

BOTTOM BRACKET CUPS & TOOLS

- *Phil* BB cups, installation tools and cartridges have been manufactured since we began in 1971
- Every *Phil* cartridge is compatible with our cups and tools
- E-Type derailleurs use *Phil* BB Cups with an extended width drive side & *Phil* lockring (BMRBE)
- All *Phil* BB cups use the *Phil* BB cup installation tool
- British and Italian anodized alloy cups are *Teflon impregnated* providing compatibility with aluminum and titanium BB shells



Bottom Bracket Cartridge Cups

Bottom Bracket Cups & Cup Installation Tools

Part #	Description	Thread	gm	Web
BMRBI	British – Stainless Steel	1.370 x 24 tpi – RH & LH	34	\$ 35.00
BMRBA	British – Anodized Alloy	1.370 x 24 tpi – RH & LH	11	41.00
BMRBE	British – SS - Wider drive cup & LH lockring	1.370 x 24 tpi – RH & LH	41	54.00
BMRII	Italian – Stainless Steel	36mm x 24 tpi	34	35.00
BMRIA	Italian – Anodized Alloy	36mm x 24 tpi	11	43.00
BMRFI	French – Stainless Steel **	35mm x 1mm	34	44.00
BMRSI	Swiss – Stainless Steel **	35mm x 1mm – RH & LH	34	44.00
BMRRI	Raleigh Super Corsa – Stainless Steel **	1.370 x 26 tpi – RH & LH	24	44.00
BMRCS	Chater Lea – Steel	1.450 x 26 tpi – RH & LH	36	44.00
BMRTC0	Portable Installation Tool (“Consumer” tool)		40	14.00
BMRTS0	Professional Shop Installation Tool		275	42.00

** These cups are available in alloy but are not appropriate for use in aluminum or titanium Bottom Bracket shells

Tech Notes – Cartridge / Cup Features

- *Phil* 68mm BB Cartridges are compatible with 68, 70 & 73mm shells
- Cartridges for 68mm shells have approximately 2.5mm extending from both sides of the shell. This allows approximately +/- 2.5mm of fine tuning for chain line adjustment
- The 68mm cartridge, when used in a 73mm shell will allow the rings to be flush with the shell while still maintaining an adjustable chainline.
- Damaged British threads may be tapped to Italian threading on the damaged side only and use a combination of British & Italian cups
- On tours, one tool is practical. For ease of installation, two tools speed up the install & alignment process
- *Phil* Wood BB cups **MUST BE** installed with the supplied *Phil* thread / sleeve retaining compound (TSRB00 or equivalent) when used in steel, aluminum, and titanium bottom bracket shells.