

SRAM[®]

2018 MTB Components

Frame Fit
Specifications



General Notes

All dimensions are in millimeters unless otherwise noted.

Images in this document are not to scale.

Your product's appearance may vary slightly from the images in this document.

Information in this document is subject to change without prior notice.

If you have any questions please contact your SRAM® representative.

Front Derailleurs

Leave adequate clearance between bottle cage mounts and front derailleur clamp. Be sure to consider the full travel range for suspension frames.

α = Chainstay angle (angle between seat tube and chainstay).

SRAM does not create a unique front derailleur for BOOST™ 148 standard frames.

To achieve front derailleur compatibility for BOOST 148 Standard frames, frame manufacturers must modify the low direct mount or high direct mount front derailleur mounting plane 3 mm outboard for proper alignment with a 52 mm chainline.

Rear Derailleurs

All SRAM rear derailleurs are compatible with all existing axle standards and hub widths, if the following specifications are respected.

BOOST™ is a trademark owned by Trek Bicycle Corporation.

Table of Contents

Rear Derailleurs

Hanger Specifications	Chainstay Length / Rear Derailleur Mounting Clearance	Chain / Cassette Frame Clearance
..... 9	 11	 13
Hanger Thickness	Rear Derailleur Frame Clearance	Hanger Straightness
..... 10	 12	 14
		Cable Routing
		Cable Housing Stop Dimensions 15

Front Derailleurs

Overview	GX™/X5™ Low Direct Mount	GX™/X5™ High Direct Mount
..... 17	 25	 32
BOOST™ 148 Compatibility	GX™/X5™ High Direct Mount	GX™/X5™ High Direct Mount
..... 18	 29	 33
GX™/X5™ Low Clamp Mount	GX™/X5™ High Direct Mount	GX™/X5™ Mid Direct Mount
..... 19	Standard, BOOST™ 148, and Fatbikes 30	 34
GX™/X5™ High Clamp Mount	GX™/X5™ High Direct Mount	
..... 22	Standard, BOOST™ 148, and Fatbikes 31	

Cranksets

Crank Boot

Clearance Information 36

DUB™ Cranks

XX1® Eagle™ DUB™/X01® Eagle DUB

XX1® Eagle™ DUB™

Drive Side Frame Clearance - BOOST™ and
non-BOOST 39

XX1® Eagle™ DUB™

Non-Drive Frame Clearance 40

X01® Eagle™ DUB™

Drive Side Frame Clearance - BOOST and
non-BOOST 41

X01® Eagle™ DUB™

Non-Drive Frame Clearance 42

XX1® Eagle™ DUB™/X01® Eagle DUB - Fatbike

Drive Side Frame Clearance 43

XX1® Eagle™ DUB™/X01® Eagle DUB - Fatbike

Non-Drive Frame Clearance 44

X1™ Carbon Eagle™ DUB™/Descendant™ Carbon Eagle DUB/Style® Carbon Eagle DUB

X1™ Carbon Eagle® DUB™/Descendant™ Carbon Eagle DUB/Style® Carbon Eagle DUB

Drive Side Frame Clearance - BOOST and
non-BOOST 46

X1™ Carbon Eagle® DUB™/Descendant™ Carbon Eagle DUB/Style® Carbon Eagle DUB

Non-Drive Frame Clearance 47

X1™ Carbon Eagle® DUB™/Descendant™ Carbon Eagle DUB/Style® Carbon Eagle DUB - Fatbike

Drive Side Frame Clearance - BOOST and
non-BOOST 48

X1™ Carbon Eagle® DUB™/Descendant™ Carbon Eagle DUB/Style® Carbon Eagle DUB - Fatbike

Non-Drive Frame Clearance 49

GX™ Eagle™ DUB™

GX™ Eagle™ DUB™

Drive Side Frame Clearance - BOOST and
non-BOOST 51

GX™ Eagle™ DUB™

Non-Drive Frame Clearance 52

GX™ Eagle™ DUB™ - Fatbike

Non-Drive Frame Clearance 53

GX™ Eagle™ DUB™ - Fatbike

Non-Drive Frame Clearance 54

Descendant™ 7K Eagle™ DUB™

Descendant™ 7K Eagle™ DUB™
Drive Side Frame Clearance - BOOST and non-BOOST 56

Descendant™ 7K Eagle™ DUB™
Non-Drive Frame Clearance..... 57

Descendant™ 6K Eagle™ DUB™

Descendant™ 6K Eagle™ DUB™
Drive Side Frame Clearance - BOOST and non-BOOST 59

Descendant™ 6K Eagle™ DUB™
Non-Drive Frame Clearance..... 60

Stylo® 7K Eagle DUB

Stylo® 7K Eagle DUB
Drive Side Frame Clearance - BOOST and non-BOOST 62

Stylo® 7K Eagle DUB
Non-Drive Frame Clearance..... 63

Stylo® 7K Eagle DUB - Fat 4
Drive Side Frame Clearance..... 64

Stylo® 7K Eagle DUB - Fat 4
Non-Drive Frame Clearance..... 65

Stylo® 6K Eagle DUB

Stylo® 6K Eagle DUB
Drive Side Frame Clearance..... 67

Stylo® 6K Eagle DUB
Non-Drive Frame Clearance..... 68

Stylo® 6K Eagle DUB - Fat 4
Drive Side Frame Clearance..... 69

Stylo® 6K Eagle DUB - Fat 4
Non-Drive Frame Clearance..... 70

24 mm/30 mm Spindle Cranksets

1x11 & 1x7 Cranksets

X01® DH

Crankset Frame Clearance 73

Descendant™ DH

Crankset Frame Clearance 74

NX™

Crankset Frame Clearance 75

NX™ - BOOST™ 148 Compatible

Crankset Frame Clearance 76

NX™ Power Spline™

Crankset Frame Clearance 77

NX™ Power Spline™ - BOOST™ 148 Compatible

Crankset Frame Clearance 78

NX™ - Fatbike

Crankset Frame Clearance 79

2x11 Cranksets

GX™-1400

Crankset Frame Clearance 81

GX™-1400 - BOOST™ 148 Compatible

Crankset Frame Clearance 82

GX™-1400 - Fatbike

Crankset Frame Clearance 83

GX™-1200

Crankset Frame Clearance 84

GX™-1200 - BOOST™ 148 Compatible

Crankset Frame Clearance 85

GX™-1000

Crankset Frame Clearance 86

GX™-1000 - BOOST™ 148 Compatible

Crankset Frame Clearance 87

2x10 Cranksets

GX™-1200

Crankset Frame Clearance 89

GX™-1000/X5™

Crankset Frame Clearance 90

GX™-1000 - BOOST™ 148 Compatible

Crankset Frame Clearance 91

GX™-1000/X5™ - Fatbike

Crankset Frame Clearance 92

3x10 Cranksets

X5™

Crankset Frame Clearance 94

E-MTB Cranksets

S800E/X1™-1000E/EX1 - BOSCH™ - Compatible

Crankset Frame Clearance 96

S800E/X1™-1000E/EX1 - BOSCH™ & BOOST™ - Compatible

Crankset Frame Clearance 97

Bottom Brackets

Bottom Bracket Shell Specifications

BSA 68/73/83/100 Bottom Bracket Shell Specifications 100	PressFit™ MTB 89.5/92 Bottom Bracket Shell Specifications 102	BB30™ Information..... 104
PressFit™ Information..... 101	PressFit™ MTB 104.5/107/121 Bottom Bracket Shell Specifications 103	PressFit 30™ Bottom Bracket Shell Specification 105

DUB™ Bottom Brackets

DUB™ BSA 68/73 Bottom Bracket Specification.....107	DUB™ PressFit™ MTB Bottom Bracket Specification..... 109	DUB™ BB30™ Bottom Bracket Specification..... 111
DUB™ BSA 100 Bottom Bracket Specification..... 108	DUB™ PressFit 30™ Bottom Bracket Specification..... 110	

PressFit GXP/PressFit 30 Bottom Brackets

PressFit™ GXP® 89.5/92 Bottom Bracket Specification.....113	PressFit™ GXP® 121 Fatbike Bottom Bracket Specification..... 115
PressFit™ GXP® 104.5 DH/107 DH Bottom Bracket Specification.....114	PressFit 30™ Bottom Bracket Specification..... 116

Wheels & Hubs

Maxle™ Description Decoder Maxle Ultimate™ Frame / Fork Clearance 119	Maxle Lite™ & Maxle™ Frame / Fork Clearance 121	Maxle™, Maxle Lite™, Maxle Ultimate™, Maxle Stealth™ Fork Specification.....123
Maxle Stealth™ 120	Maxle™, Maxle Lite™, Maxle Ultimate™, Maxle Stealth™ Rear Frame Specification 122	Maxle™, Maxle Lite™, Maxle Ultimate™, Maxle Stealth™ Fork Specification.....124

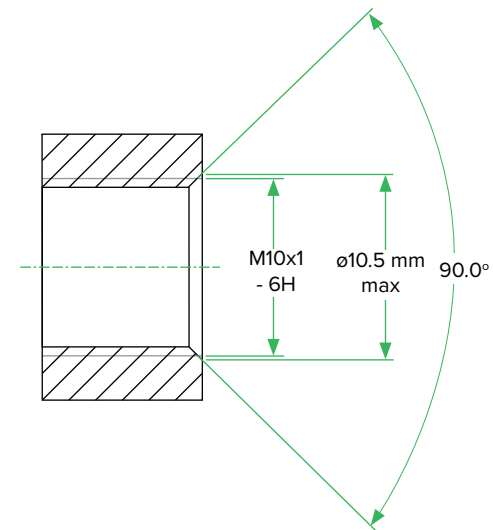
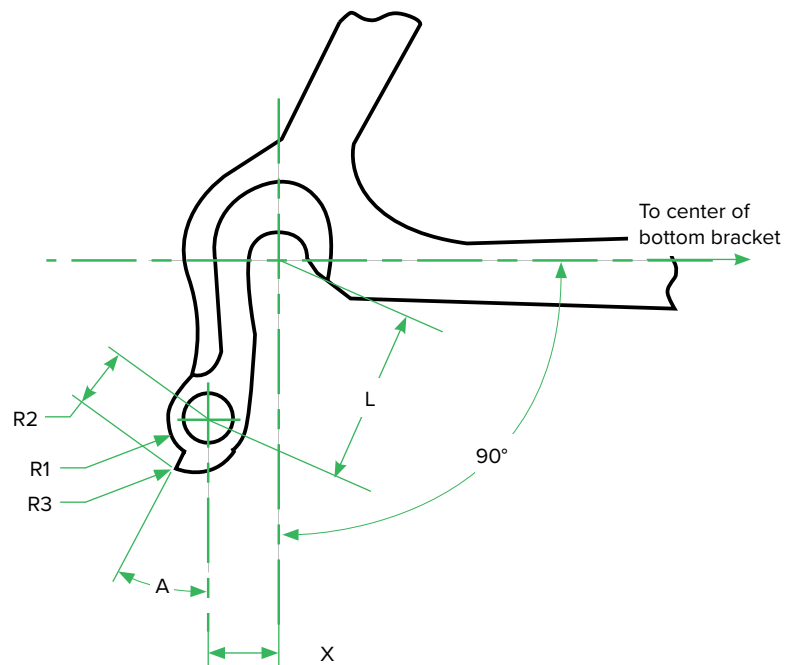
Rear Derailleurs

All SRAM® rear derailleurs are compatible with all existing axle standards and hub widths, if the following specifications are respected.

Hanger Specifications

Rear Derailleur Hanger Specifications

L	X	A	R1	R2	R3
Hanger material hardness: HRB > 86					
30-34	7.5-10	25°-30°	8-8.5	12.5-14.5	max. 0.5



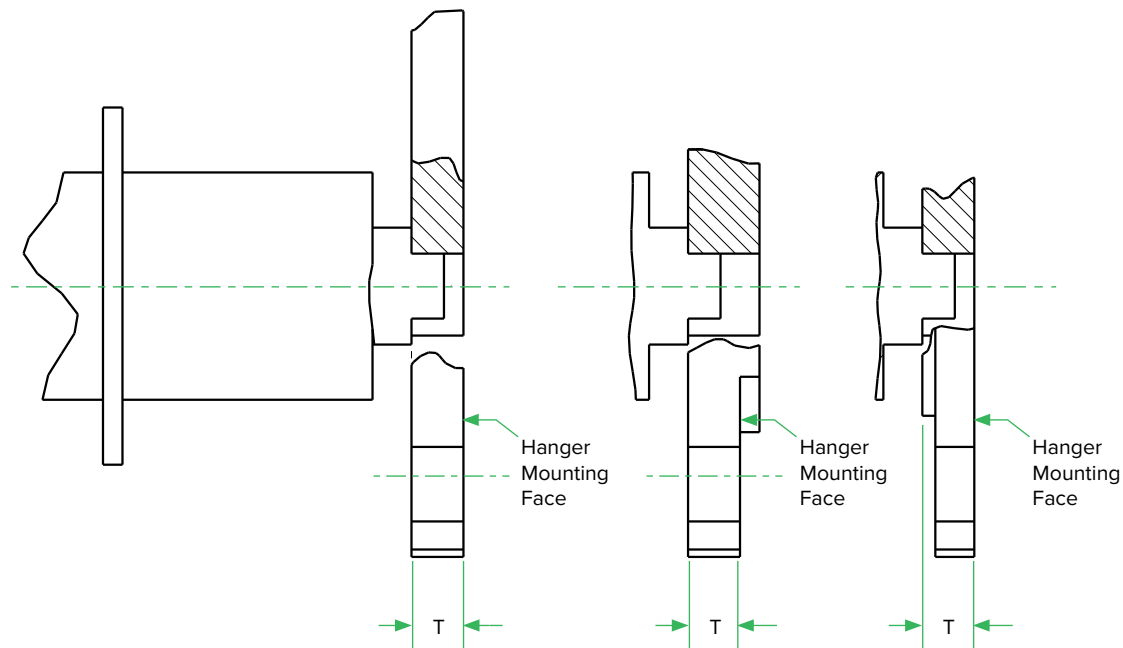
For any dimension outside of these specs, depending on the combination of all the variables, the performance of the drivetrain may be compromised. Please contact your account manager for further technical information.

Hanger Thickness

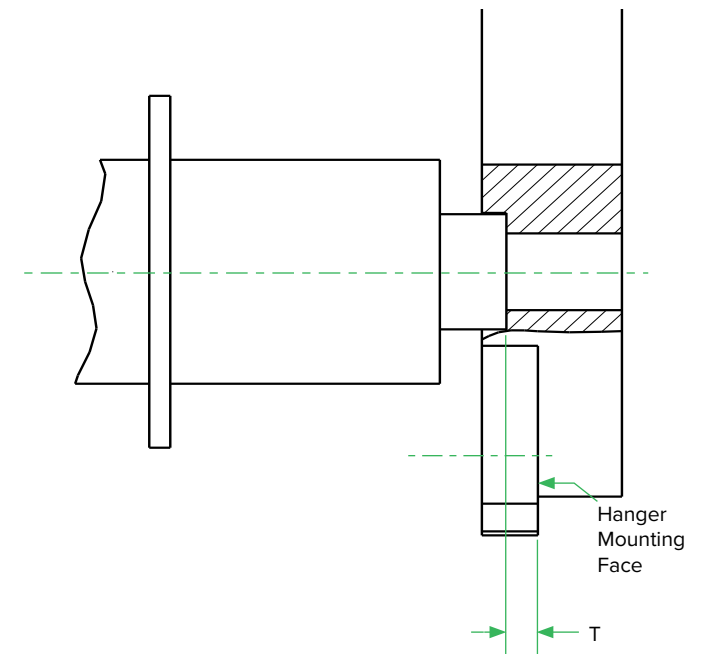
	T (mm)
Quick Release	8-9
Thru Axle	4.5-5.5 (3.5mm frame slot)

For any dimension outside of these specs, depending on the combination of all the variables, the performance of the drivetrain may be compromised. Please contact your account manager for further technical information.

