



Bottom Bracket Tool and Cup Compatibility

The first chart below tells you which tools fit White Industries bottom bracket cups. The second chart lists the specs for those tools. Most tool companies use two dimensions to describe their bottom bracket tools:

- Number of notches in the cup
- Outside diameter of the bottom bracket cup (next to the notches)
- Ex: 12 notch/46mm

If you already have a cup and aren't sure of the model, do these 5 things:

- Count the number of notches in the cup
- Measure the outside diameter of the cup (next to the notches)
- Measure the internal diameter of the bearing (it will be 22mm, 24mm, 29mm, or 30mm)
- Match these specs with the tool description/specs (see chart, pg 4)
- Pay attention to the tool's bearing "pilot" diameter (if it has one). That's the "nub" that slides into the bearing and helps stabilize the tool when tightening. A 30mm pilot will not fit a 24mm bearing and a 24mm pilot will not add stability when used in a 30mm bearing.

Some of our bottom brackets (BBE24T47, BBE29T47, BBE30T47, BBE29PF30, BBE30PF30) incorporate two spline patterns to allow more flexibility in tool selection. But if you have a choice, purchase/use the tool that fits the smaller of the two spline patterns. This allows for better engagement of the tool on the cup and will help prevent tool slippage.

BB Tool & Cup Chart

White Industries Bottom Bracket Model	Description	Cup Notches/Diameter (some cups have two different splines built in)	Tools *This is not a comprehensive list. Be careful of cheap, off-brand Amazon stuff!
Square taper (all models)	BSA threads Square taper 17mm spindle	Cup: 20-notch/31.8mm Lockring: 6-notch/44mm inner/41mm tooth dia.	Cup: Park BBT-22 or BBT-32, Shimano TL-UN52 or TL-UN74-S Lockring: Pedro's "Shimano" 6-notch #6460250
BBE24BSA	BSA threads External cups 24mm spindles	16 notch/44mm	Park BBT-9 Park BBT-19.2 Park BBT-69.2 Abbey Tools BB Common Enduro BBT-015 Enduro TorqTite spanner Shimano TL-FC33
BBE29BSA	BSA threads External cups 29mm spindles	12 notch/46mm	Abbey BSA30 Park BBT-79 to BBT-79.3 Race Face Cinch spanner
BBE30BSA	BSA threads External cups 30mm spindles	12 notch/46mm	Park BBT-79 to BBT-79.3 Abbey BSA30 Enduro BBT-015 Race Face Cinch spanner
BBE24T47	T47 threads, External cups 24mm spindles	16 notch/44mm (use this one if possible) or 16 notch/52.2mm	Park BBT-9 Park BBT-19.2 Park BBT-69.2 Abbey Tools BB Common Park BBT-47 Abbey OSB "TT" Enduro BBT-015 Enduro BBT-025 Enduro TorqTite spanner Shimano TL-FC33
BBE29T47	T47 threads, External cups 29mm spindles	12 notch/46mm (use this one if possible) or 16 notch/52.2mm	Park BBT-79 to 79.3 Abbey OSB "TT" Abbey BSA30 Enduro BBT-025 Enduro TorqTite spanner Race Face Cinch spanner
BBE30T47	T47 threads External cups 30mm spindles	12 notch/46mm (use this one if possible) or 16 notch/52.2mm	Park BBT-79 to BBT-79.3 Abbey OSB "TT" Abbey BSA30 Enduro BBT-015 Enduro BBT-025 Enduro TorqTite spanner

BBE30T47HD	T47 threads, External cups 30mm spindle Heavy duty 30mm bearing	16 notch/52.2mm	Abbey OSB "TT" Park BBT-47 Enduro BBT-025 Enduro TorqTite spanner
BBI24T47	T47 threads, Internal cups 24mm spindles	16 notch/52.2mm	Abbey OSB "TT" Park BBT-47 Enduro BBT-025 Enduro TorqTite spanner
BBI29T47	T47 threads Internal cups 29mm spindles	16 notch/52.2mm	Abbey OSB "TT" Park BBT-47 Enduro BBT-025 Enduro TorqTite spanner
BBI308692T47	T47 threads Internal cups 30mm spindles	16 notch/52.2mm	Abbey OSB "TT" Park BBT-47 Enduro BBT-025 Enduro TorqTite spanner
BBE29PF30	PressFit30 Thread-together 46mm O.D. cups 29mm spindles	12 notch/46mm (use this one if possible) or 16 notch/52.2mm	Abbey OSB "TT" Abbey BSA30 Park BBT-79 to BBT-79.3 Enduro BBT-025 Enduro TorqTite spanner
BBE30PF30	PressFit30 Thread-together 46mm O.D. cups 30mm spindles	12 notch/46mm (use this one if possible) or 16 notch/52.2mm	Abbey OSB "TT" Abbey BSA30 Park BBT-79 to BBT-79.3 Enduro BBT-015 Enduro BBT-025 Enduro TorqTite spanner
BBI30BB8692	BB86/BB92 41mm O.D. cups 30mm spindles	No splines Press fit	Use a bearing press

Tool Specs

Tool	Notches/Diameter	Notches/Diameter (for double sided tools)	Style
Park BBT-9	16 notch/44mm	NA	Spanner wrench
Park BBT-19.2	16 notch/44mm	NA	3/8" drive socket
Park BBT-69.2 to 69.4	16 notch/44mm	NA	3/8" drive socket
Park BBT-79 to 79.3	12 notch/46mm	NA	3/8" drive socket
Park BBT-47-16	16 notch/52.2mm, No pilot	NA	3/8" drive socket (compatible with Park's "Bottom Bracket Tool Retaining System")
Enduro BBT-015	16 notch/44mm, 24mm pilot	12 notch/46mm, 30mm pilot	3/8" drive double sided socket with bearing pilots
Enduro BBT-025	16 notch/52.2mm, 30mm pilot	16 notch/52.2mm, 24mm pilot	3/8" drive double sided socket with bearing pilots
Enduro TorqTite spanner	16 notch/52.2mm	16 notch/44mm	Combo spanner wrench
Race Face Cinch spanner	12 notch/46mm	NA	Spanner wrench
Abbey Common	16 notch/44mm	NA	3/8" drive socket
Abbey BSA30	12 notch/46mm	NA	3/8" drive socket
Abbey OSBB "TT"	16 notch/52.2mm	NA	3/8" drive socket
Pedro's 6 Notch Shimano Spanner	6-notch/44mm inner/41mm tooth dia.	NA	Spanner wrench
Shimano TL-FC33	16 notch/44mm	NA	3/8" drive socket
Shimano TL-UN52	20 notch/31.8	NA	32mm hex
Shimano TL-UN74-S	20 notch/31.8	NA	32mm hex
Shimano TL-UN65	20 notch/31.8	VA	32mm hex & 1/2" drive socket