



CINCH CRANKS - Q FACTORS AND CHAINLINES - REV. F

Crank	RF Spindle code (Length in brackets)	Q-Factor (mm)	Chainline RF Direct mount ring 3X 104/64 BCD Spider 1X 104 BCD DH spider (mm)	Chainline BMX 1X Spider (mm)	Chainline 2X 104/64 BCD spider 2X 120/80 BCD spider (mm)	Chainline “Boost” 2X 104/64 BCD Spider (mm)
Next SL - Cinch	RF134 (134.5)	168	51 57.5 - Flipped Ring	47.5	49.5	52.5
	RF143 (143.5)	177	55.5 62 - Flipped Ring	52	54	57
	RF149 (149.5)	183	58.5 65 - Flipped Ring	55	57	60
	RF169 (169.5)	203	68.5 75 - Flipped Ring	65	67	70
	RF189 (189.5)	223	78.5 85 - Flipped Ring	75	77	80
SixC - Cinch	RF131BM (131.5)	170	48.5 55 - Flipped Ring	45	47	50
	RF136DH (136.5)	175	51 57.5 - Flipped Ring	48	49.5	52.5
	RF151DH (151.5)	190	58.5 65 - Flipped Ring	55	57	60
Turbine - Cinch	RF134 (134.5)	178	51 57.5 - Flipped Ring	47.5	49.5	52.5
	RF143 (143.5)	187	55.5 62 - Flipped Ring	52	54	57
	RF149 (149.5)	193	58.5 65 - Flipped Ring	55	57	60
	RF169 (169.5)	213	68.5 75 - Flipped Ring	65	67	70
	RF189 (189.5)	233	78.5 85 - Flipped Ring	75	77	80
Atlas - Cinch	RF131BM (131.5)	173	48.5 55 - Flipped Ring	45	47	50
	RF136DH (136.5)	178	51 57.5 - Flipped Ring	48	49.5	52.5
	RF151DH (151.5)	193	58.5 65 - Flipped Ring	55	57	60
Aeffect – Cinch	RXC (135)	173	50-52 56.5-58.5 - Flipped Ring	46.5-48.5	48.5-50.5	51.5-53.5
	XCP (144)	182	54.5-56.5 61-63 - Flipped Ring	51-53	53-55	56-58
	AM83(156)	189	57.5-60.5 64-67 - Flipped Ring	54-57	56-59	59-62
	XCF100 (167)	205	66-68 72.5-74.5 - Flipped Ring	62.5-64.5	64.5-66.5	67.5-69.5
	XCF190 (190)	228	77.5-79.5 84-86 - Flipped Ring	74-76	76-78	79-81

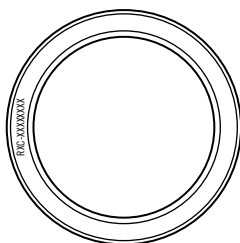
CRANKS – BB SHELL COMPATIBILITY CHART - REV. F

RF Spindle Diameter	RF Spindle code (Length in brackets)	BSA 68/73mm	BB92 BB89.5	BB30 68/73 mm	PF30 68/73 mm	392 EVO	BSA 83mm	BB107 BB104.5	PF30 83mm	BSA 100mm	BB124 BB121.5	PF30 100mm	BSA 120mm	BB144 BB141.5	PF30 120mm
30mm	RF134 RF136DH RF143	✓	✓	✓ *	✓	✓ *	✗	✗	✗	✗	✗	✗	✗	✗	✗
	RF149 RF151DH	✗	✗	✗	✗	✗	✓	✓	✓	✗	✗	✗	✗	✗	✗
	RF169	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✗	✗	✗
	RF189	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓
	RF131BM	✗	✗	✓ *	✓ *	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
24mm EXI	RXC (135) DXC (135) AM (141) DHF(144) XCP(144)	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
	AM83 (156) DHF83 (159)	✗	✗	✗	✗	✗	✓	✓	✓	✗	✗	✗	✗	✗	✗
	XCF100 (167) DHF100 (173)	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✗	✗	✗
	XCF190 (190)	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✗	✗	✗

Please refer to Raceface BB instructions for specific spacer setup information.

*BB not currently supplied by Raceface.