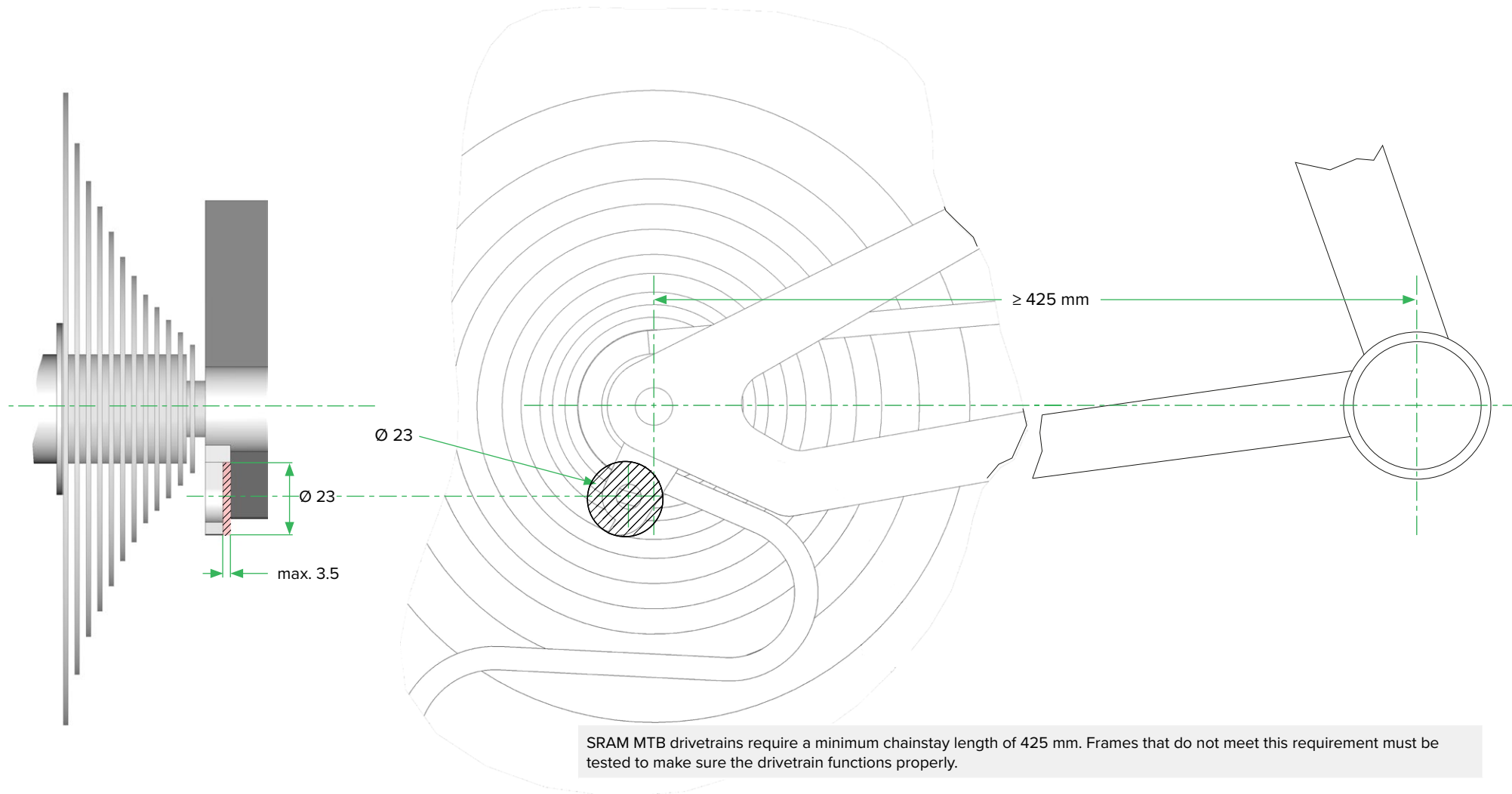
Quick Release



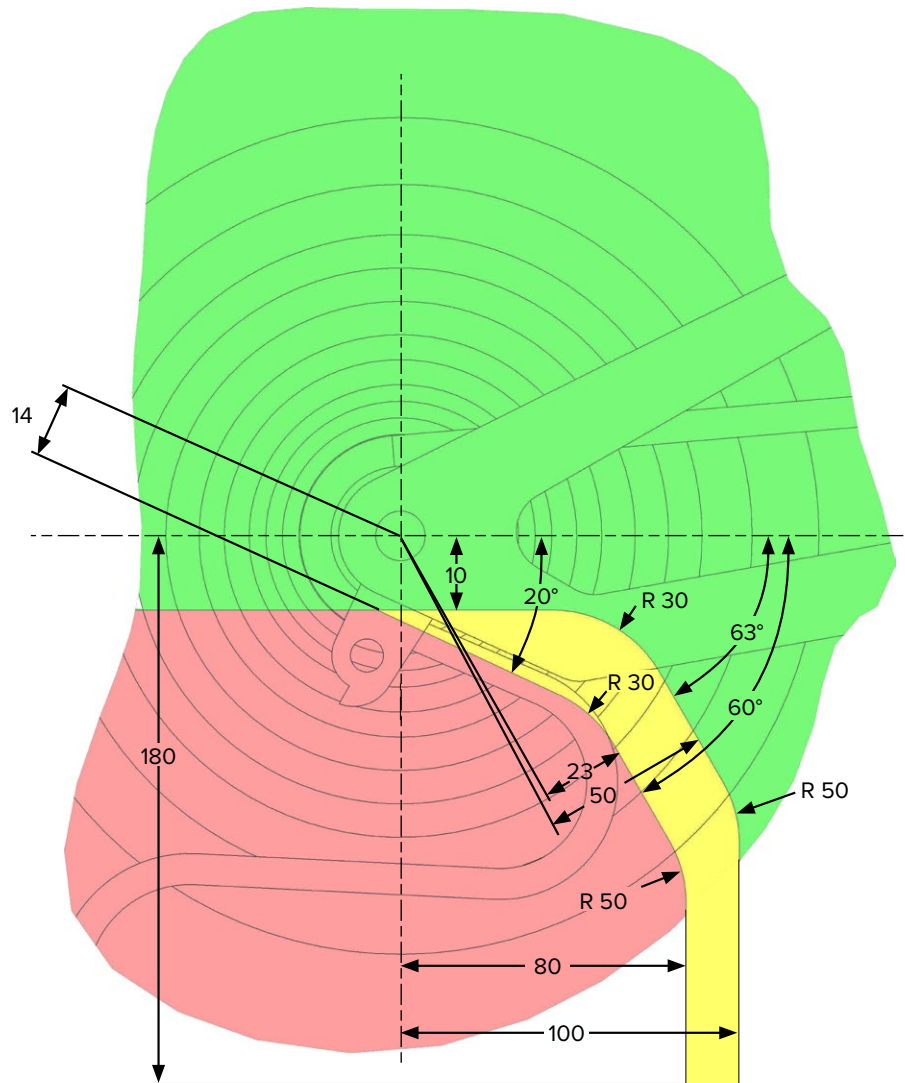
Thru Axle



Chainstay Length / Rear Derailleur Mounting Clearance

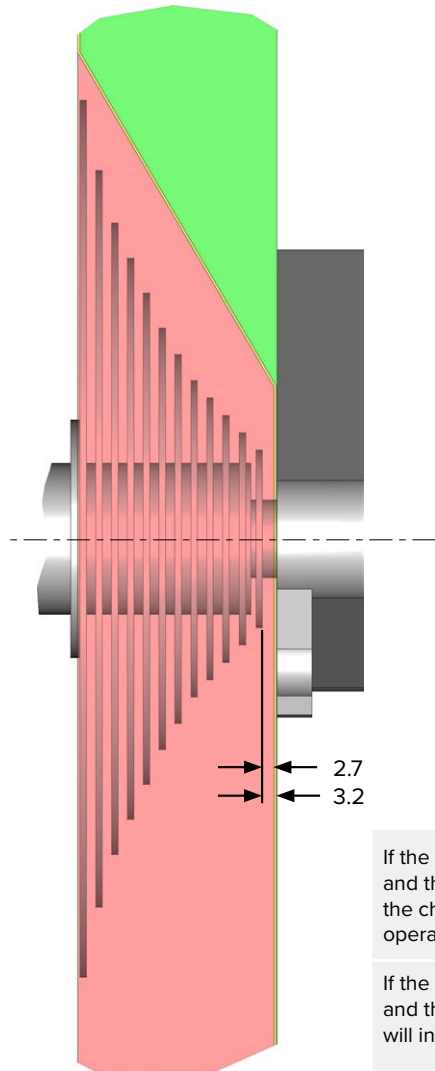


Rear Derailleur Frame Clearance



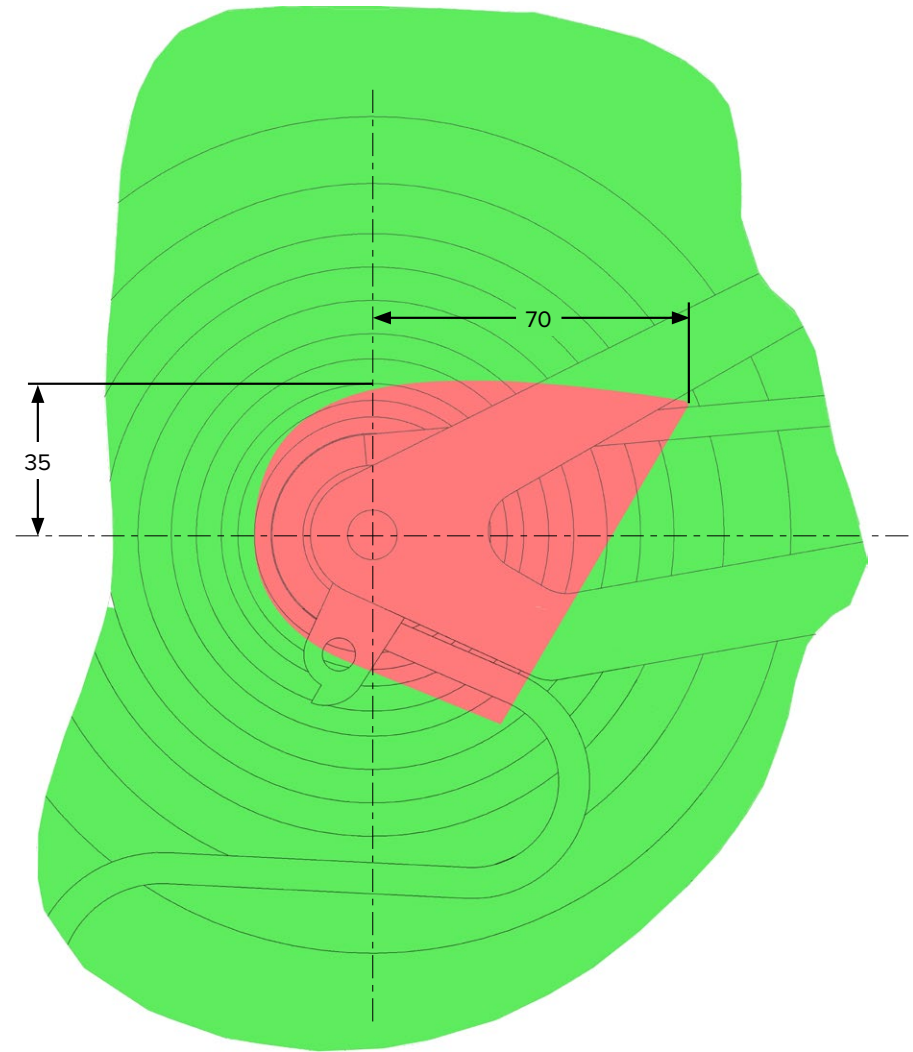
With any chainstay or linkage element interfering with the red zone, correct chain gap adjustment is likely impossible. When interfering with the yellow zone, correct adjustment may or may not be possible depending on the combination of all the variables. Please contact your account manager for further technical information.

Chain / Cassette Frame Clearance



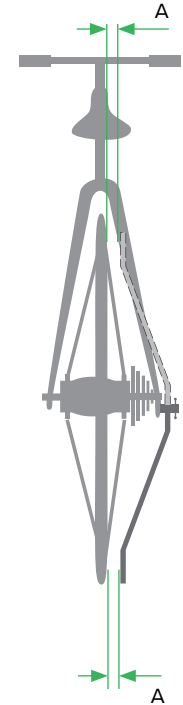
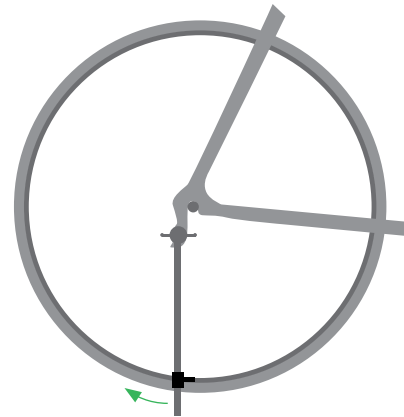
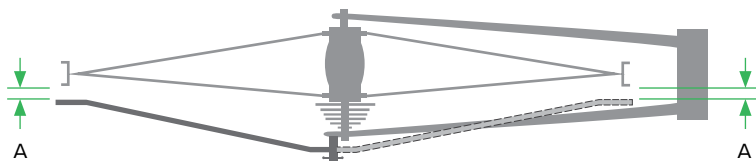
If the gap between the outer edge of the smallest cog and the frame inside plane is between 2.7 and 3.2 mm, the chain may contact the frame slightly during shift operation.

If the gap between the outer edge of the smallest cog and the derailleur hanger is less than 2.7 mm, the chain will interfere with the frame during shift operation.



Hanger Straightness

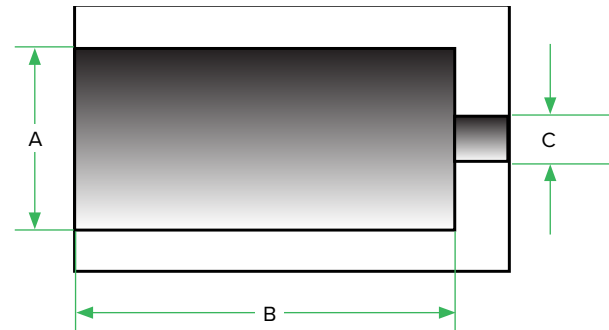
The rear derailleur hanger alignment has to be checked in relation to the rear hub axis. With a hanger alignment tool the whole circumference of the rim must be checked. The difference between "A max" and "A min" should be smaller than 5 mm. Rim needs to be perfectly true for this or wheel needs to be turned with the tool for inspection.



Cable Routing

Cable Housing Stop Dimensions

A	B	C
Ø 6.05-5.9	12 (min 8)	Ø 2.25-2.6
Opposing cable housing stops need to be exactly aligned		
Total bending angle of all housing sections should be less than 270°		
Cable/housing system must not be affected by suspension movement		
Avoid sharp bends and S-bends just before or after a housing stop		
For best performance use aluminum housing end caps		
Do not use sealed end caps		
Housings must be cut with specific housing cutting pliers and inner liner needs to be checked against pinching		



Front Derailleurs

Overview

	Gearing	Chainring	Low Clamp Mount		Low Direct Mount	High Clamp Mount		High Direct Mount		Mid Direct Mount	Mid Clamp
			Ø 31.8	Ø 34.9	S3	Ø 31.8	Ø 34.9	155-160	155		
GX™	2x11	36/24	TP / BP	TP / BP	TP / BP / FP	TP / BP	TP / BP	-	TP / BP / FP	TP / BP	FP
	2x10	38/24 36/22 34/22	DP	DP	DP	TP / BP	TP / BP	-	TP / BP	TP / BP	-
X5™	2x10	42/28 39/26	DP	DP	DP	TP / BP	TP / BP	-	TP / BP	-	-
	2x10	38/24 36/22	-	-							
	2x10	34/22	DP	DP							
	3x10	44/33/22	DP	DP				TP / BP	-		

DP = Dual pull link TP = Top pull only link BP = Bottom pull only link FP = Front pull link

BOOST™ 148 Compatibility

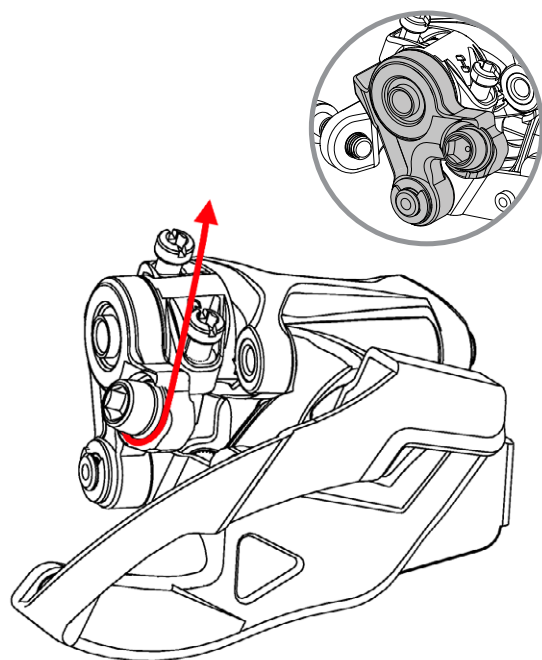
Frame Compatibility for BOOST 148 Standard Frames

To achieve front derailleur compatibility for BOOST 148 Standard frames, frame manufacturers must modify the low direct mount or high direct mount front derailleur mounting plane 3 mm outboard for proper alignment with a 52 mm chainline.

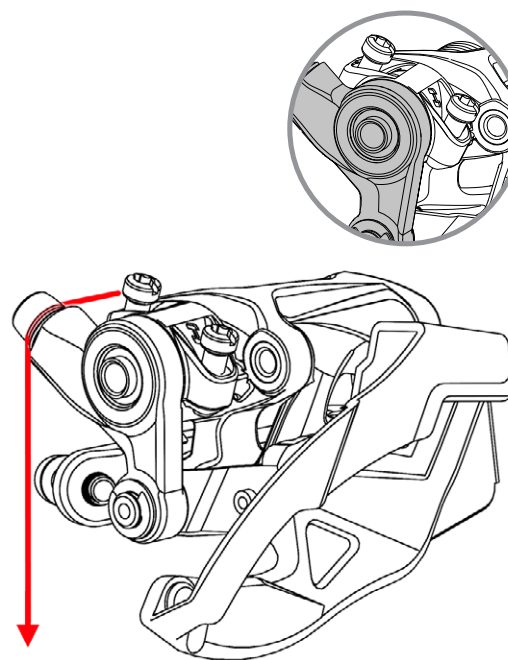
GX™/X5™ Low Clamp Mount

Frame Compatibility and Capacity Information

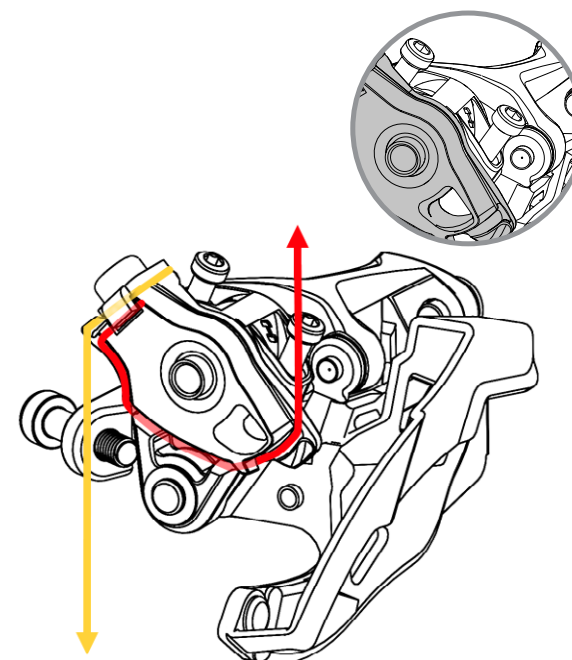
	Clamp diameter	Rear capacity	Index	Cable routing	Chainstay angle (α)	Chainline
2x11	31.8 (w/adapter) 34.9	11 speed	Yes	Top Bottom	66° - 69°	49.0 (36/24)
2x10	31.8 (w/adapter) 31.8 (XX - w/o adapter) 34.9	10 speed	Yes	Dual	66° - 69°	49.0 (34/22, 36/22, 38/24) 49.5 (39/26, 42/28)
3x10	31.8 (w/adapter) 34.9	10 speed	Yes	Dual	66° - 69°	51 (44/33/22)



Top Pull

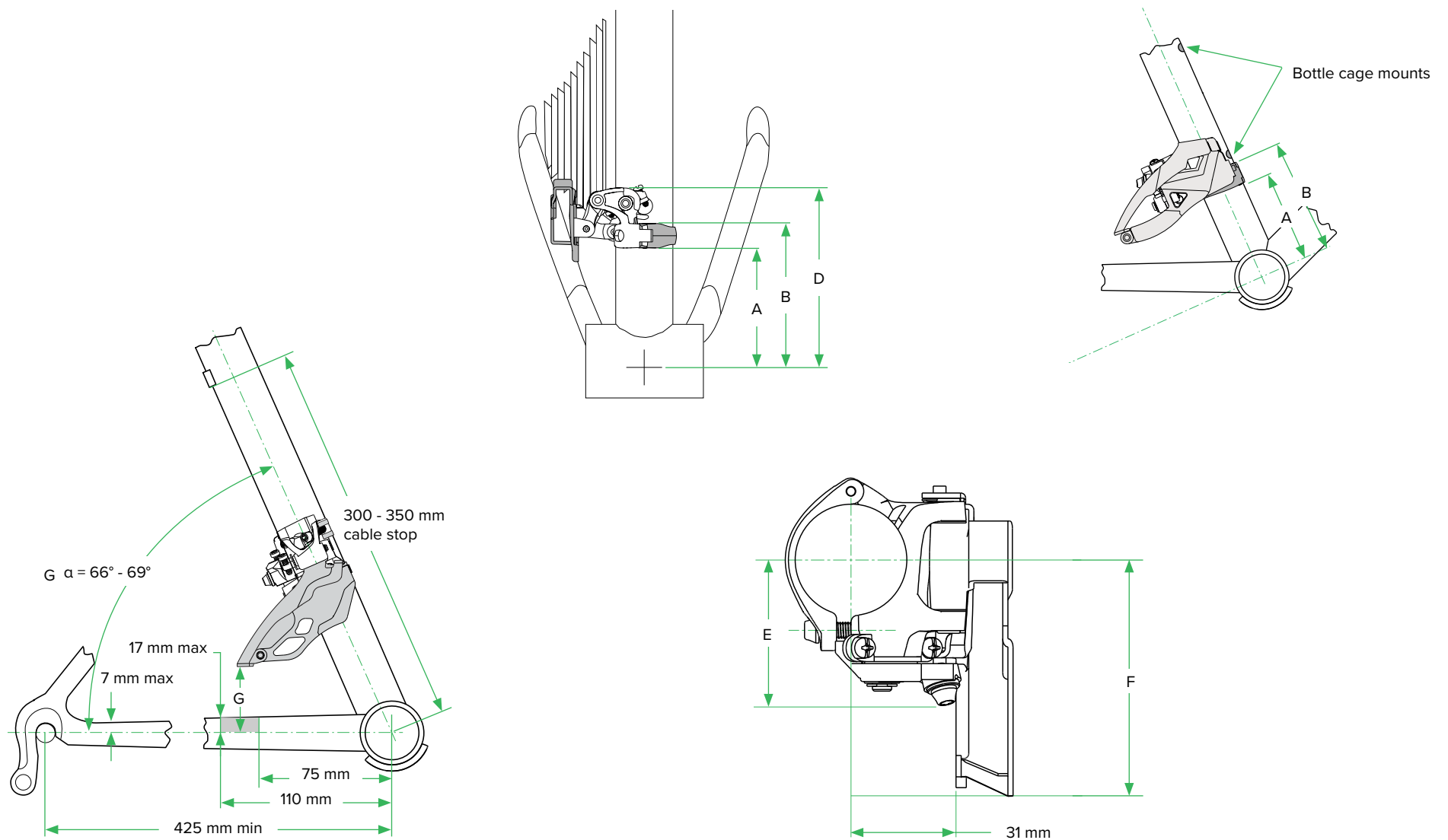


Bottom Pull



Dual Pull

GX™/X5™ Low Clamp Mount



GX™/X5™ Low Clamp Mount

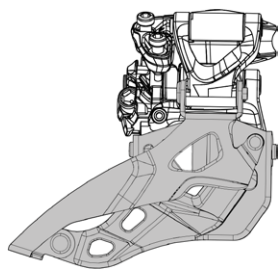
	Chainring	Cable routing	A	B	D	E	F	G	
								$\alpha = 66^\circ$	$\alpha = 69^\circ$
2x11	36/24	Top and Bottom	62	82	107	48/42	70	23	28
2x10	34/22	Dual	62	82	107	48/42	65	22	26
						44			
	36/22	Dual	58	78	103	48	70	18	21
						46			
	38/24	Dual	62	82	107	48	70	22	26
						46			
	39/26	Dual	56	79	101	48	74	16	21
						46			
3x10	44/33/22	Dual	65	85	110	48	89	17	22
						46			

Clamp/Body Position - Be sure to leave adequate clearance between bottle cage mounts and front derailleur clamp.

