16	<p>T47 48.5mm 16 notch bottom bracket and similar including: Box® Components Two™ Oversized M30 FSA® T47, MegaEvo®, BB386EVO, BB392EVO™ Crank to BSA Frame</p>
6460261	External BB Socket, 16x44	2	44	46.4	42.6	3/8"	10	23	-	-	16	See 6460761

Figure 1: Flat Wrenches

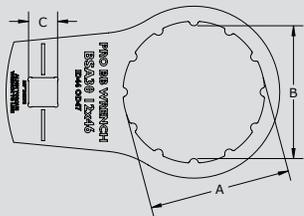


Figure 2: External Sockets

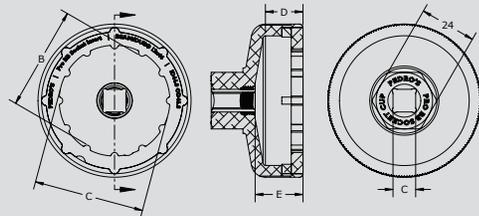
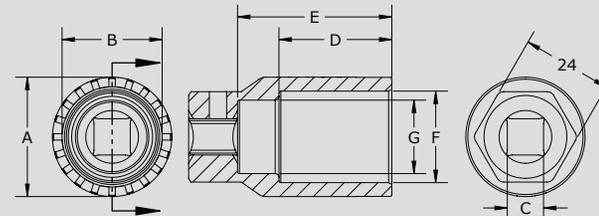


Figure 3: Splined Sockets



Notes:

1. All dimensions in millimeters unless otherwise specified.
2. BB cup outside diameter is approximate size for reference. Actual cup diameter may vary.
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)

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Figure Reference
BB Cup Outside Diameter
A B C D E F G
BB Cup Notch Count

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6460242	Pro BB Wrench, Shim. 16x44	1	44-45	46	42.6	3/8"	-	-	-	-	16	<p>44mm, 16-notch external bearing bottom bracket cups including:</p> <p>Shimano® BB80, BB5700, XT® BB70, BB51, and previous external bearing threaded cups, Centerlock disc rotor lockrings with 16 external notches, and TL-FC24 / TL-FC25.</p> <p>Answer® BMX Ceramic</p> <p>BBInfinite™ BSA Threaded, Italian Threaded,</p> <p>Box® Components Extremum RacePrep™, Two™ 24mm,</p> <p>C-Bear® BSA/ITA 24mm, Campagnolo®, and GXP®</p> <p>Campagnolo® Ekar Pro-Tech™ BSA and Italian threading, Ekar Pro-Tech™ T47 x 68, Power Torque™, Ultra-Torque®,</p> <p>CeramicSpeed® BB30 Shimano® / GXP®, BSA Threaded Shimano® / GXP®, Campagnolo® Ultra-Torque® T47 / BSA / Italian, Italian Threaded Shimano® / GXP®, T47/68 Shimano® / GXP® / Campagnolo® Ultra-Torque®, Chris King® ThreadFit™ 24</p> <p>ELEVN Racing™ Euro BSA/BSC Bottom Brackets</p> <p>Enduro® BB30/30a TorqTite® GXP®, 24mm, and Campagnolo® Ultra-Torque®, BB86/92 TorqTite®, BSA and Italian Threaded 24mm, T47 External,</p> <p>FSA® MegaExo®</p> <p>Hawk Racing™ BSA, Italian Threaded</p> <p>Hope™ BSA 24 mm</p> <p>IRD® ScramJet™</p> <p>Kogel™ BSA GXP®, T47 Outboard 24mm and GXP®,</p> <p>Origin8® Torqlite™ Outboard</p> <p>Phil Wood™ BSA Outboard</p> <p>Praxis Works® M24, Shimano®,</p> <p>Profile Racing® Euro Outboard</p> <p>Promax® Outboard</p> <p>Race Face® BSA 24mm</p> <p>Rotor® BSA GXP®, BSA Shimano®, T47 External 24mm,</p> <p>SRAM® GXP®</p> <p>Suntour® BB-BKA008-C</p> <p>Token® BB841T-41, BB841T-42, BB841T-42A, BB841T-46, BB841T-46A, BB4124C, BB4129QB, BB4130QB, T47R24, T47RGXP, TK877, TK878,</p> <p>Velo Orange® Threadless Repair</p> <p>Wheels Mfg™ BB30 Outboard, BB30A, BSA Threaded GXP® and 24mm, PF30 Outboard GXP® and 24mm, T47 Outboard GXP® and 24mm,</p> <p>White Industries™ BBE22T47, BBE24BSA, BBE24T47</p>
6460241	Shimano 16x44 II Wrench	1	44	46	42.7	3/8"	-	-	-	-	16	See 6460761
6460296	Pro BB Wrench, BSA30/DUB®12x46	1	45-47	47	44	3/8"	-	-	-	-	12	See 6460764
6460295	BB Wrench II, BSA30 12x46	1	46	47	44	3/8"	-	-	-	-	12	See 6460764
6460280	BB Wrench, Shimano® 16x41	1	41	41.9	39.1	-	-	-	-	-	16	See 6460762
6460290	BB Wrench, Shimano® 16x39	1	39	40.5	37.6	-	-	-	-	-	16	See 6460763
6460250	BB Wrench, Shimano® 6-Notch	1	42	44	41	-	-	-	-	-	6	6-notch Dura Ace® 7700 and XTR® 950 Cartridge Bottom Brackets and many other lockrings.
6460270	BB Wrench, Shimano® 8-Notch	1	38	39.8	36.8	-	-	-	-	-	8	8-notch Shimano® Octalink and ISIS Drive® cartridge type bottom bracket cups.
6460230	BB Wrench, Campagnolo® 6-Notch	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®, ISISDrive™, 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 Shimano®, Sun Race®, Sachs®, and other 12 spline, 22.7mm diameter 5-10 speed freewheels.

Figure 1: Flat Wrenches

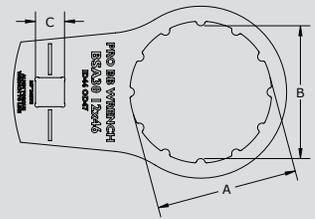


Figure 2: External Sockets

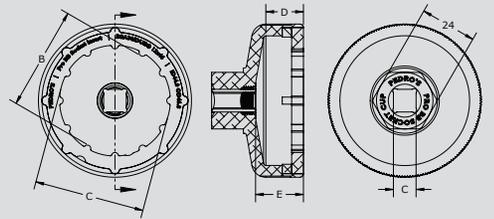
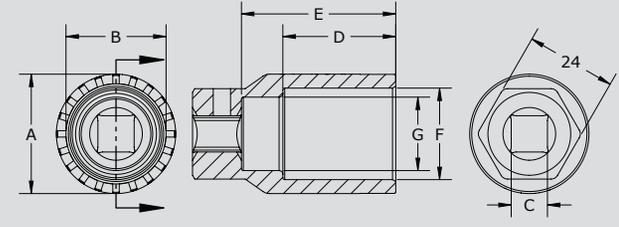


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