

Bottom Bracket Set (ISIS)



BBI 40



BBI 30



BBI 20



BBI 10



BBI 21



BBI 11

Model No.	BBI40		BBI30	BBI20	BBI21	BBI10	BBI11
Type	ISIS		ISIS	ISIS		ISIS	
Material	Axle	SCM435(Hollow)		SCM435(Hollow)		SCM435(Hollow)	
	Cups	Alloy W/Nylok		Alloy W/Nylok	Engineering Polymers (Cylindrical)	Engineering Polymers (Neck Contraction)	Steel (Cylindrical) Steel (Neck Contraction)
	Sleeve	Alloy		Engineering Polymers	Engineering Polymers		Steel
	Stopper	Steel		Alloy	SCM415		SCM415
Bearing	Seal Cartridge		Seal Cartridge	Seal Cartridge		Seal Cartridge	
Shell Width	68(S) / 73(L)mm	105(X)mm	68(S) / 73(L)mm	68(S) / 73(L)mm		68(S) / 73(L)mm	
Spindle Length	108(C)* / 113(G) / 118(J)mm	148(Z)mm	108(C)* / 113(G) / 118(J)mm	108(C)* / 113(G) / 118(J)mm		108(C)* / 113(G) / 118(J)mm	
Cup Thread	BC 1.37 x 24T(B)		BC 1.37 x 24T(B) / M36 x 24T(M)**	BC 1.37 x 24T(B) / M36 x 24T(M)**		BC 1.37 x 24T(B) / M36 x 24T(M)**	
Axle Thread	M12 x P1.0		M15 x P1.0	M15 x P1.0		M15 x P1.0	
Finish	Black		Black	Black		Black	
Weight	366g(68/L113mm)	428g	154g(68/L113mm)	236g(68/L113mm)	236g(68/L113mm)	228g(68/L113mm)	228g(68/L113mm)

*Only shell width 68mm

**Italian-Cup with All RH Thread

SUNWAVE

Bottom Bracket Set (Square Taper)



BBS 20
BBS 22 (E-Type)



BBS 15
BBS 17 (E-Type)



BBS 10
BBS 12 (E-Type)



BBS 05



BBS 04



BBS 21



BBS 16



BBS 11



BBS 03

Model No.	BBS20	BBS21	BBS22	BBS15	BBS16	BBS17	BBS10	BBS11	BBS12	BBS05	BBS04	BBS03	
Type	Square		Square (E-Type***)	Square		Square (E-Type***)	Square		Square (E-Type***)	Square	Square		
Material	Axle	SCM415(Hollow)		10B21		10B21		10B21		10B21	10B21		
	Cups	Alloy		Steel		R:Steel / L:Engineering Polymers		Steel (W/Waterproof Seal)		Steel (W/Waterproof Seal)	Steel	Steel	
	Sleeve	Alloy (Cylindrical)	Alloy (Neck Contraction)	Alloy (Cylindrical)	Steel (Cylindrical)	Steel (Neck Contraction)	Steel (Cylindrical)	Steel (Cylindrical)	Steel (Neck Contraction)	Steel (Cylindrical)	Engineering Polymers	×	×
	Stopper	Engineering Polymers		Engineering Polymers		Engineering Polymers		Engineering Polymers		×	×	×	
Bearing	Seal Cartridge		Seal Cartridge		Seal Cartridge		Seal Cartridge		Ball Cage		Ball Cage		
Shell Width	68(S) / 70(M) / 73(L)mm		68(S) / 70(M) / 73(L)mm		68(S) / 70(M) / 73(L)mm		68(S) / 70(M) / 73(L)mm		68(S) / 70(M)		68(S) / 70(M)		
Spindle Length	103* / 107 / 111 / 113.5 / 115 / 116(H) / 118(J) / 119 / 122 / 127(U)mm		103* / 107 / 111 / 113.5 / 115 / 116(H) / 118(J) / 119 / 122 / 127(U)mm		103* / 107 / 111 / 113.5 / 115 / 116(H) / 118(J) / 119 / 122 / 127(U)mm		103* / 107 / 111 / 113.5 / 115 / 116(H) / 118(J) / 119 / 122 / 127(U)mm		113(G) / 114.5 / 116(H) / 117.5 / 118.5 / 120(L) / 121.5 / 122.5(O) / 124(Q) / 125.5 / 127(U) / 129 / 130mm		113(G) / 114.5 / 116(H) / 117.5 / 118.5 / 120(L) / 121.5 / 122.5(O) / 124(Q) / 125.5 / 127(U) / 129 / 130mm		
Cup Thread	BC 1.37 x 24T(B) / M36 x 24T(M)**		BC 1.37 x 24T(B) / M36 x 24T(M)**		BC 1.37 x 24T(B) / M36 x 24T(M)**		BC 1.37 x 24T(B) / M36 x 24T(M)**		BC 1.37 x 24T(B) / M36 x 24T(M)**		BC 1.37 x 24T(B) / M36 x 24T(M)**		
Axle Thread	M8 x P1.0 Flange Screw		M8 x P1.0 Flange Screw		M8 x P1.0 Flange Screw		M8 x P1.0 Flange Screw		M8 x P1.0 Flange Screw		M8 x P1.0 Flange Screw		
Finish	Silver		Black		Black		Black		Black		Black		
Weight	252g (68/L113.5mm)	252g (68/L113.5mm)	252g (68/L113.5mm)	338g (68/L113.5mm)	338g (68/L113.5mm)	338g (68/L113.5mm)	324g (68/L113.5mm)	324g (68/L113.5mm)	324g (68/L113.5mm)	360g (68/L120mm)	338g (68/L117.5mm)	338g (68/L121.5mm)	

*Only shell width 68mm.

**Italian-Cup with All RH Thread.

***E-Type bottom bracket is for use with bottom bracket mount front derailleurs.

SUNRACE

Bottom Bracket Cup & Axle



Model No.	BBC52	BBC51	BBC41	BBC36	BBC35	BBC22	BBC21	BBC11
Bearing	Ball Cage		Ball Cage	Ball Cage		Ball Cage		Ball Cage
Cup Thread	BC 1.37 x 24T(B)		BC 1.37 x 24T(B) / M36 x 24T(M)**	BC 1.37 x 24T(B)	BC 1.37 x 24T(B) / M36 x 24T(M)**	BC 1.37 x 24T(B) / M36 x 24T(M)**		BC 1.37 x 24T(B) / M36 x 24T(M)**
Material	Steel		Steel	Steel		Steel		Steel
Finish	CP/UCP/EDB/Black		CP/UCP/EDB/Black	CP/UCP/EDB/Black		CP/UCP/EDB/Black		CP/UCP/EDB/Black
Weight	148g	146g	136g	136g	124g	124g	126g	128g
Note	For Chain case		×	×		×	W/ Waterproof Seal	×

**Italian-Cup with All RH Thread

Model No.	BBASB
Type	Square
Axle Bolt / Nut	Bolt
For Bracket Width	68(S) / 70(M) / 73(L)mm
Center Length	52(S) / 54(M) / 56(N) / 57(L)mm
Spindle Length	113~134.5mm
Axle Material	10B21
Finish	Black
Weight	114g(68/L117.5mm)

SUBWAY