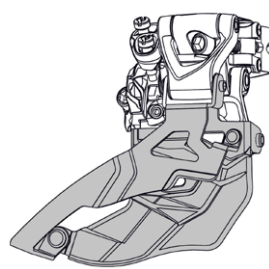
GX™/X5™ High Clamp Mount

Frame Compatibility and Capacity Information

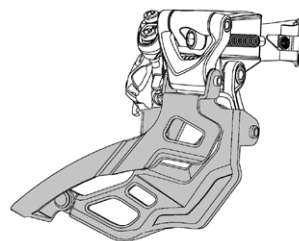
	Clamp diameter	Rear capacity	Index	Cable routing	Chainstay angle (α)	Chainline
2x11	31.8 (w/adaptor) Body clamp 34.9 Body clamp	11 speed	Yes	Top Bottom	66° - 69°	49.0 (36/24)
2x10	31.8 Band clamp 31.8 (w/adaptor) Body clamp 34.9 Band clamp 34.9 Body clamp 38.2 Band clamp	10 speed	Yes	Top Bottom	66° - 69°	49.0 (34/22, 36/22, 38/24) 49.5 (39/26, 42/28)
3x10	31.8 Band clamp 31.8 (w/adaptor) Body clamp 34.9 Band clamp 34.9 Body clamp 38.2 Band clamp	10 speed	Yes	Top Bottom	66° - 69°	51 (44/33/22)



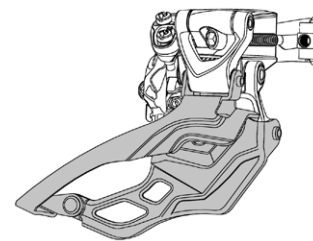
36/24 2x11 cage



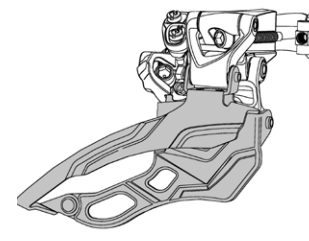
34/22 2x10 cage



36/22 and 38/24 2x10 cage

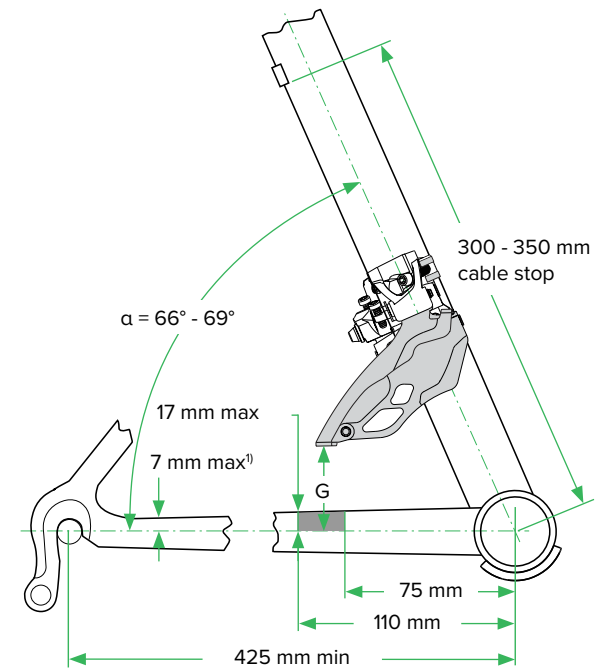
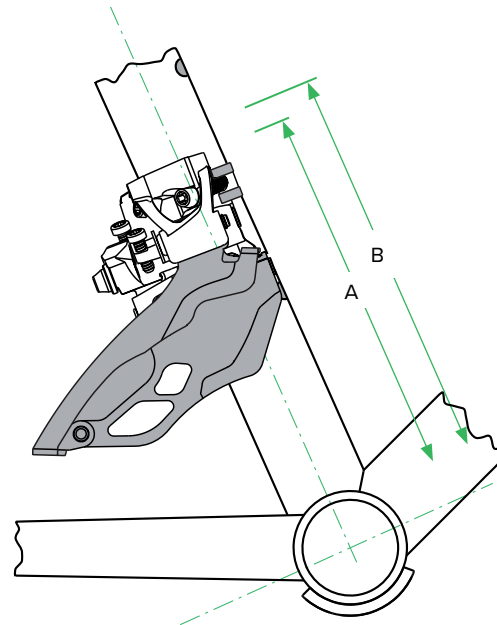
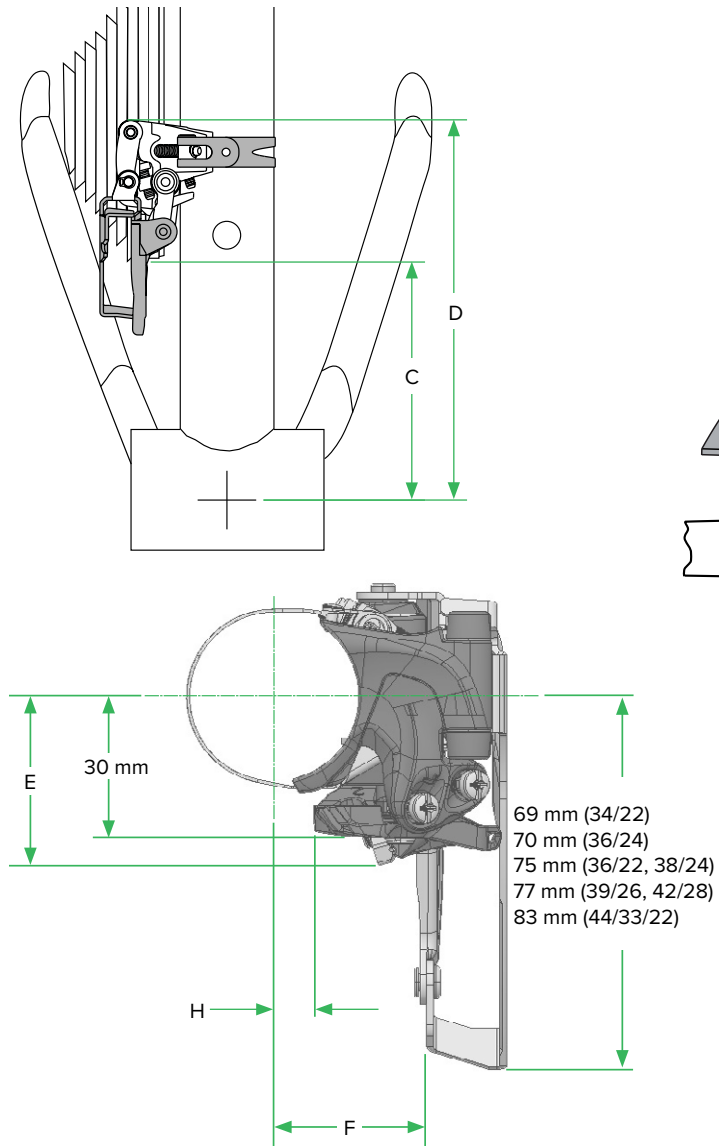


39/26 and 42/28 2x10 cage



44/33/22 3x10 cage

GX™/X5™ High Clamp Mount



1) 7 mm Max applies where the chain crosses the chainstay while in the smallest cog.

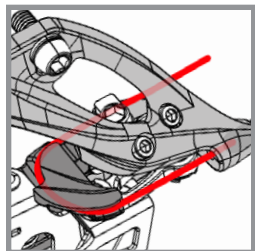
GX™/X5™ High Clamp Mount

Clamp/Body Position												
	Chainring	Cable routing	Clamp Version	A	B	C	D	E	F	G		H
										$\alpha = 66^\circ$	$\alpha = 69$	
2x11	36/24	Top Bottom	Body	119	137	84	139	34	35	24	28	12 Top
												0 Bottom
2x10	34/22	Top Bottom	Body	118	142	88	143	34	38	22	27	12 Top
				123								8 Bottom
	36/22	Top Bottom	Body	114	137	84	139	34	33	18	23	12 Top
				119								7 Bottom
	38/24	Top Bottom	Body	118	141	88	143	34	33	22	27	12 Top
				123								7 Bottom
	39/26	Top Bottom	Body	112	135	82	137	34	33	22	27	12 Top
				117								7 Bottom
	42/28	Top Bottom	Body	118	141	88	143	34	33	28	33	12 Top
				123								7 Bottom
3x10	44/33/22	Top Bottom	Body	129	148	98	151	36	34	24	29	13 Top
				132								5 Bottom

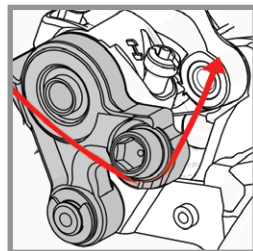
GX™/X5™ Low Direct Mount

Frame Compatibility and Capacity Information

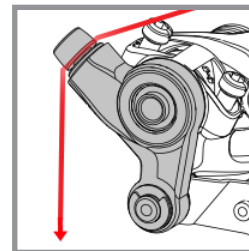
Rear capacity	Index	Cable routing	Chainstay angle (α)	Chainline
11 speed	Yes	Front Top Bottom	66° - 69°	49.0 (36/24)
10 speed	Yes	Top Bottom Dual	66° - 69°	49.0 (34/22, 36/22, 38/24) 49.5 (39/26, 42/28) 51 (44/33/22)



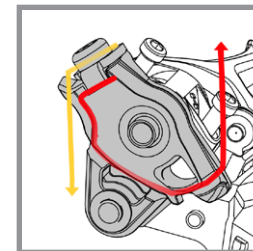
Front pull



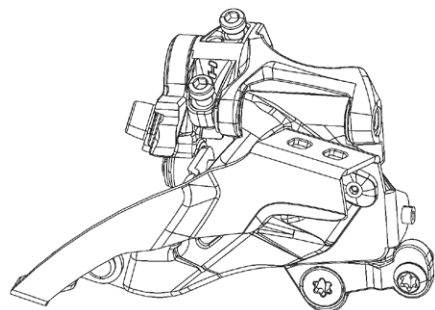
Top pull



Bottom pull

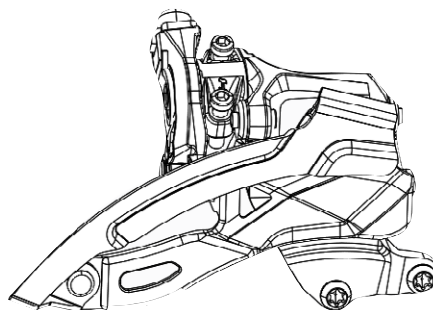


Dual pull



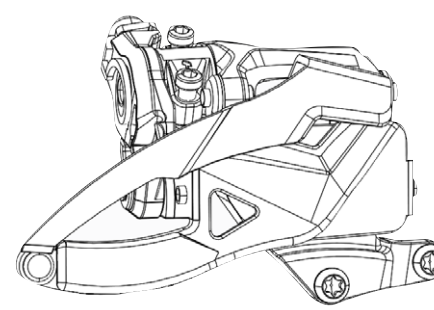
S3 - Standard

2x11 49.0 mm (36/24) Top pull



S3 - Standard

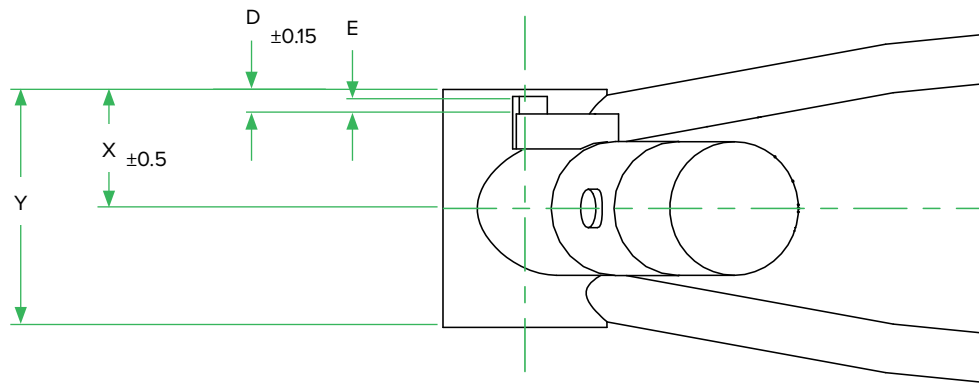
3x10 51 mm (44/33/22) Dual pull



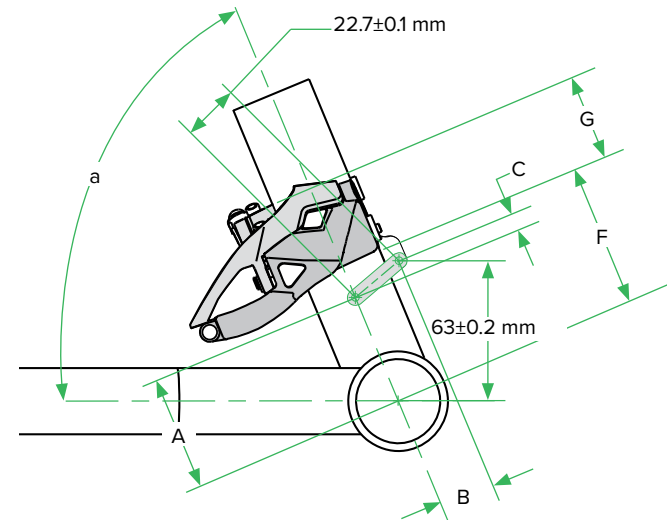
S3 - Standard

2x10 49.0 mm (34/22, 36/22, 38/24)
2x10 49.5 mm (39/26, 42/28) Dual pull

GX™/X5™ Low Direct Mount



Low Direct Mount Type : S2 + S3



GX™/X5™ Low Direct Mount

Mounting Hole Position - Swing Arm Fully Extended

Type	A	B	C	D		E	F	G	a/θ
				68 mm	73 mm				
S3	54 ±0.15	22.1 ±0.05	5 ±0.05	See S3 Mount below		5 ±0.1	65	48 45 (XX)	α = 66°- 69°

S3 Mount

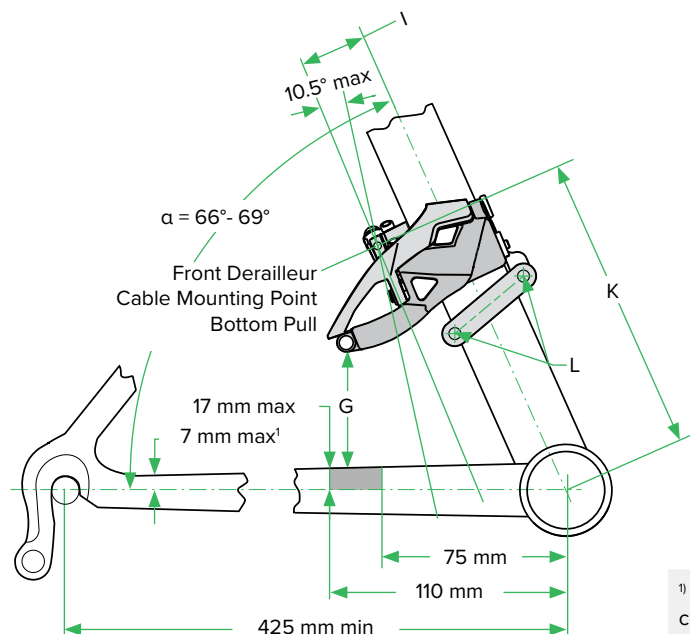
Bottom bracket type	X	Y	D	
	Frame centerline - BB shell (DS)	BB shell width	Standard	BOOST*
English/BSA 68 mm	34.0	68	7.0	4.0
English/BSA 73 mm	36.5	73	9.5	6.5
English/BSA 100 mm (Fatbike)	50.0	100	5.5	-
PressFit 30™ 73 mm	36.5	73	9.5	6.5
PressFit™ 89.5 GXP®	44.75	89.5	17.75	14.75
PressFit™ 92 GXP®	47.25	92	20.25	17.25
PressFit™ 121 GXP® (Fatbike)	60.5	121	16.0	-

* Frame manufacturers must modify the front derailleur mounting plane 3 mm outboard to get proper alignment with a 52 mm chainline.

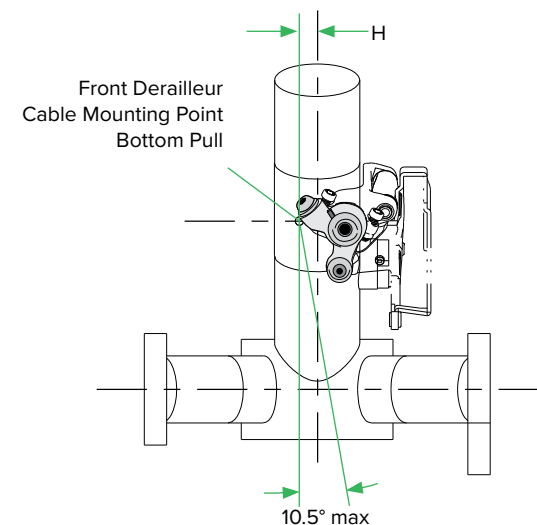
GX™/X5™ Low Direct Mount

Cable Routing - Bottom Pull - Swing arm fully extended

	Chainring	H	I	G		K	Thread pitch	Tire clearance	
				a = 66°	a = 69°		L	M	N
2x11	36/24	13 8 (XX™)	34 33 (XX™)	23	28	92	M5x0.8-6H	42	33
2x10	34/22			22	26	104		42 40 (XX)	33
	36/22			18	21	88			
	38/24			22	26	92			
	39/26			16	21	94			
	42/28			22	27	100			
3x10	44/33/22			17	22	104		45	29



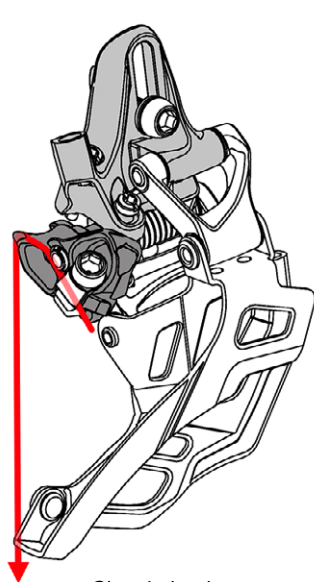
¹ 7 mm Max applies where the chain crosses the chainstay while in the smallest cog.



