



## **Bottom Bracket Tool and Cup Compatibility**

The first chart below tells you which tools fit our bottom bracket cups. The second chart lists the specs for those tools. Most tool companies use 2 dimensions to describe their bottom bracket tools:

- Outside diameter of the bottom bracket cup (around/above the notched area)
- Number of notches in the cup

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

- Measure the outside diameter of the cup (next to the notches)
- Count the number of notches in the cup
- Measure the internal diameter of the bearing
- 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!

For some of our bottom brackets, tools with matching notches/diameters may not be listed as compatible because that particular tool may have a bearing "pilot" that is too big for the bearing in that bottom bracket. Conversely, if the tool's bearing pilot is smaller than the bearing listed for that bottom bracket, we added a "\*" to show that it will fit, but will function simply as a socket-type tool, without the added stability of the bearing pilot.

## BB Tool & Cup Chart

<b>White Industries Bottom Bracket Model</b>	<b>Description</b>	<b>Cup Notches/Diameter</b> (some cups have 2 different splines built in)	<b>Tools</b>  *This is not a comprehensive list. Be careful of cheap, off-brand Amazon stuff!
<b>Square taper, all models</b>	BSA threads, square taper, 17mm spindle	<b>Cup:</b> 20-notch/31.8mm <b>Lockring:</b> 6-notch/44mm inner/41mm tooth dia.	<b>Cup:</b> Park BBT-22 or BBT-32, Shimano TL-UN52 or TL-UN74-S  <b>Lockring:</b> Pedro's "Shimano" 6-notch #6460250
<b>BBE24BSA</b>	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
<b>BBE29BSA</b>	BSA threads, external cups, 29mm spindles	12 notch/46mm	Abbey BSA30 Park BBT-79 Race Face Cinch spanner
<b>BBE30BSA</b>	BSA threads, external cups, 30mm spindles	12 notch/46mm	Abbey BSA30 Park BBT-79 Enduro BBT-015 Race Face Cinch spanner
<b>BBE22T47**</b>	T47 threads, external cups, GXP 22mm/24mm spindles	16 notch/44mm or 16 notch/52.2mm	Park BBT-9 Park BBT-19.2 Park BBT-69.2 Abbey Tools BB Common Enduro TorqTite spanner Shimano TL-FC33
<b>BBE24T47**</b>	T47 threads, external cups, 24mm spindles	16 notch/44mm or 16 notch/52.2mm	Park BBT-9 Park BBT-19.2 Park BBT-69.2 Abbey Tools BB Common Abbey OSB "TT" Enduro BBT-015 Enduro BBT-025 Enduro TorqTite spanner Shimano TL-FC33
<b>BBE29T47</b>	T47 threads, external cups, 29mm spindles	12 notch/46mm or 16 notch/52.2mm	Abbey OSB "TT" Abbey BSA30 *Park BBT-47 Park BBT-79 *Enduro BBT-025 Enduro TorqTite spanner Race Face Cinch spanner

<b>BBE30T47</b>	T47 threads, external cups, 30mm spindles	12 notch/46mm or 16 notch/52.2mm	Abbey OSB "TT" Abbey BSA30 Park BBT-47 Park BBT-79 Enduro BBT-015 Enduro BBT-025 Enduro TorqTite spanner
<b>BBE30T47HD</b>	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
<b>BBI22T47</b>	T47 threads, internal cups, GXP spindles	16 notch/52.2mm	Abbey OSB "TT" Enduro TorqTite spanner
<b>BBI24T47</b>	T47 threads, internal cups, 24mm spindles	16 notch/52.2mm	Abbey OSB "TT" Park BBT-47 Enduro BBT-025 Enduro TorqTite spanner
<b>BBI29T47</b>	T47 threads, internal cups, 29mm spindles	16 notch/52.2mm	Abbey OSB "TT" *Park BBT-47 *Enduro BBT-025 Enduro TorqTite spanner
<b>BBI306873T47</b> <b>BBI308692T47</b>	T47 threads, internal cups, 30mm spindles	16 notch/52.2mm	Abbey OSB "TT" Park BBT-47 Enduro BBT-025 Enduro TorqTite spanner
<b>BBE29PF30</b>	PressFit30 style, thread-together 46mm OD cups, 29mm spindles	12 notch/46mm or 16 notch/52.2mm	Abbey OSB "TT" Abbey BSA30 Park BBT-79 *Park BBT-47 *Enduro BBT-025 Enduro TorqTite spanner
<b>BBE30PF30</b>	PressFit30 style, thread-together 46mm OD cups, 30mm spindles	12 notch/46mm or 16 notch/52.2mm	Abbey OSB "TT" Abbey BSA30 Park BBT-79 Park BBT-47 Enduro BBT-015 Enduro BBT-025 Enduro TorqTite spanner
<b>BBI30BB8692</b>	BB86/BB92 style (41mm OD cups), 30mm spindles	No splines, press fit	Use a bearing press

\* The bearing "pilot" on these tools is smaller than the bearing on this bottom bracket so the tool will work but will function like a socket-type tool, without the added stability of the bearing pilot

\*\*Some older versions use a 16 notch/41mm outer spline and work with the Park BBT-59.2 tool

We offer two BB tools for sale on our website:

- **BBT-025** Enduro double sided socket (16 notch/52.2mm-24mm/30mm), \$80 Retail
- **TLEWRENCH** Enduro combo spanner wrench (16 notch/52.2mm & 12 notch/44mm), \$32 Retail

## Tool Specs

Tool	Notches/Diameter	Notches/Diameter (for double sided tools)	Style
<b>Park BBT-9</b>	16 notch/44mm	NA	Spanner wrench
<b>Park BBT-19.2</b>	16 notch/44mm	NA	3/8" drive socket
<b>Park BBT-69.2</b>	16 notch/44mm	NA	3/8" drive socket
<b>Park BBT-79</b>	12 notch/46mm	NA	3/8" drive socket
<b>Park BBT-47</b>	16 notch/52.2mm, 24mm & 30mm pilot	12 notch/50.4mm, 24mm pilot	3/8" drive double sided socket with bearing pilots
<b>Enduro BBT-015</b>	16 notch/44mm, 24mm pilot	12 notch/46mm, 30mm pilot	3/8" drive double sided socket with bearing pilots
<b>Enduro BBT-025</b>	16 notch/52.2mm, 30mm pilot	16 notch/52.2mm, 24mm pilot	3/8" drive double sided socket with bearing pilots
<b>Enduro TorqTite spanner</b>	16 notch/52.2mm	16 notch/44mm	Combo spanner wrench
<b>Race Face Cinch spanner</b>	12 notch/46mm	NA	Spanner wrench
<b>Abbey Common</b>	16 notch/44mm	NA	3/8" drive socket
<b>Abbey BSA30</b>	12 notch/46mm	NA	3/8" drive socket
<b>Abbey OSBB "TT"</b>	16 notch/52.2mm	NA	3/8" drive socket
<b>Shimano TL-FC33</b>	16 notch/44mm	NA	3/8" drive socket
<b>Shimano TL-UN52</b>	20 notch/31.8	NA	32mm hex
<b>Shimano TL-UN74-S</b>	20 notch/31.8	NA	32mm hex
<b>Shimano TL-UN65</b>	20 notch/31.8	VA	32mm hex & 1/2" drive socket