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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

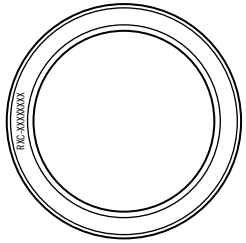
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CRANKS – BB SHELL COMPATIBILITY CHART - REV. F

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

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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.

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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

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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
	RF143	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