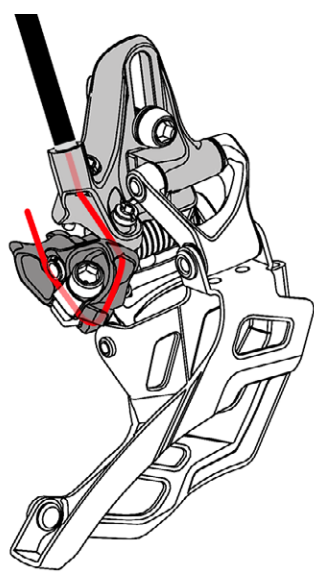
GX™/X5™ High Direct Mount

Frame Compatibility and Capacity Information

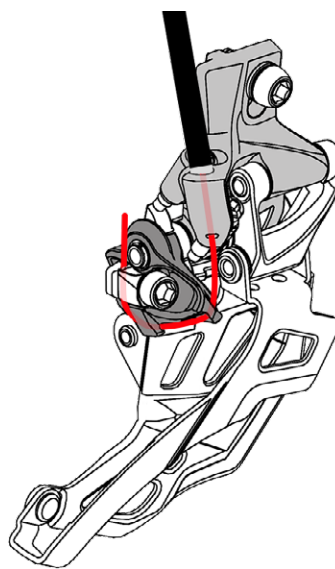
	Rear capacity	Index	Cable routing	Chainstay angle (α)	Chainline
Classic Body	10 speed	Yes	Top Bottom	66° - 69°	49 (36/22, 38/24) 49.5 (39/26, 42/28) 51 (44/33/22)
Compact Body	10 speed	Yes	Top Bottom	66° - 69°	49 (34/22, 36/22, 38/24) 49.5 (39/26, 42/28)
	11 speed	Yes	Front	66° - 69°	49 (36/24)



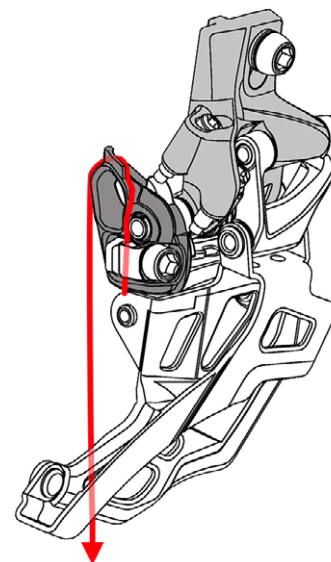
Classic body
Bottom pull



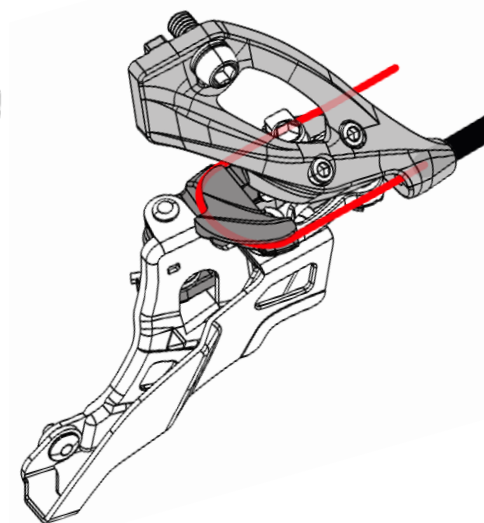
Classic body
Top pull



Compact body
Top pull



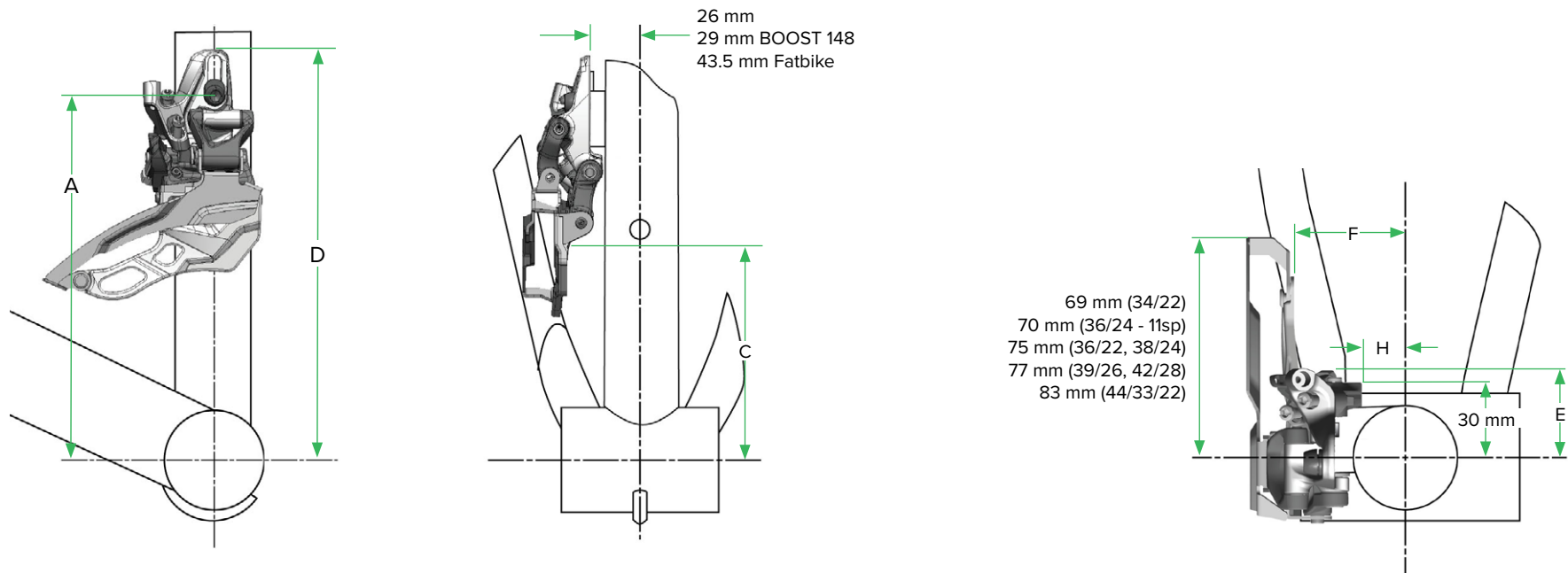
Compact body
Bottom pull



Front pull

GX™/X5™ High Direct Mount

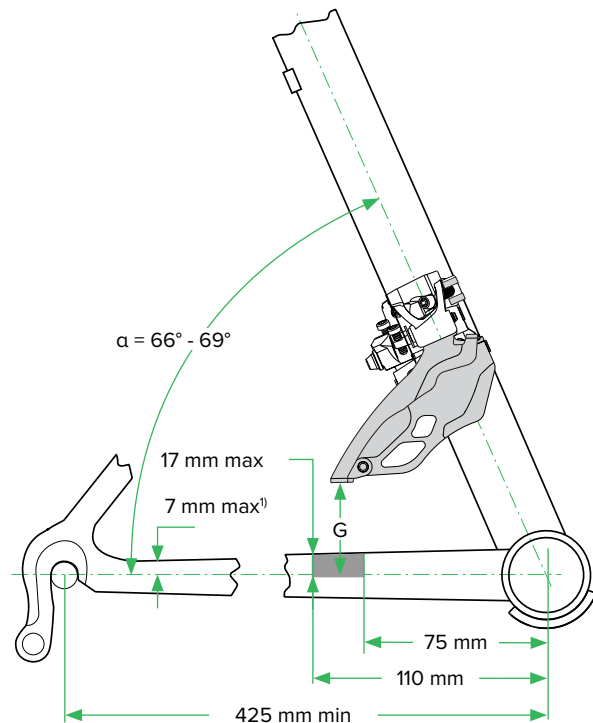
Standard, BOOST™ 148, and Fatbikes



GX™/X5™ High Direct Mount

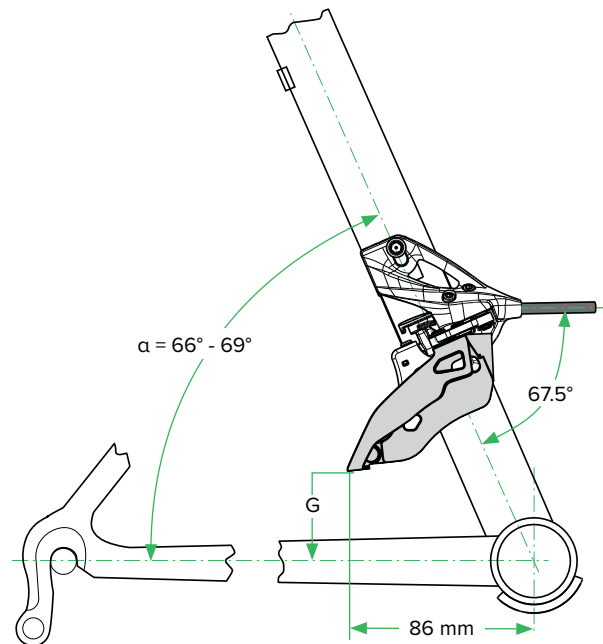
Standard, BOOST™ 148, and Fatbikes

Top Pull / Bottom Pull



¹⁾ 7 mm Max applies where the chain crosses the chainstay while in the smallest cog.

Front Pull



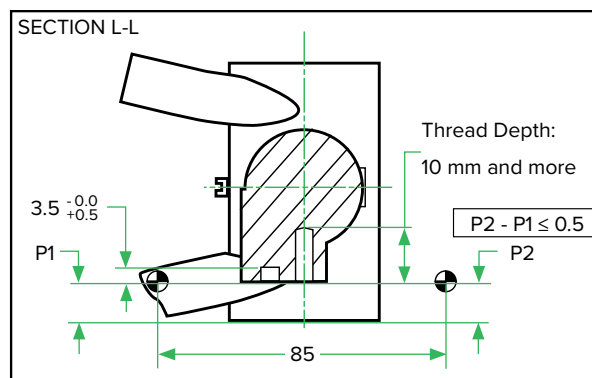
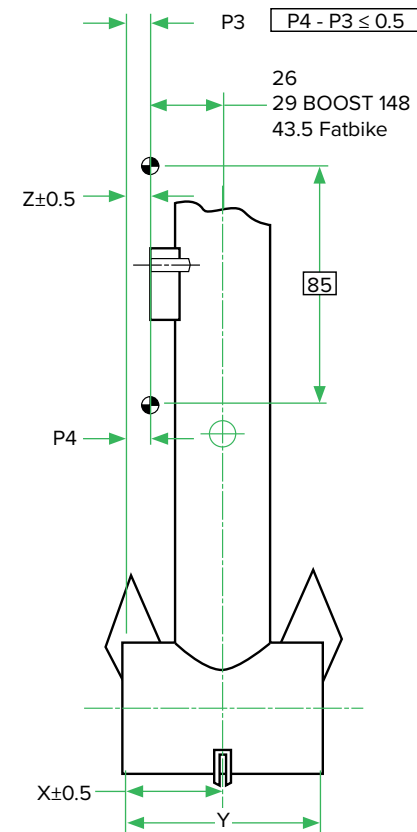
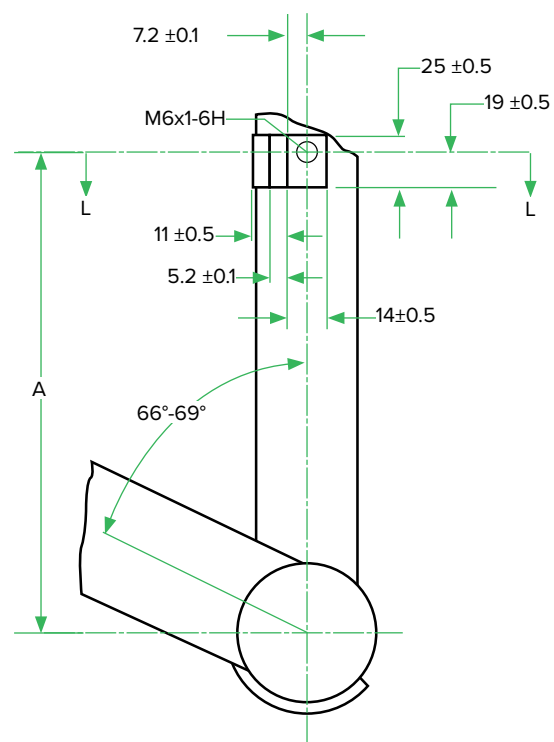
GX™/X5™ High Direct Mount

Mount Dimensions											
	Chainring	Cable routing by body style		A	C	D	E	F	G		H
		Compact	Classic						$\alpha = 66^\circ$	$\alpha = 69^\circ$	
2x11	36/24	Top	-	155 Compact	84	164 Compact	34	35	24	28	14
		Bottom									7
		Front									
2x10	34/22	Top	-	155 Compact	88	163 Compact	34	38 55.5 (Fatbike)	22	27	12 29.5 (Fatbike)
		Bottom									8 25.5 (Fatbike)
	36/22	Top	Top	155 Compact 155 - 160 Classic	84	164 Compact 168 Classic	34	33 50.5 (Fatbike)	18	23	14 31.5 (Fatbike)
		Bottom	Bottom								7 24.5 (Fatbike)
	38/24	Top	Top	155 Compact 155 - 160 Classic	88	169 Compact 173 Classic	34	33 50.5 (Fatbike)	22	27	14 31.5 (Fatbike)
		Bottom	-								7 24.5 (Fatbike)
	39/26	Top	Top	155 Compact 155 - 160 Classic	82	163 Compact 167 Classic	34	33	22	27	14
		Bottom	-								7
	42/28	Top	Top	155 Compact 155 - 160 Classic	88	169 Compact 173 Classic	34	33	28	33	14
		Bottom	-								7
3x10	44/33/22	-	Top	155 - 160 Classic	98	180 Classic	36	31	24	29	14
		-	Bottom								6

GX™/X5™ High Direct Mount

Bottom bracket	X	Y	Z	
	Frame centerline - BB shell (DS)	BB shell width	Standard	BOOST*
English/BSA 68 mm	34.0	68	8.0	5.0
English/BSA 73 mm	36.5	73	10.1	7.5
English/BSA 100 mm (Fatbike)	50.0	100	6.5	-
PressFit 30™ 73 mm	36.5	73	10.5	7.5
PressFit™ 89.5 GXP®	44.75	89.5	18.75	15.75
PressFit™ 92 GXP®	47.25	92	21.75	18.75
PressFit™ 121 GXP® (Fatbike)	60.5	121	17.0	-

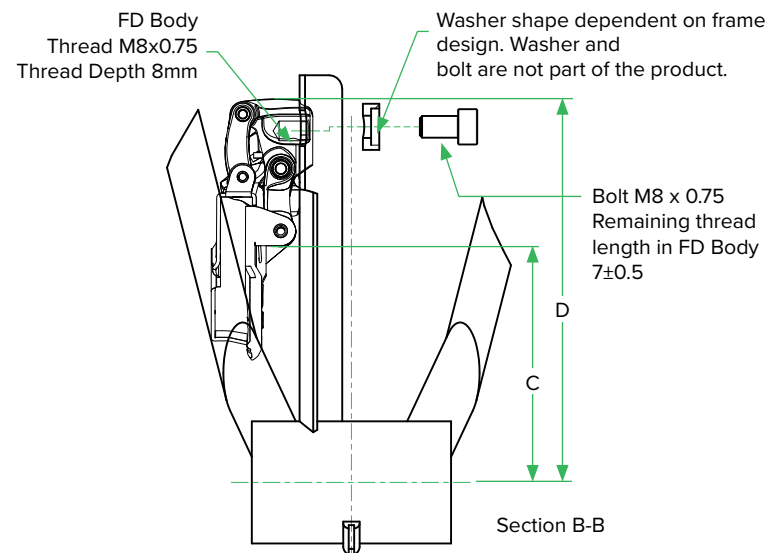
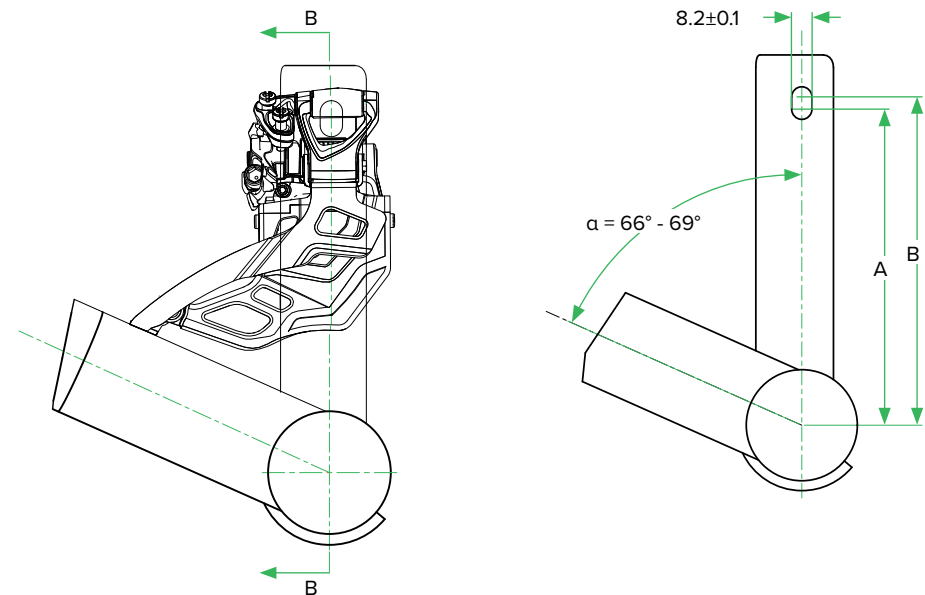
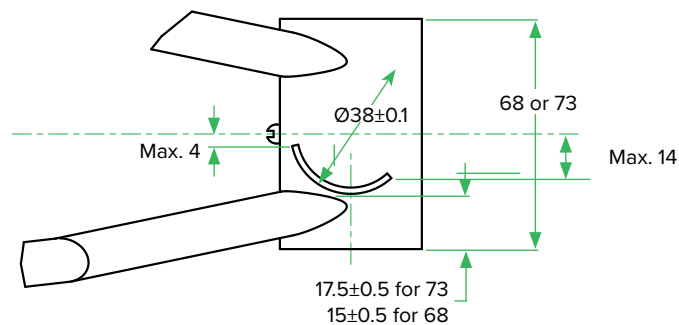
* Frame manufacturers must modify the front derailleur mounting plane 3 mm outboard to get proper alignment with a 52 mm chainline.



GX™/X5™ Mid Direct Mount

Mount Dimensions						
	Chainring	Guard	A	B	C	D
			Mounting slot		Mounting area*	
2x11	36/24	Yes	130.5	132.5	86.5	141.5
		No	128	130	84	139
2x10	34/22	Yes	129.5	131.5	93	148
		No	127	129	88	143
	33/22	Yes	128.5	130.5	84.5	139.5
	36/22	Yes	130.5	132.5	86.5	141.5
		No	128	130	84	139
	38/24	Yes	135	137	93	148
		No	132.5	134.5	88	143

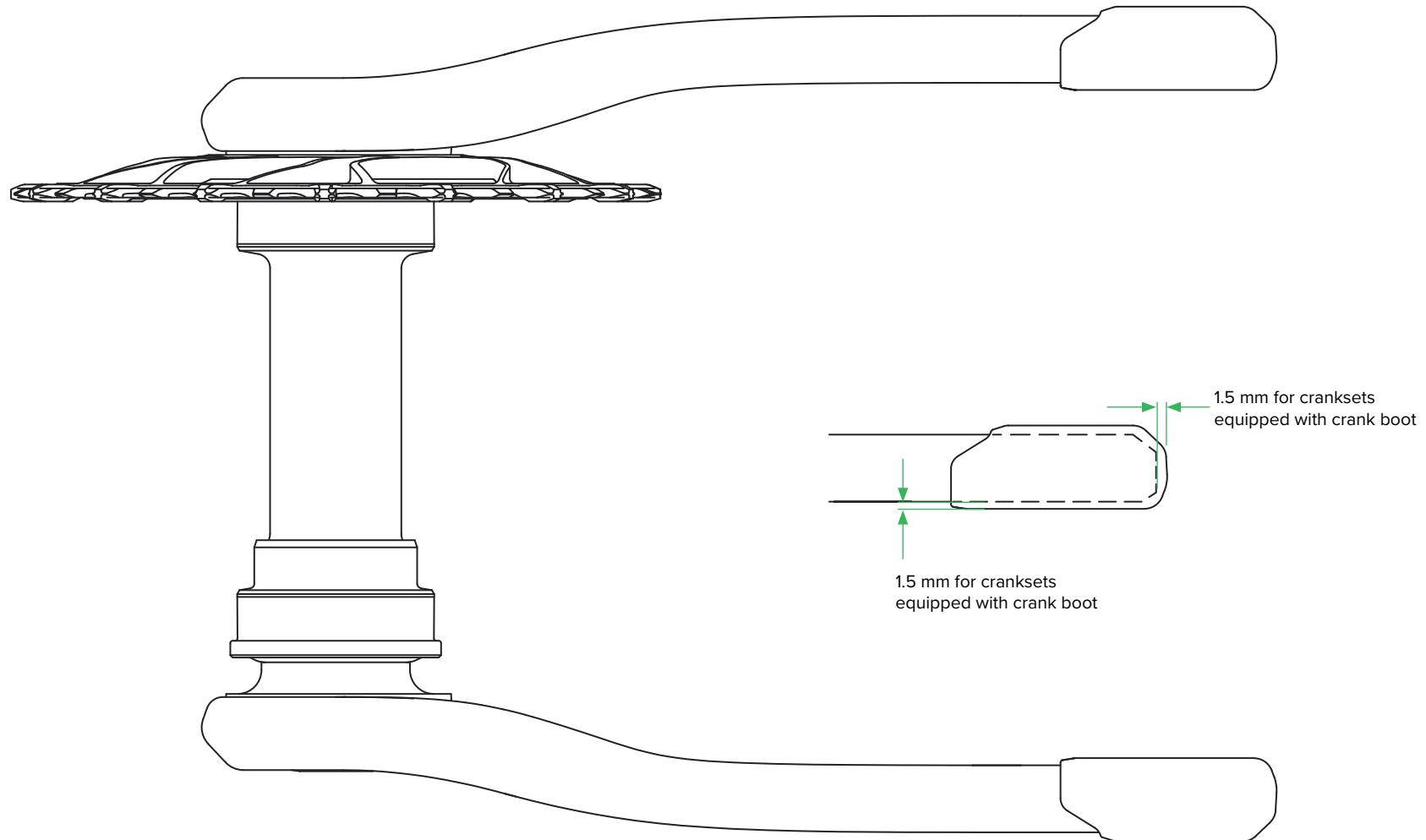
*Requires a 38 mm diameter.