EXI Spindles can be identified by the 3 letter code on the Non-drive crank end



30mm spindles can be identified by the RF number code on the centre of the spindle



INTENDED REAR HUB WIDTH FOR SPINDLES - REV. F

Typical bike type	Rear hub width	RF Spindle code
BMX	120	RF131BM (works with BMX spider only)
Regular MTB, Plus bikes	135/142/148*	RF134, RF136DH, RXC, DXC, AM, DHF
DH/FR bikes, Plus bikes	150/157	RF143*, RF149, RF151DH, XCP*, AM83, DHF83
Fat bikes	165/170/177	AM83†, RF149†, RF151DH†, RF169, XCF100, DHF100
	190/197	RF169†, XCF100†, DHF100†, RF189, XCF190

*Combination works only when a boost spider is used for 2X setups, 1X direct mount rings are compatible with both regular and boost setups. These spindle/rear hub combinations will give the narrowest possible Q-factor.

†Combination works only for 1X direct mount setups where the ring is flipped; this gives a narrower Q-factor setup. Not suitable for 2X setups.



30MM CRANKS AND BBS – SPACER SETUP INFO - REV. F

BB type and cup spacer setup		BSA 68mm DS: 2.5 +2.5. NDS: 2.5 BSA 73mm DS: 2.5. NDS: None BB92 2.5 red spacer installed on sleeve 392EVO None	BB89.5 No 2.5 red spacer installed on sleeve	BB30 68mm None PF30 68mm (Internal cups) None	BB30 73mm None PF30 73mm (Internal cups) None	Raceface PF30 68mm 2.5 each side Raceface PF30 73mm No cup spacers
Spindle type and spacer setup	RF134 RF136DH	None	DS: 2.5	DS: 11.5+2.5+2.5 NDS: 11.5+2.5	DS: 11.5+2.5 NDS: 11.5	DS:2.5
	RF143	DS: 1+1+2.5 NDS: 1+1+2.5	DS: 2.5+1+1+2.5 NDS: 1+1+2.5	DS: 11.5+2.5+2.5 +2.5+1+1 NDS: 11.5+2.5+2.5+1+1	DS: 11.5+2.5+2.5 +1+1 NDS: 11.5+2.5+1+1	DS: 2.5+2.5+1+1 NDS: 2.5+1+1

BB type and cup spacer setup		BB30 68mm None PF30 68mm (Internal cups) None
Spindle type and spacer setup	RF131BM	DS: 11.5+2.5 NDS: 11.5

BB type and cup spacer setup		BSA 120mm DS: 2.5 +2.5 NDS: 2.5 BB144 2.5 red spacer installed on sleeve	BB141.5 No 2.5 red spacer installed on sleeve	BB30 120mm PF30 120mm (Internal cups)	Raceface PF30 120mm 2.5 each side
Spindle type and spacer setup	RF189	DS:1.5 NDS: 1.5	DS: 2.5+1.5 NDS: 1.5	DS: 1.5+2.5+2.5+1.5 NDS: 11.5+2.5+1.5	DS:2.5+1.5 NDS: 1.5



30MM CRANKS AND BBS – SPACER SETUP INFO - REV. F

BB type and cup spacer setup		BSA 100mm DS: 2.5 +2.5 NDS: 2.5 BB124 2.5 red spacer installed on sleeve	BB121.5 No 2.5 red spacer installed on sleeve	BB30 100mm PF30 100mm (Internal cups)	Raceface PF30 100mm 2.5 each side
Spindle type and spacer setup	RF169	DS:1.5 NDS: 1.5	DS: 2.5+1.5 NDS: 1.5	DS: 11.5+2.5+2.5+1.5 NDS: 11.5+2.5+1.5	DS:2.5+1.5 NDS: 1.5
	RF189	DS:11.5 NDS: 11.5	DS: 2.5+11.5 NDS: 11.5	DS: 11.5+2.5+2.5+11.5 NDS: 11.5+2.5+11.5	DS:2.5+11.5 NDS: 11.5

BB type and cup spacer setup		BSA 83mm DS: 2.5 +2.5 NDS: 2.5 BB107 2.5 red spacer installed on sleeve	BB104.5 No 2.5 red spacer installed on sleeve	BB30 83mm PF30 83mm (Internal cups)	Raceface PF30 83mm 2.5 each side
Spindle type and spacer setup	RF149 RF151DH	None	DS: 2.5	DS: 11.5+2.5+2.5 NDS: 11.5+2.5	DS: 2.5