Cranksets

Crank Boot

Clearance Information



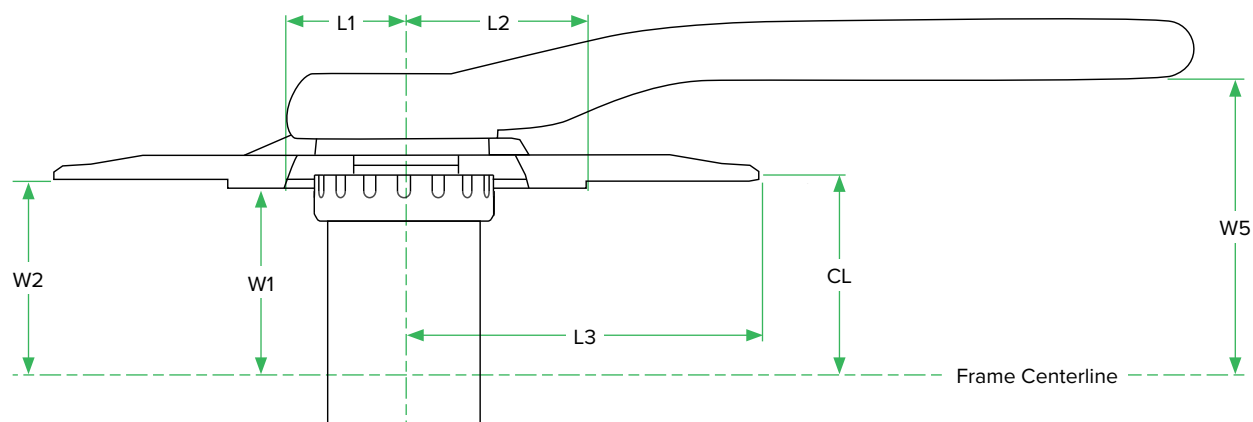
DUB™ Cranks

XX1® Eagle™ DUB™/X01® Eagle DUB

XX1® Eagle™ DUB™

Drive Side Frame Clearance - BOOST™ and non-BOOST

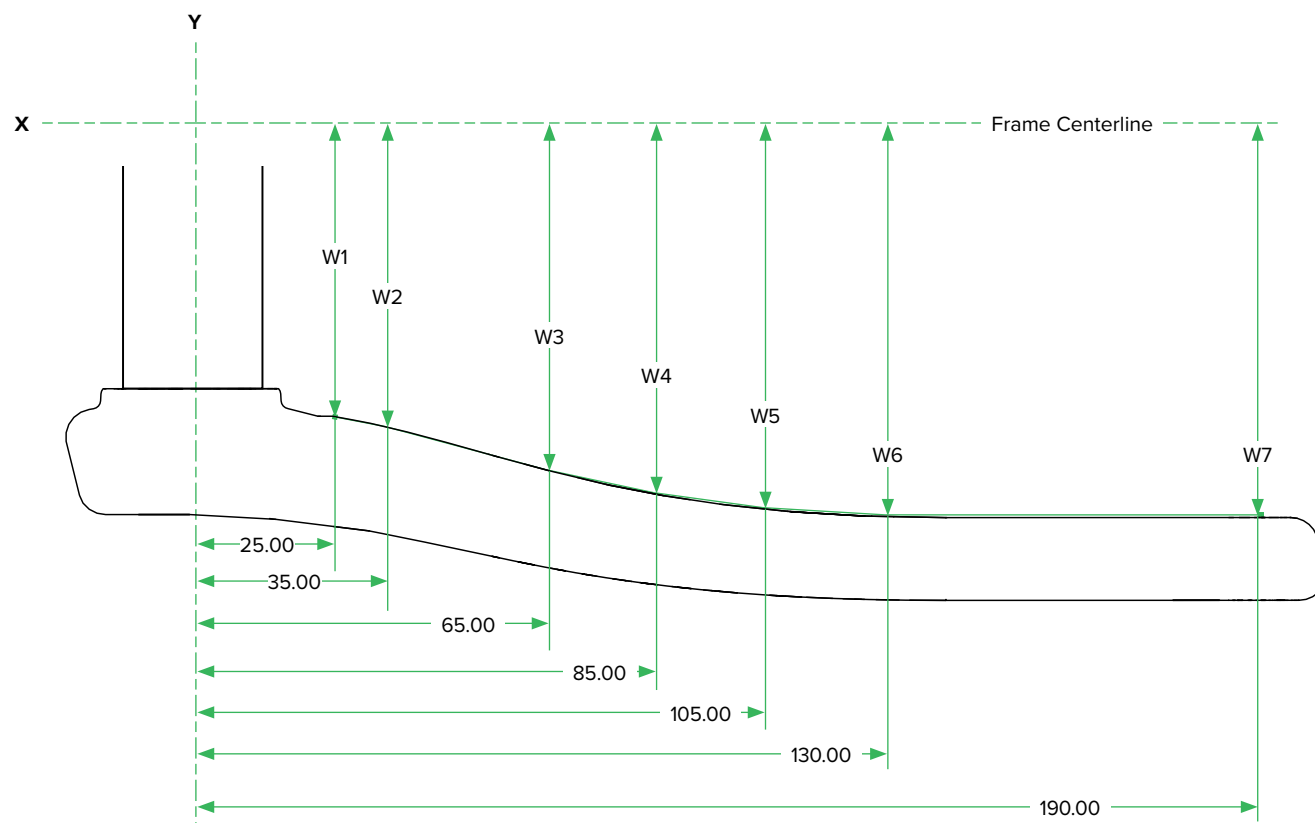
1x12	Chainring		L1	L2	L3	L3 Oval*	W1	W2	CL	W5**
	30T	non-BOOST	27.2	29	64.3	68.3	47.2 50.2 (BOOST Variant)	47.2 50.2 (BOOST Variant)	49 52 (BOOST Variant)	70.6
		BOOST	26.1	31.3						
	32T	non-BOOST	27.2	29	68.3	72.3				
		BOOST	26.1	31.3						
	34T	non-BOOST	27.2	29	72.4	76.4				
		BOOST	26.1	31.3						
	36T	non-BOOST	27.2	29	76.4	80.4				
		BOOST	26.1	31.3						
	38T	non-BOOST	27.2	29	80.4	85.4				
		BOOST	26.1	31.3						
Q-factor : 168				Bottom Bracket Type(s): DUB BSA 73 : DUB BB30™ : DUB PF30™ : DUB PF 89.5/92						
*Oval chainrings available seperately, not with crank arms.										
**Dimensions will vary for cranks equipped with crank boots. Consult the section titled "Crank Boot."										



XX1[®] Eagle[™] DUB[™]

Non-Drive Frame Clearance

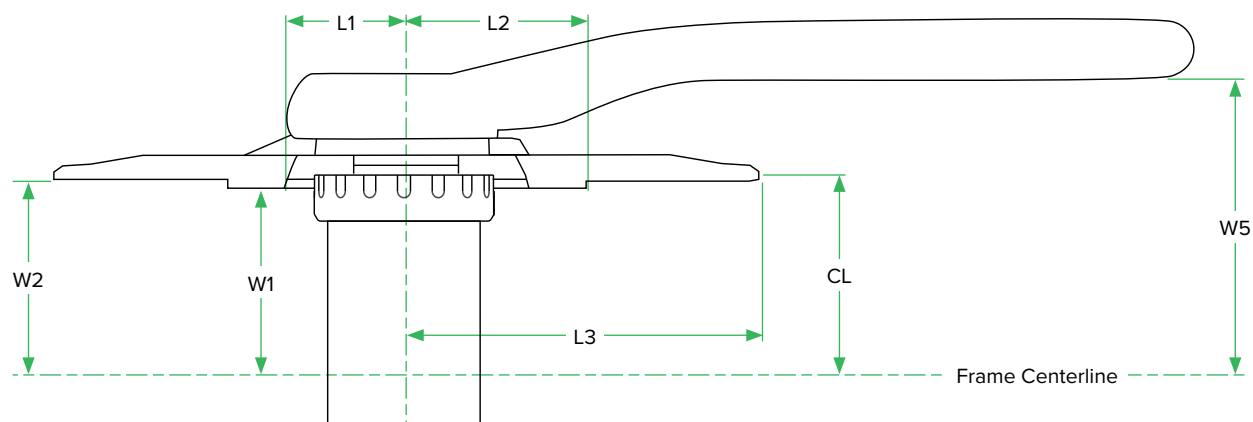
		W1	W2	W3	W4	W5	W6	W7*
1x12	X	25	35	65	85	105	130	190
	Y	56	58	67.5	70	70.5	70.5	70.5
	Q-factor : 168		Bottom Bracket Type(s): DUB BSA 73 : DUB BB30™ : DUB PF30™ : DUB PF 89.5/92					
	*Dimensions will vary for cranks equipped with crank boots. Consult the Crank Boot Clearance Information page.							



X01® Eagle™ DUB™

Drive Side Frame Clearance - BOOST and non-BOOST

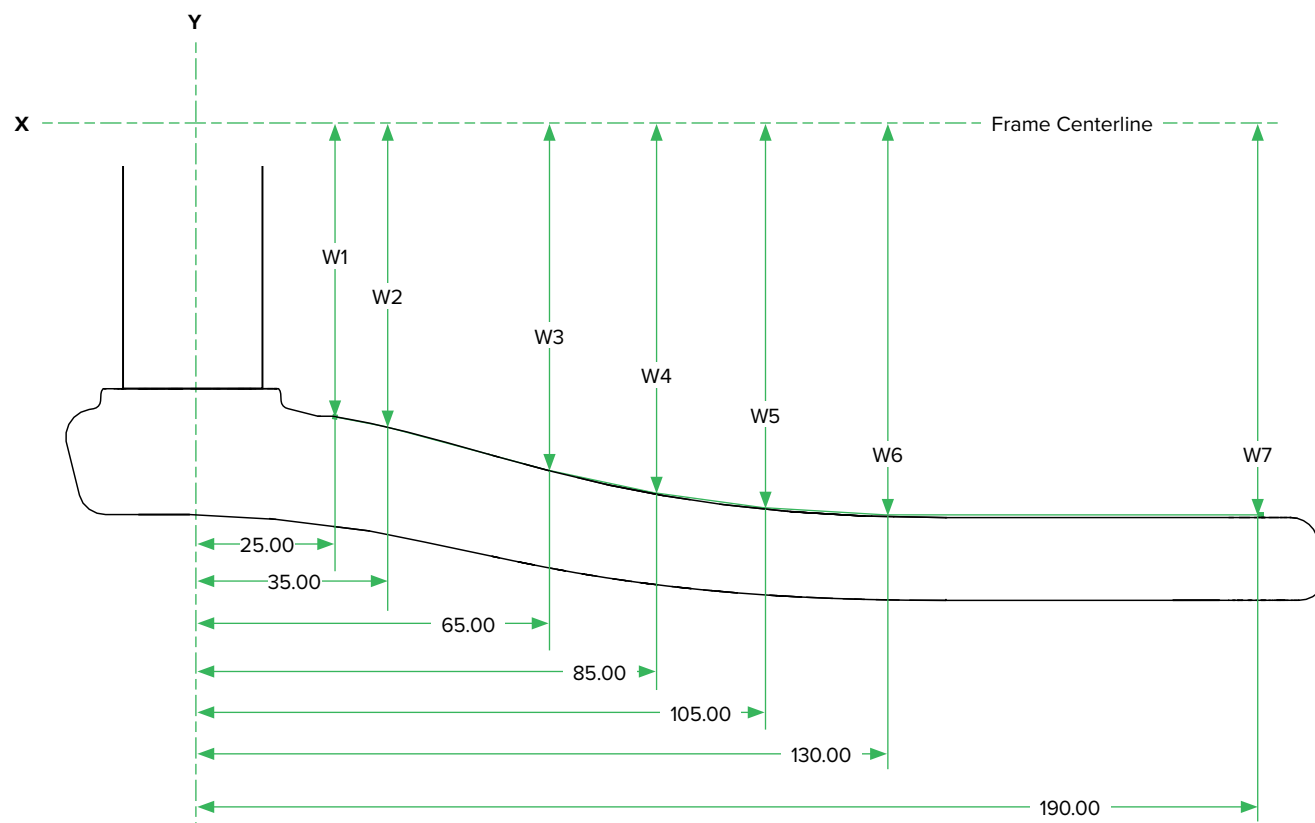
1x12	Chainring		L1	L2	L3	W1	W2	CL	W5*					
	30T	non-BOOST	27.2	29	64.3	47.2 50.2 (BOOST Variant)	47.2 50.2 (BOOST Variant)	49 52 (BOOST Variant)	70.6					
		BOOST	26.1	31.3										
	32T	non-BOOST	27.2	29	68.3									
		BOOST	26.1	31.3										
	34T	non-BOOST	27.2	29	72.4									
		BOOST	26.1	31.3										
	36T	non-BOOST	27.2	29	76.4									
		BOOST	26.1	31.3										
	Q-factor : 168			Bottom Bracket Type(s): DUB BSA 73 : DUB BB30™ : DUB PF30™ : DUB PF 89.5/92										
	*Dimensions will vary for cranks equipped with crank boots. Consult the section titled "Crank Boot."													



X01® Eagle™ DUB™

Non-Drive Frame Clearance

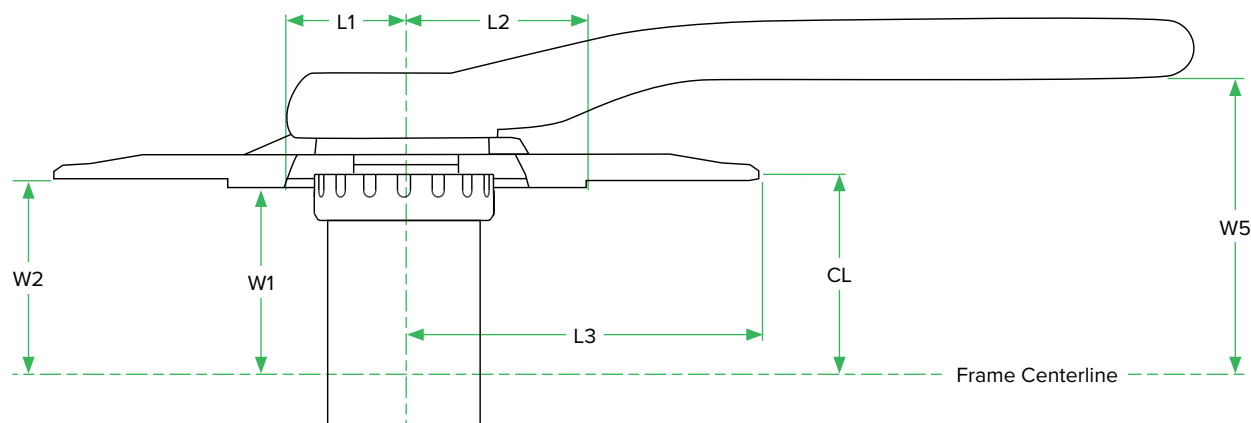
		W1	W2	W3	W4	W5	W6	W7*
1x12	X	25	35	65	85	105	130	190
	Y	56	58	67.5	70	70.5	70.5	70.5
	Q-factor : 168		Bottom Bracket Type(s): DUB BSA 73 : DUB BB30™ : DUB PF30™ : DUB PF 89.5/92					
	*Dimensions will vary for cranks equipped with crank boots. Consult the Crank Boot Clearance Information page.							



XX1® Eagle™ DUB™/X01® Eagle DUB - Fatbike

Drive Side Frame Clearance

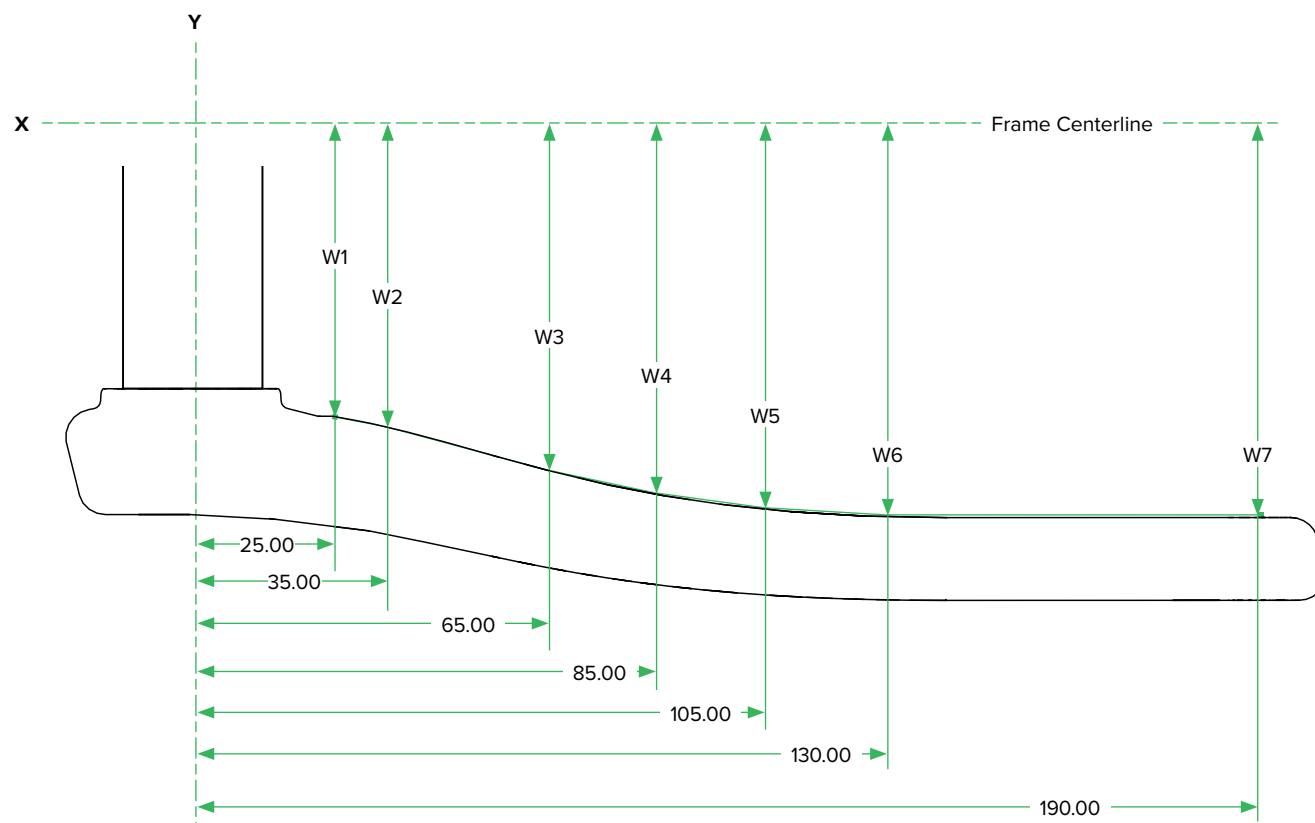
1x12	Chainring		L1	L2	L3	W1	W2	CL	W5
	30T	4" Fatbike (170 OLD)	27.2	29	64.3	64.7	64.7	66.5	88.1
		5" Fatbike (190 OLD)	22.8	29		70	74.7	76.5	
	Q-factor : 203.3				Bottom Bracket Type(s): DUB BSA 100 : DUB PF 121				



XX1® Eagle™ DUB™/X01® Eagle DUB - Fatbike

Non-Drive Frame Clearance

		W1	W2	W3	W4	W5	W6	W7*
1x12	X	25	35	65	85	105	130	190
	Y	75.5	77	84	86.5	87.5	88	88
	Q-factor : 203.3		Bottom Bracket Type(s): DUB BSA 100 : DUB PF 121					
	*Dimensions will vary for cranks equipped with crank boots. Consult the Crank Boot Clearance Information page.							

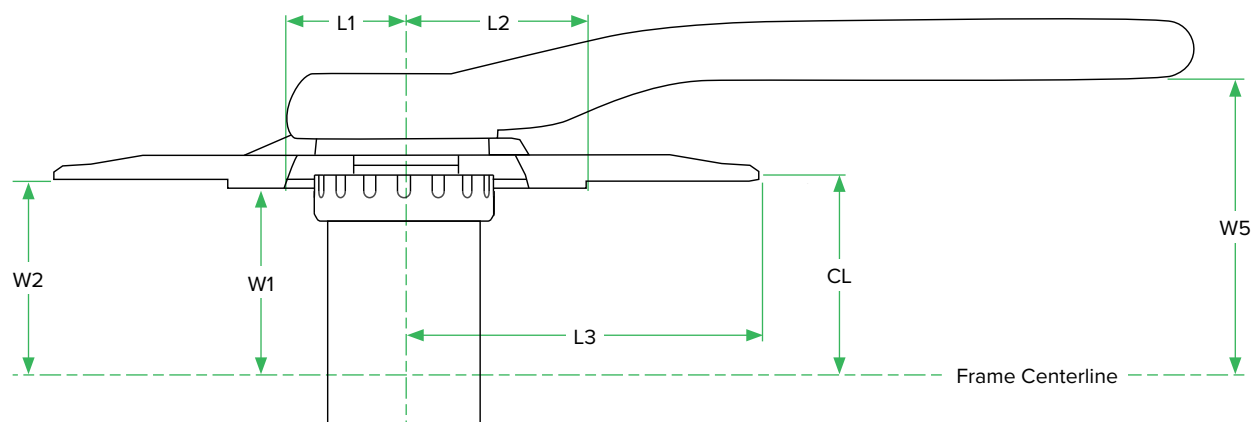


X1™ Carbon Eagle™ DUB™/
Descendant™ Carbon Eagle DUB/
Stylo® Carbon Eagle DUB

X1™ Carbon Eagle® DUB™/Descendant™ Carbon Eagle DUB/ Stylo® Carbon Eagle DUB

Drive Side Frame Clearance - BOOST and non-BOOST

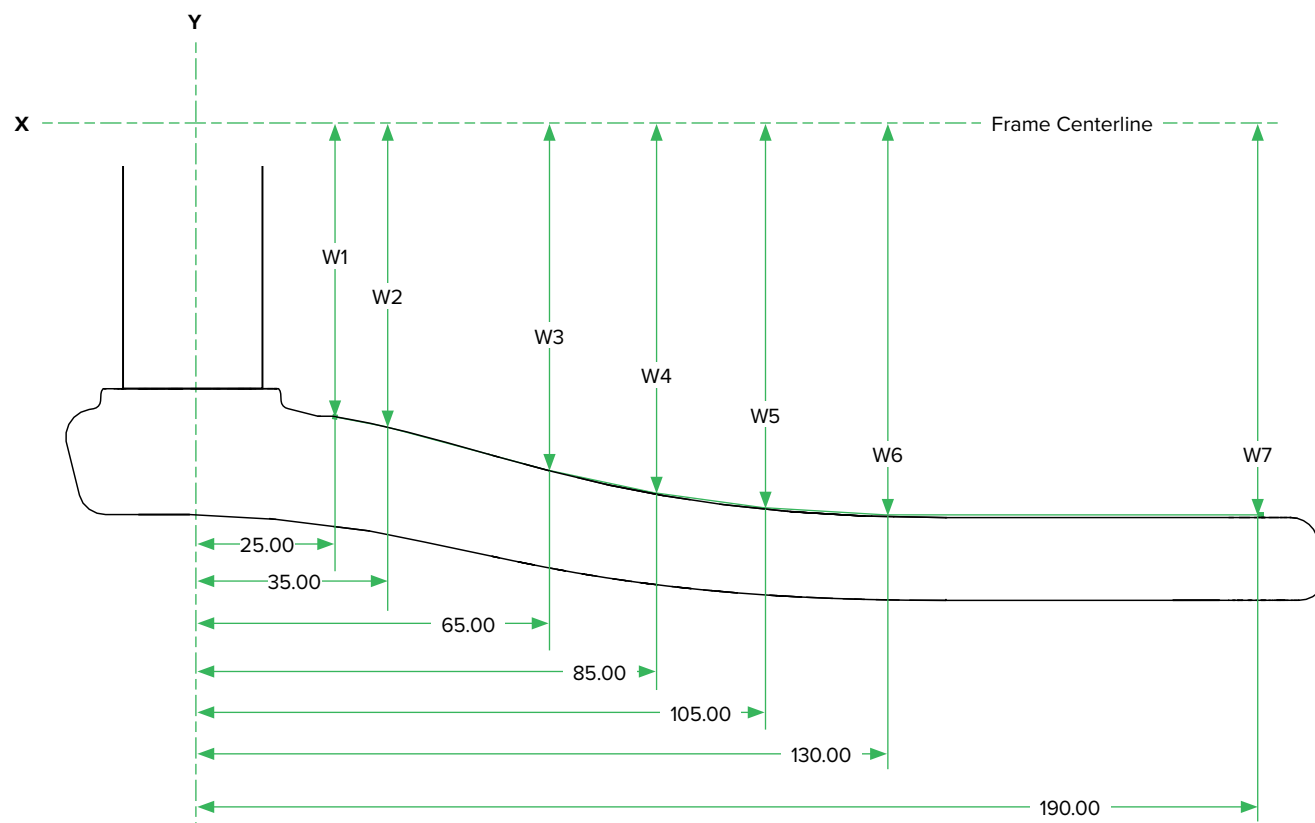
1x12	Chainring		L1	L2	L3	W1	W2	CL	W5*						
	30T	non-BOOST	31.5	50.7	64.3	48 51 (BOOST Variant)	47.3 50.3 (BOOST Variant)	49 52 (BOOST Variant)	72						
		BOOST		51.3											
	32T	non-BOOST		54.7	68.3										
		BOOST		55.2											
	34T	non-BOOST		58.7	72.3										
		BOOST		59.2											
	Q-factor : 169				Bottom Bracket Type(s): DUB BSA 73 : DUB BB30™ : DUB PF30™ : DUB PF 89.5/92										
	*Dimensions will vary for cranks equipped with crank boots. Consult the section titled "Crank Boot."														



X1™ Carbon Eagle® DUB™/Descendant™ Carbon Eagle DUB/ Stylo® Carbon Eagle DUB

Non-Drive Frame Clearance

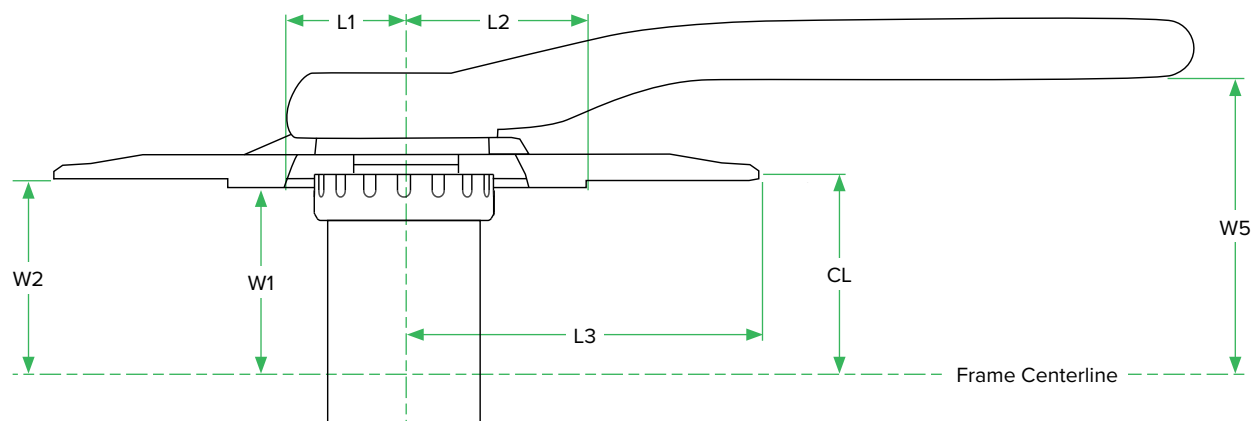
		W1	W2	W3	W4	W5	W6	W7*
1x12	X	25	35	65	85	105	130	190
	Y	59	61	67.5	70.5	71	71	71.5
	Q-factor : 169		Bottom Bracket Type(s): DUB BSA 73 : DUB BB30™ : DUB PF30™ : DUB PF 89.5/92					
	*Dimensions will vary for cranks equipped with crank boots. Consult the Crank Boot Clearance Information page.							



X1™ Carbon Eagle® DUB™/Descendant™ Carbon Eagle DUB/ Stylo® Carbon Eagle DUB - Fatbike

Drive Side Frame Clearance - BOOST and non-BOOST

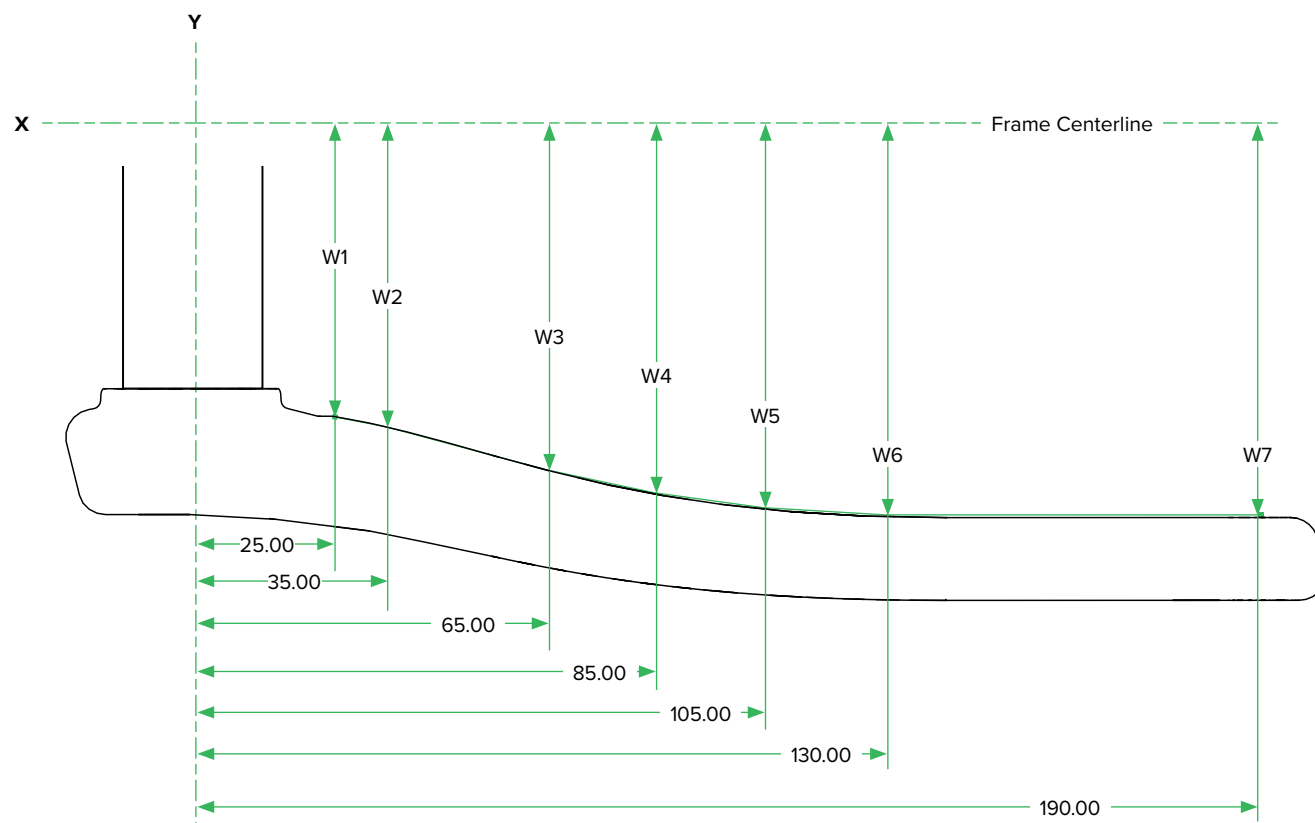
1x12	Chainring		L1	L2	L3	W1	W2	CL	W5
	30T	4" Fatbike (170 OLD)	31.5	50.7	64.3	65.5	64.8	66.5	89.5
		5" Fatbike (190 OLD)	22.8	29		70	74.7	76.5	
	Q-factor : 204.5				Bottom Bracket Type(s): DUB BSA 100 : DUB PF 121				



X1™ Carbon Eagle® DUB™/Descendant™ Carbon Eagle DUB/ Stylo® Carbon Eagle DUB - Fatbike

Non-Drive Frame Clearance

		W1	W2	W3	W4	W5	W6	W7*
1x12	X	25	35	65	85	105	130	190
	Y	77	79	85.5	88.5	89	89	89.5
	Q-factor : 204.5		Bottom Bracket Type(s): DUB BSA 100 : DUB PF 121					
	*Dimensions will vary for cranks equipped with crank boots. Consult the Crank Boot Clearance Information page.							

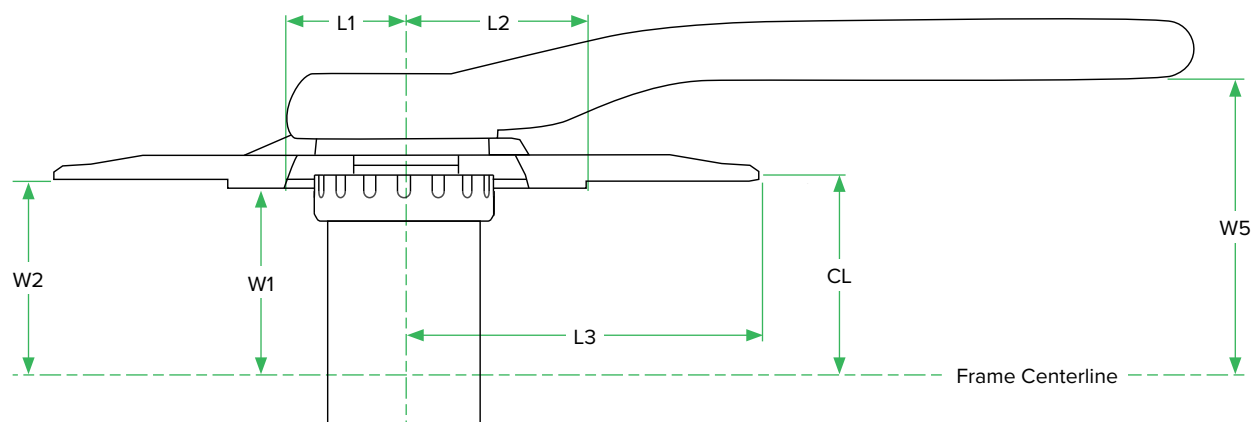


GX™ Eagle™ DUB™

GX™ Eagle™ DUB™

Drive Side Frame Clearance - BOOST and non-BOOST

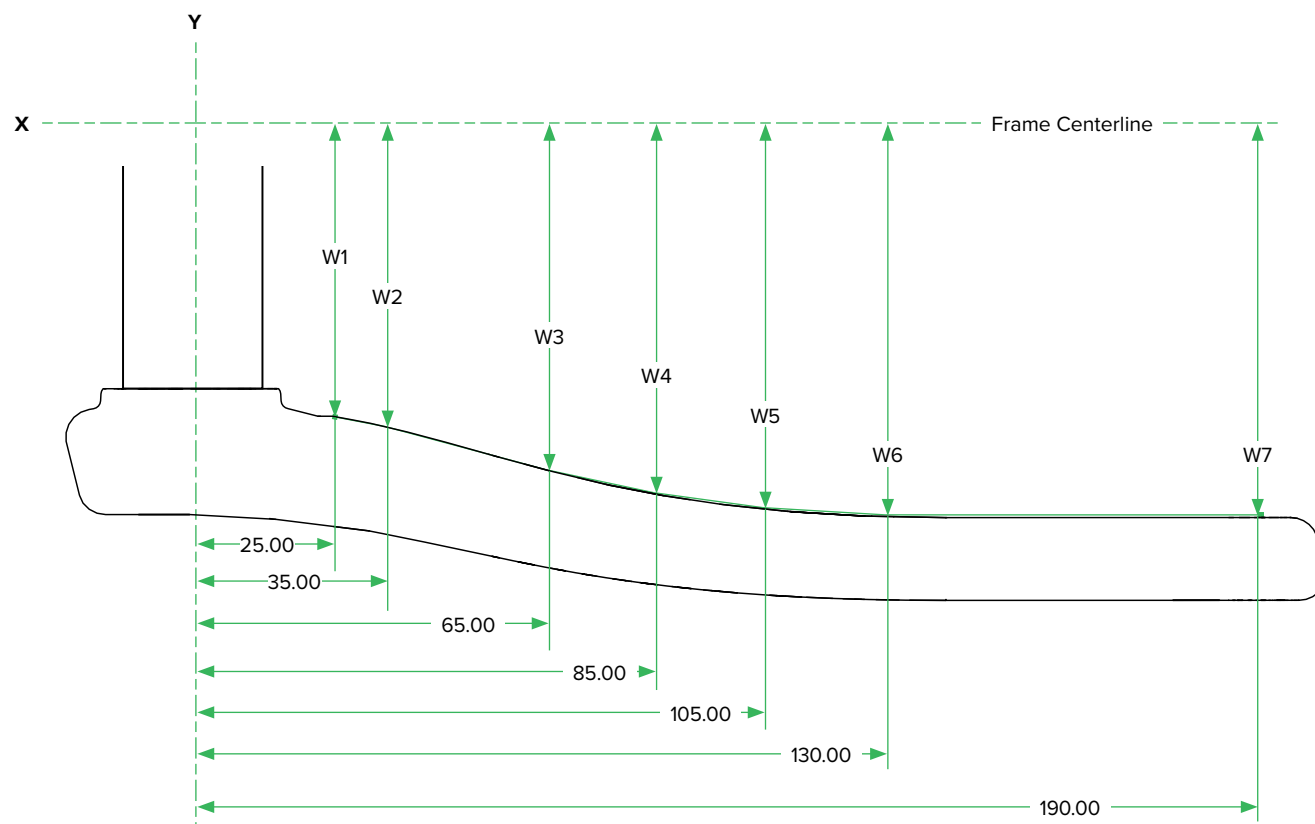
	Chainring		L1	L2	L3	W1	W2	CL	W5*	
1x12	30T	non-BOOST	35.2	50.7	64.3	48 51 (BOOST Variant)	47.2 50.3 (BOOST Variant)	49 52 (BOOST Variant)	73.6	
		BOOST	31.5	58.7						
	32T	non-BOOST	27	54.7	68.3					
		BOOST	29.3	55.2						
	34T	non-BOOST	31.5	58.7	72.3					
		BOOST	31.5	59.2						
	Q-factor : 172				Bottom Bracket Type(s): DUB BSA 73 : DUB BB30™ : DUB PF30™ : DUB PF 89.5/92					
	*Dimensions will vary for cranks equipped with crank boots. Consult the section titled "Crank Boot."									



GX™ Eagle™ DUB™

Non-Drive Frame Clearance

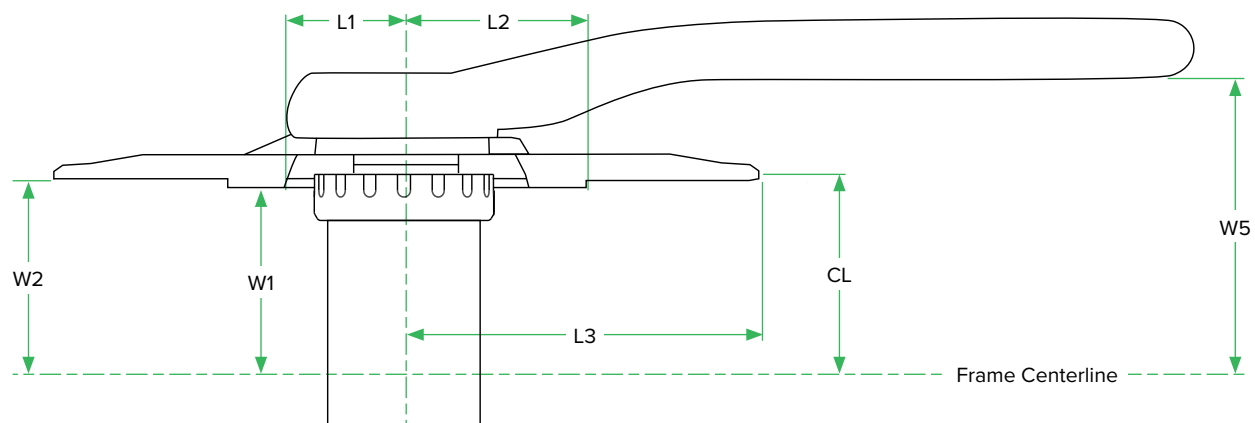
		W1	W2	W3	W4	W5	W6	W7
1x12	X	25	35	65	85	105	130	190
	Y	56.7	60.2	69.9	72.5	73.5	73.6	73.6
	Q-factor : 172		Bottom Bracket Type(s): DUB BSA 73 : DUB BB30™ : DUB PF30™ : DUB PF 89.5/92					



GX™ Eagle™ DUB™ - Fatbike

Non-Drive Frame Clearance

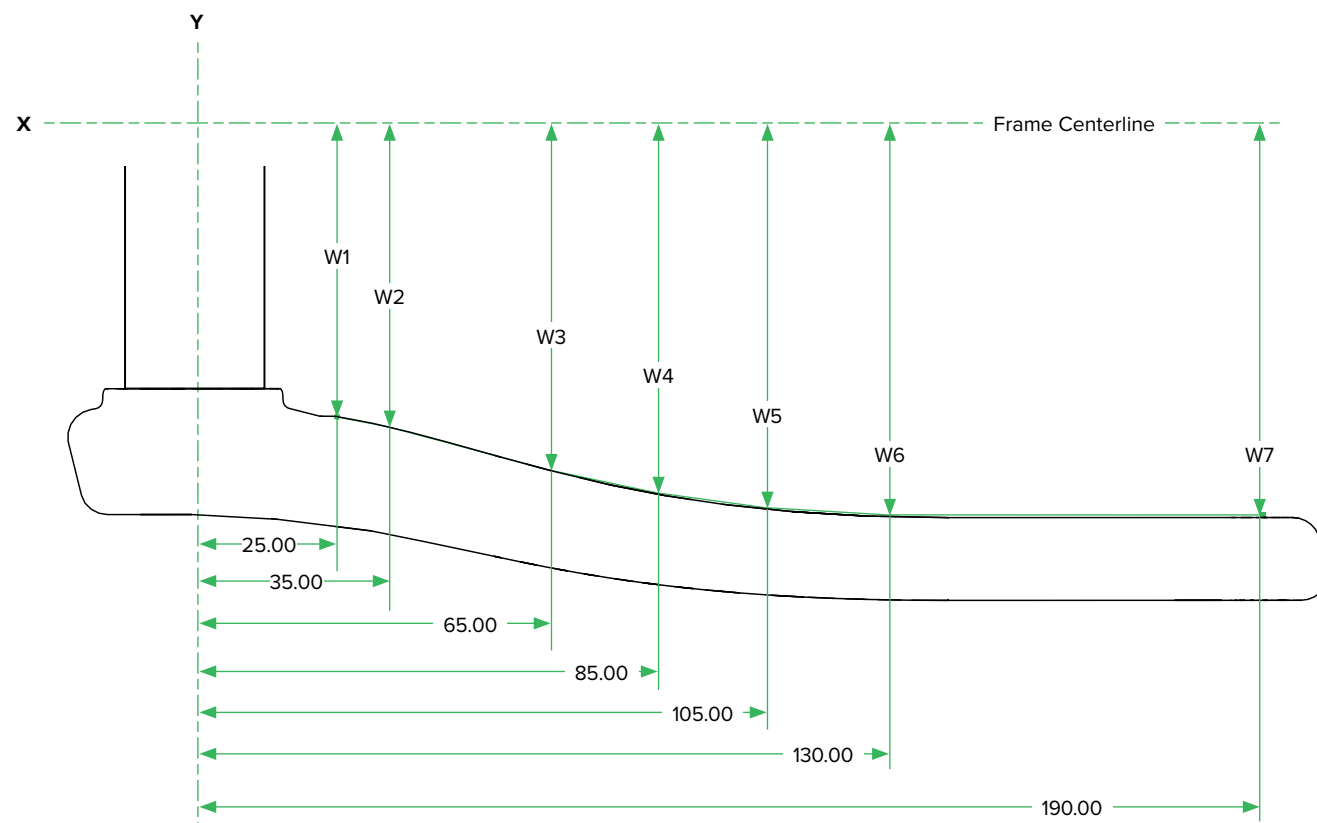
1x12	Chainring		L1	L2	L3	W1	W2	CL	W5
	30T	4" Fatbike (170 OLD)	25.9	29.4	64.3	65.5	65	66.5	91.1
		5" Fatbike (190 OLD)	22.8	29		70	74.7	76.5	
	Q-factor : 206				Bottom Bracket Type(s): DUB BSA 100 : DUB PF 121				



GX™ Eagle™ DUB™ - Fatbike

Non-Drive Frame Clearance

		W1	W2	W3	W4	W5	W6	W7
1x12	X	25	35	65	85	105	130	190
	Y	72.75	76.28	85.89	88.51	89.6	89.6	89.6
	Q-factor : 206		Bottom Bracket Type(s): DUB BSA 100 : DUB PF 121					

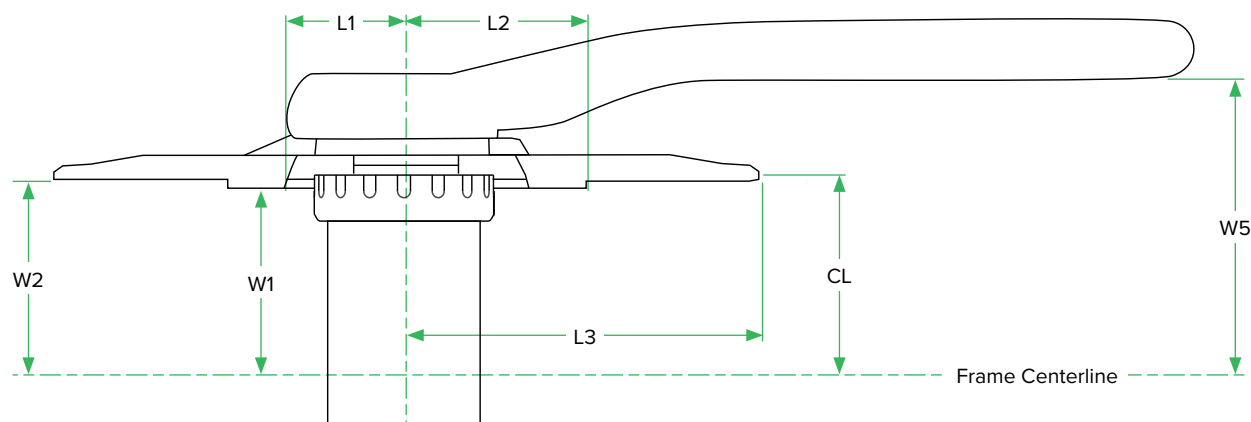


Descendant™ 7K Eagle™ DUB™

Descendant™ 7K Eagle™ DUB™

Drive Side Frame Clearance - BOOST and non-BOOST

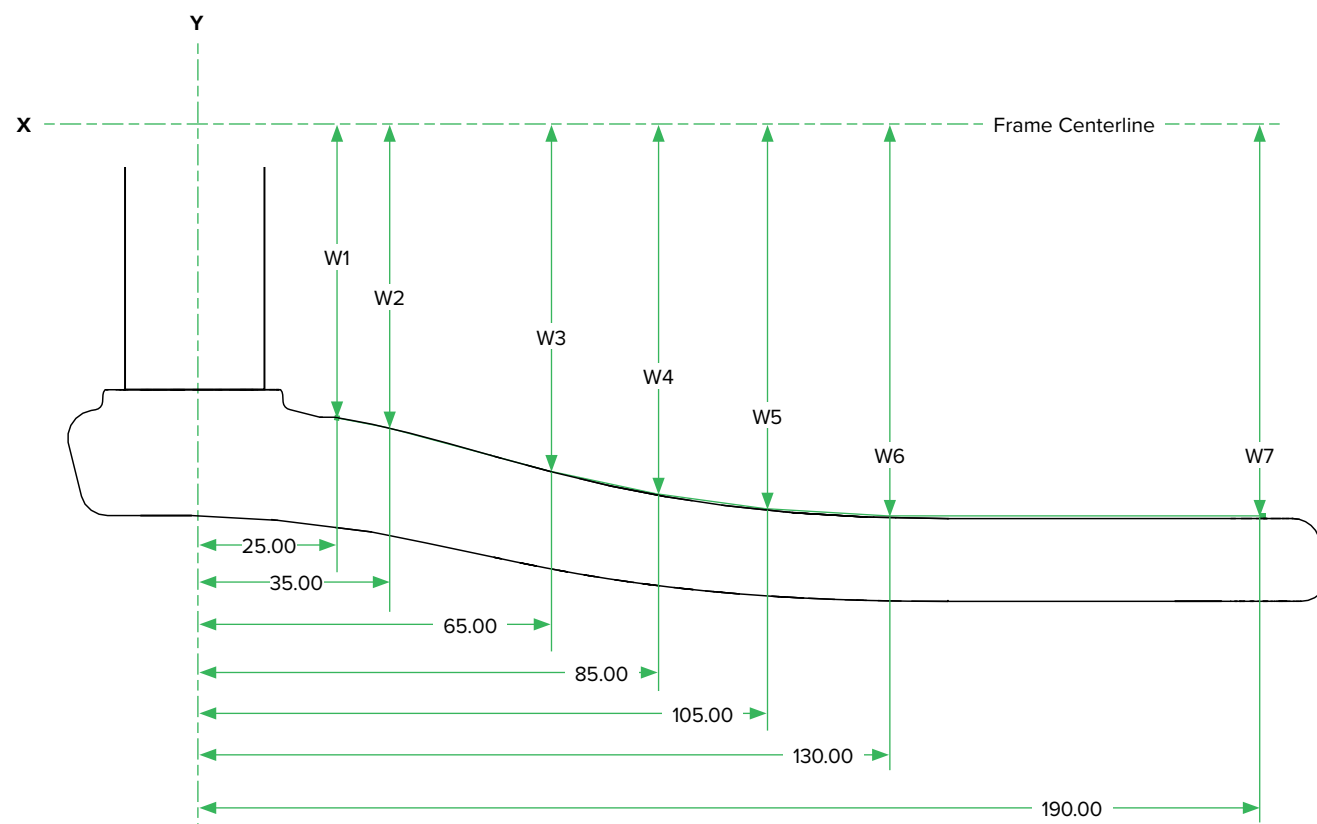
	Chainring		L1	L2	L3	W1	W2	CL	W5*
1x12	30T	non-BOOST	31.5	50.7	64.3	48 51 (BOOST Variant)	47.3 50.3 (BOOST Variant)	49 52 (BOOST Variant)	71.7
		BOOST		58.7					
	32T	non-BOOST		54.7	68.3				
		BOOST		55.2					
	34T	non-BOOST		58.7	72.3				
		BOOST		59.2					
	Q-factor : 169			Bottom Bracket Type(s): DUB BSA 73 : DUB BB30™ : DUB PF30™ : DUB PF 89.5/92					
	*Dimensions will vary for cranks equipped with crank boots. Consult the section titled "Crank Boot."								



Descendant™ 7K Eagle™ DUB™

Non-Drive Frame Clearance

		W1	W2	W3	W4	W5	W6	W7
1x12	X	25	35	65	85	105	130	190
	Y	57	60	68.2	70.7	71.5	71.7	71.7
	Q-factor : 169		Bottom Bracket Type(s): DUB BSA 73 : DUB BB30™ : DUB PF30™ : DUB PF 89.5/92					

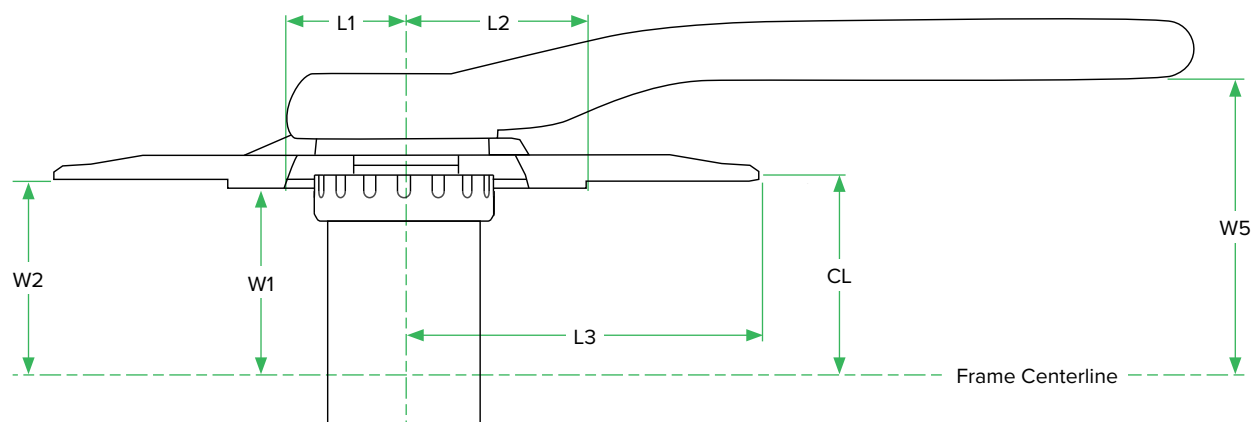


Descendant™ 6K Eagle™ DUB™

Descendant™ 6K Eagle™ DUB™

Drive Side Frame Clearance - BOOST and non-BOOST

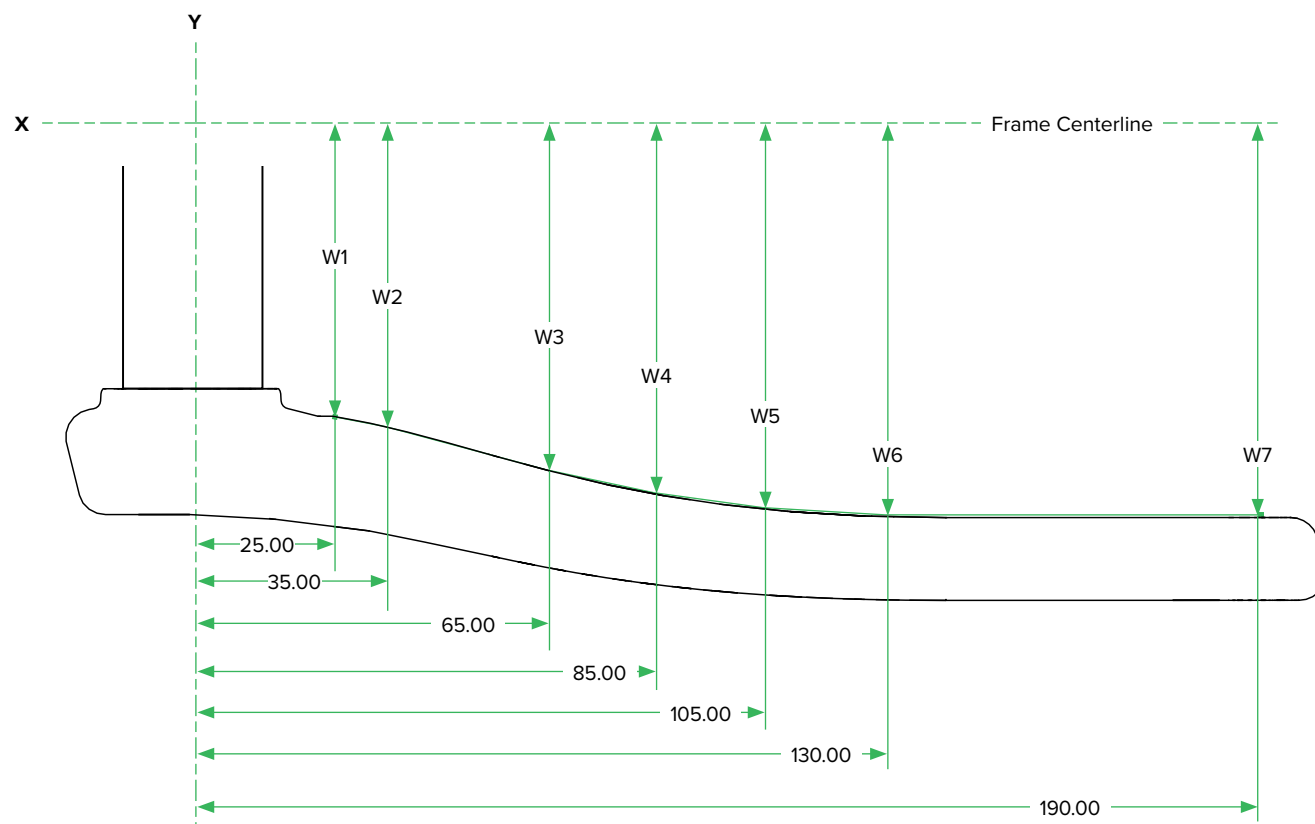
	Chainring		L1	L2	L3	W1	W2	CL	W5*
1x12	30T	non-BOOST	29.6	48.2	63.7	52.4 52.8 (BOOST Variant)	47.2 50.2 (BOOST Variant)	49 52 (BOOST Variant)	71.7
		BOOST		47.1					
	32T	non-BOOST		50.9	67.8				
		BOOST		51.2					
	34T	non-BOOST		53.9	71.8				
		BOOST		54.2					
	Q-factor : 169			Bottom Bracket Type(s): DUB BSA 73 : DUB BB30™ : DUB PF30™ : DUB PF 89.5/92					
	*Dimensions will vary for cranks equipped with crank boots. Consult the section titled "Crank Boot."								



Descendant™ 6K Eagle™ DUB™

Non-Drive Frame Clearance

		W1	W2	W3	W4	W5	W6	W7
1x12	X	25	35	65	85	105	130	190
	Y	57	60	68.2	70.7	71.5	71.7	71.7
	Q-factor : 169		Bottom Bracket Type(s): DUB BSA 73 : DUB BB30™ : DUB PF30™ : DUB PF 89.5/92					

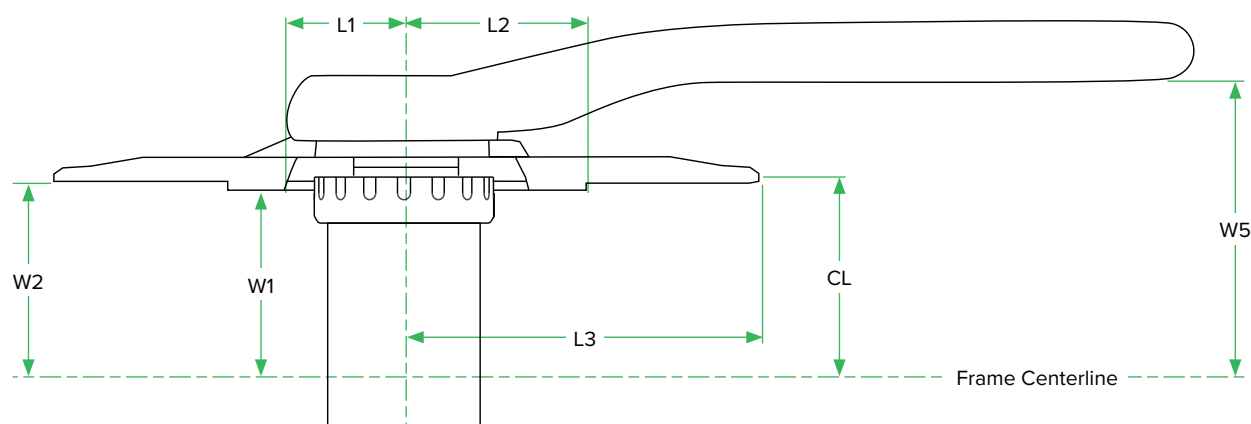


Stylo® 7K Eagle DUB

Stylo® 7K Eagle DUB

Drive Side Frame Clearance - BOOST and non-BOOST

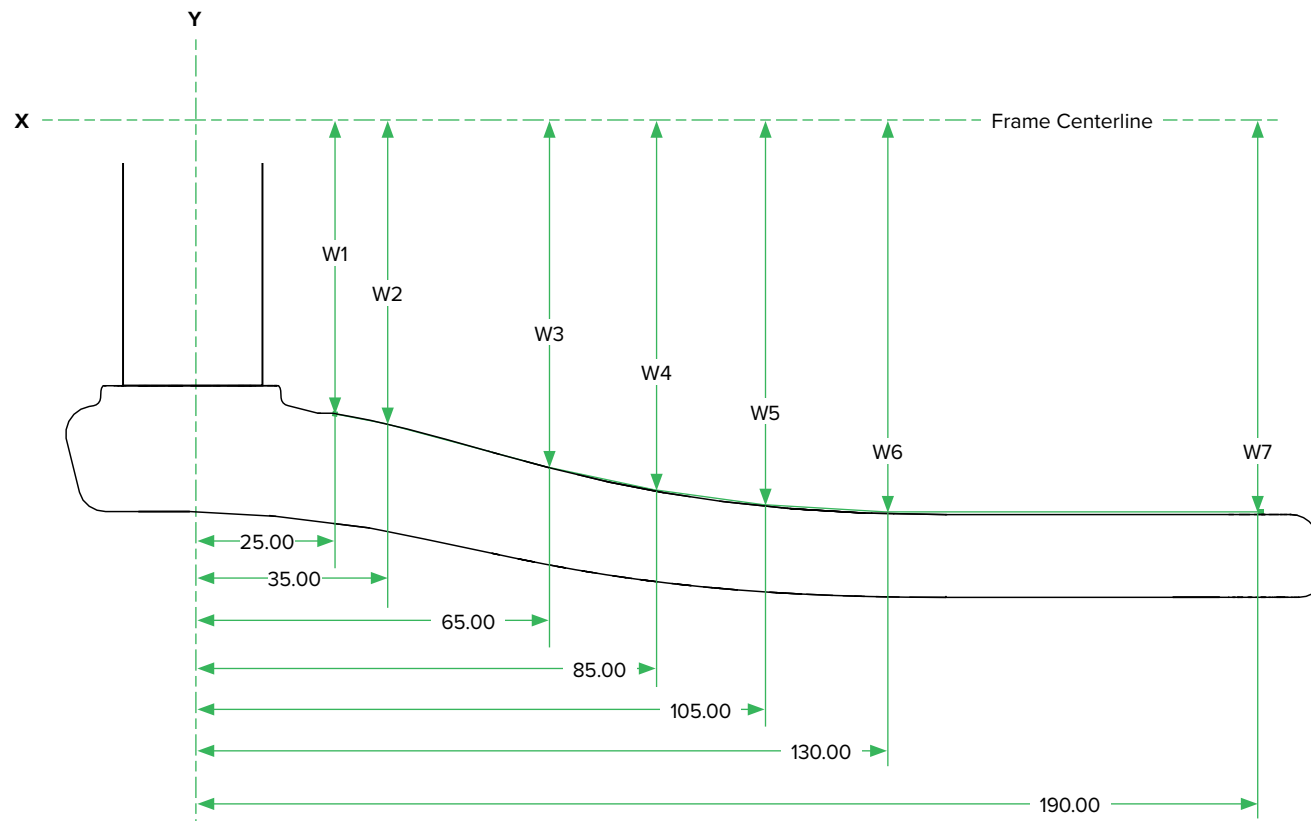
	Chainring		L1	L2	L3	W1	W2	CL	W5*
1x12	30T	non-BOOST	31.5	50.7	64.3	48 51 (BOOST Variant)	47.3 50.2 (BOOST Variant)	49 52 (BOOST Variant)	73.5
		BOOST		58.7					
	32T	non-BOOST		54.7	68.3				
		BOOST		55.2					
	34T	non-BOOST		58.7	72.3				
		BOOST		59.2					
	Q-factor : 172			Bottom Bracket Type(s): DUB BSA 73 : DUB BB30™ : DUB PF30™ : DUB PF 89.5/92					
	*Dimensions will vary for cranks equipped with crank boots. Consult the section titled "Crank Boot."								



Stylo® 7K Eagle DUB

Non-Drive Frame Clearance

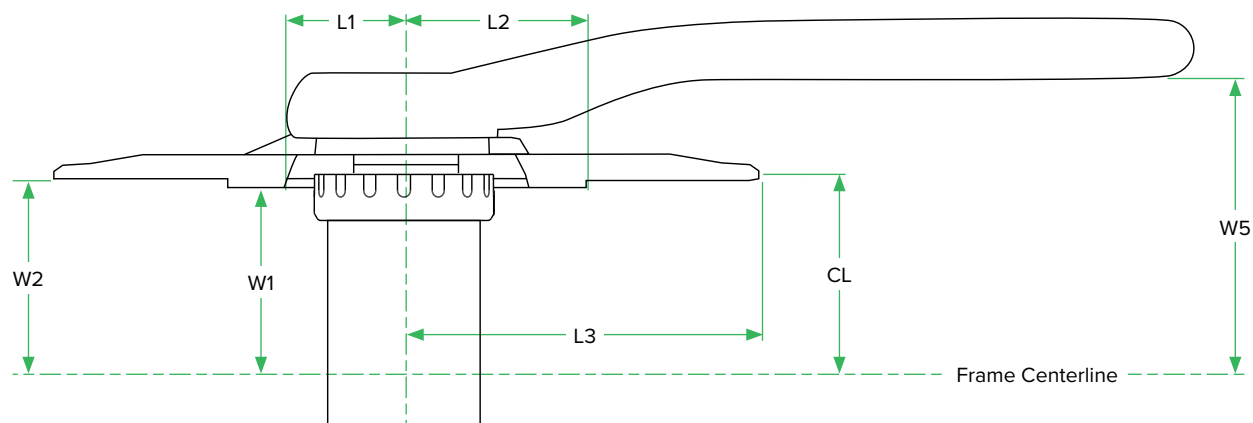
		W1	W2	W3	W4	W5	W6	W7
1x12	X	25	35	65	85	105	130	190
	Y	59.74	61.5	68.4	71.75	73.32	73.5	73.5
	Q-factor : 172		Bottom Bracket Type(s): DUB BSA 73 : DUB BB30™ : DUB PF30™ : DUB PF 89.5/92					



Stylo® 7K Eagle DUB - Fat 4

Drive Side Frame Clearance

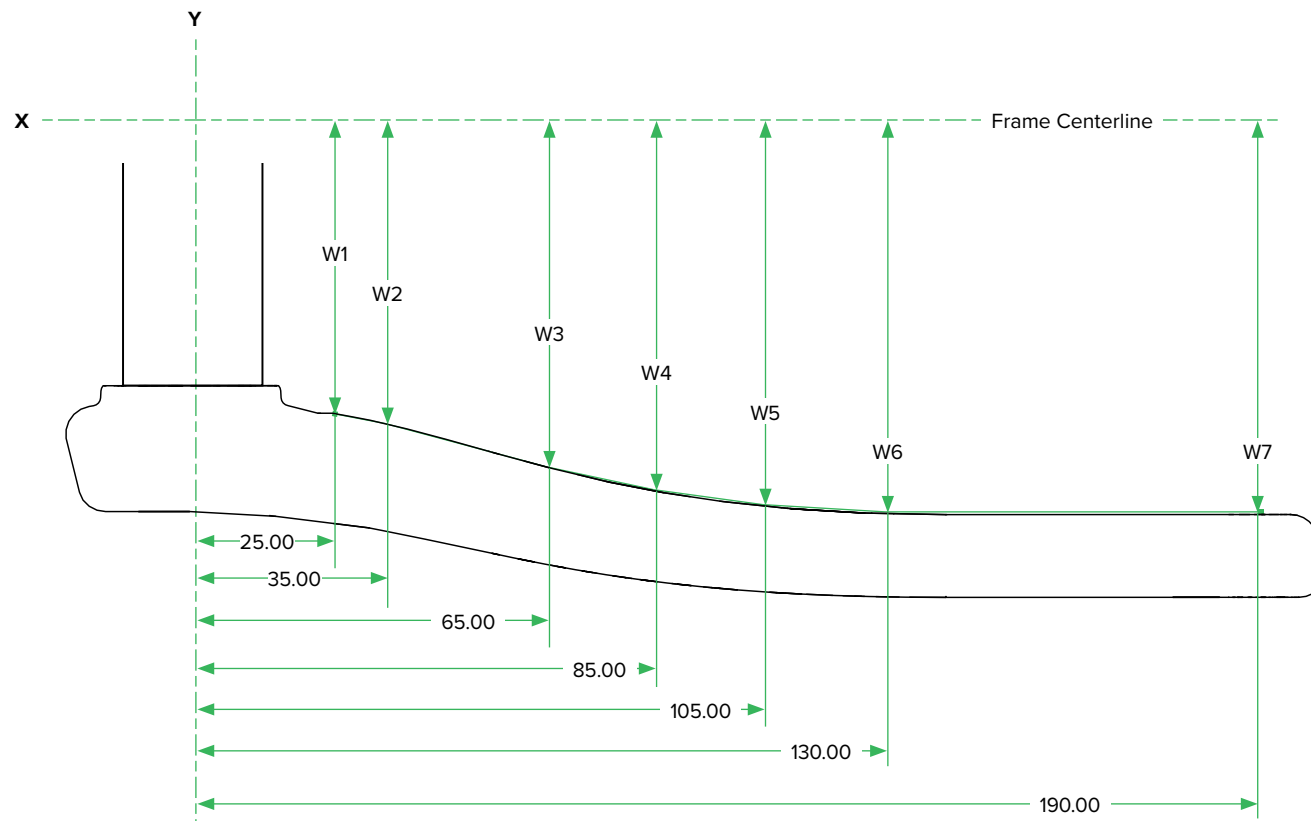
	Chainring		L1	L2	L3	W1	W2	CL	W5
1x12	30T	4" Fatbike (170 OLD)	25.9	29.4	64.3	69.7	64.7	66.5	91
Q-factor : 207.5				Bottom Bracket Type(s): DUB BSA 100 : DUB PF 121					



Stylo® 7K Eagle DUB - Fat 4

Non-Drive Frame Clearance

		W1	W2	W3	W4	W5	W6	W7
1x12	X	25	35	65	85	105	130	190
	Y	77.58	79.4	86.42	89.75	91.32	91.5	91.5
	Q-factor : 206		Bottom Bracket Type(s): DUB BSA 100 : DUB PF 121					

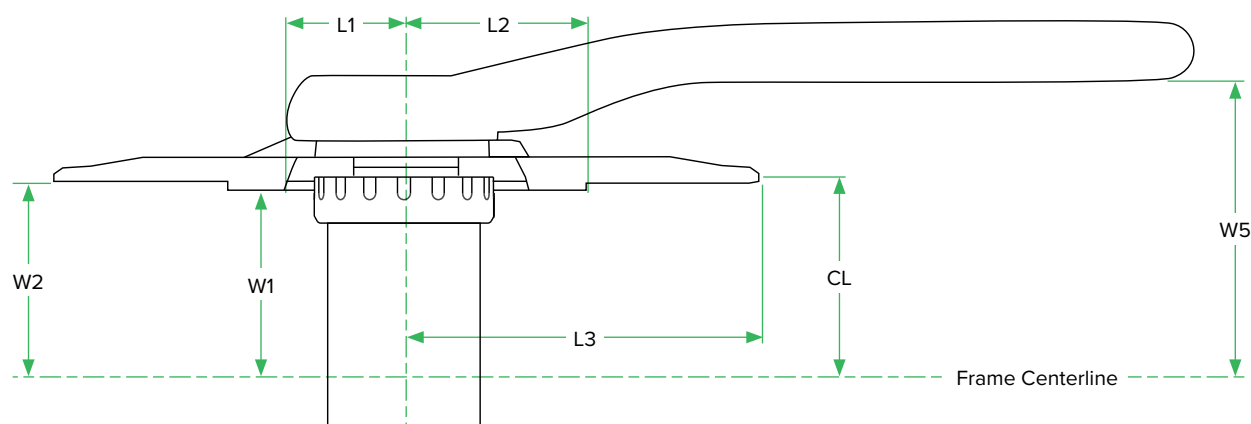


Stylo® 6K Eagle DUB

Stylo® 6K Eagle DUB

Drive Side Frame Clearance

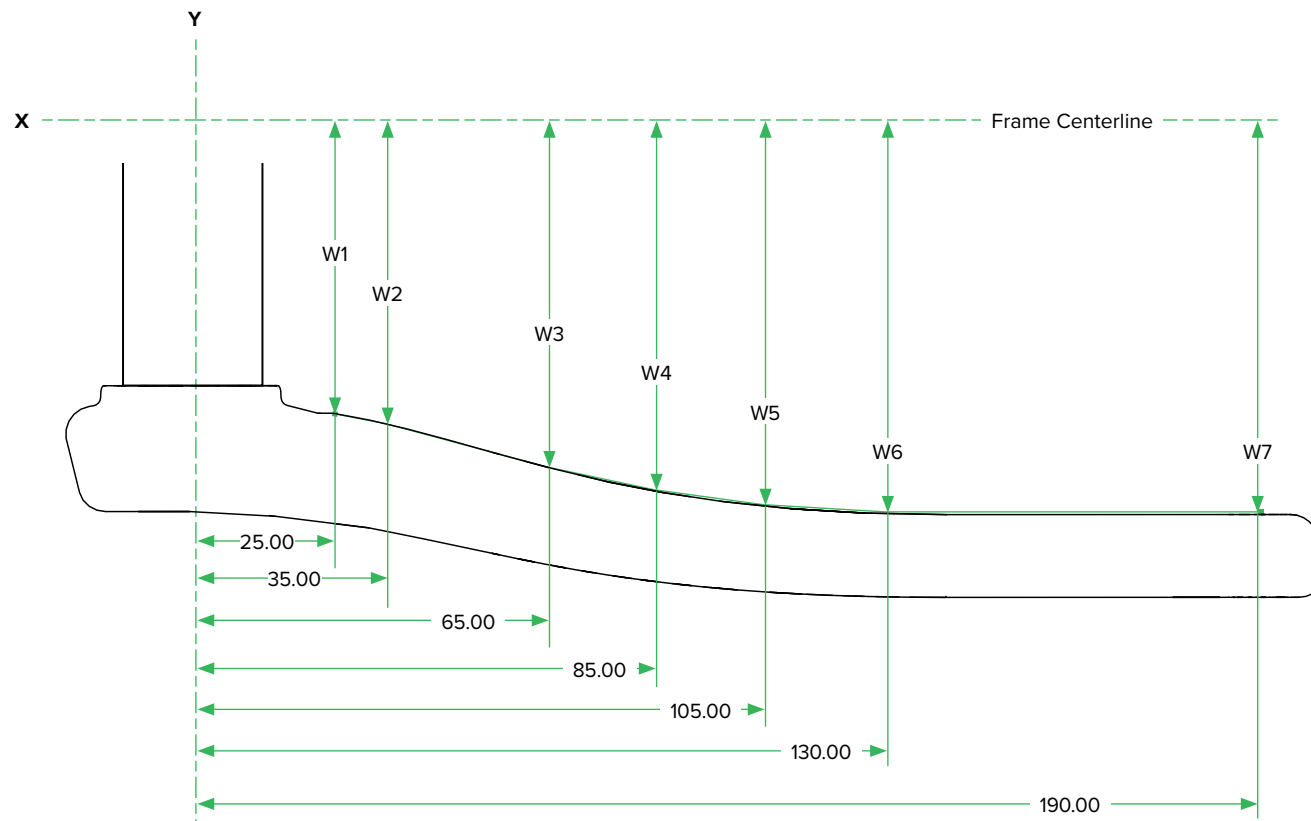
	Chainring		L1	L2	L3	W1	W2	CL	W5*	
1x12	30T	non-BOOST	29.6	46.7	63.7	52.4 52.8 (BOOST Variant)	47.2 50.2 (BOOST Variant)	49 52 (BOOST Variant)	73.5	
		BOOST		47.1						
	32T	non-BOOST		50.9	67.8					
		BOOST		51.2						
	34T	non-BOOST		53.9	71.8					
		BOOST		54.2						
	Q-factor : 172			Bottom Bracket Type(s): DUB BSA 73 : DUB BB30™ : DUB PF30™ : DUB PF 89.5/92						
	*Dimensions will vary for cranks equipped with crank boots. Consult the section titled "Crank Boot."									



Stylo® 6K Eagle DUB

Non-Drive Frame Clearance

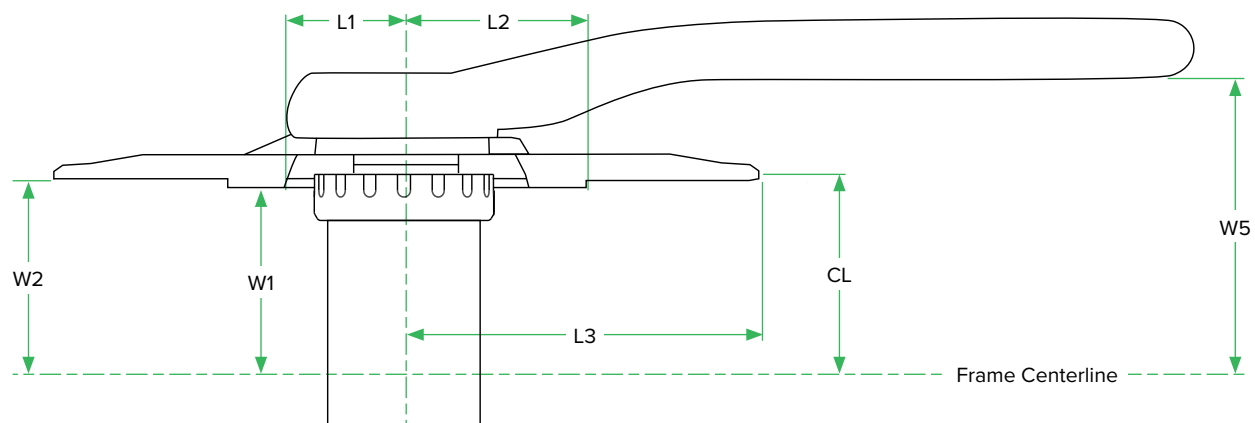
		W1	W2	W3	W4	W5	W6	W7
1x12	X	25	35	65	85	105	130	190
	Y	59.74	61.5	68.4	71.75	73.32	73.5	73.5
	Q-factor : 172		Bottom Bracket Type(s): DUB BSA 73 : DUB BB30™ : DUB PF30™ : DUB PF 89.5/92					



Stylo® 6K Eagle DUB - Fat 4

Drive Side Frame Clearance

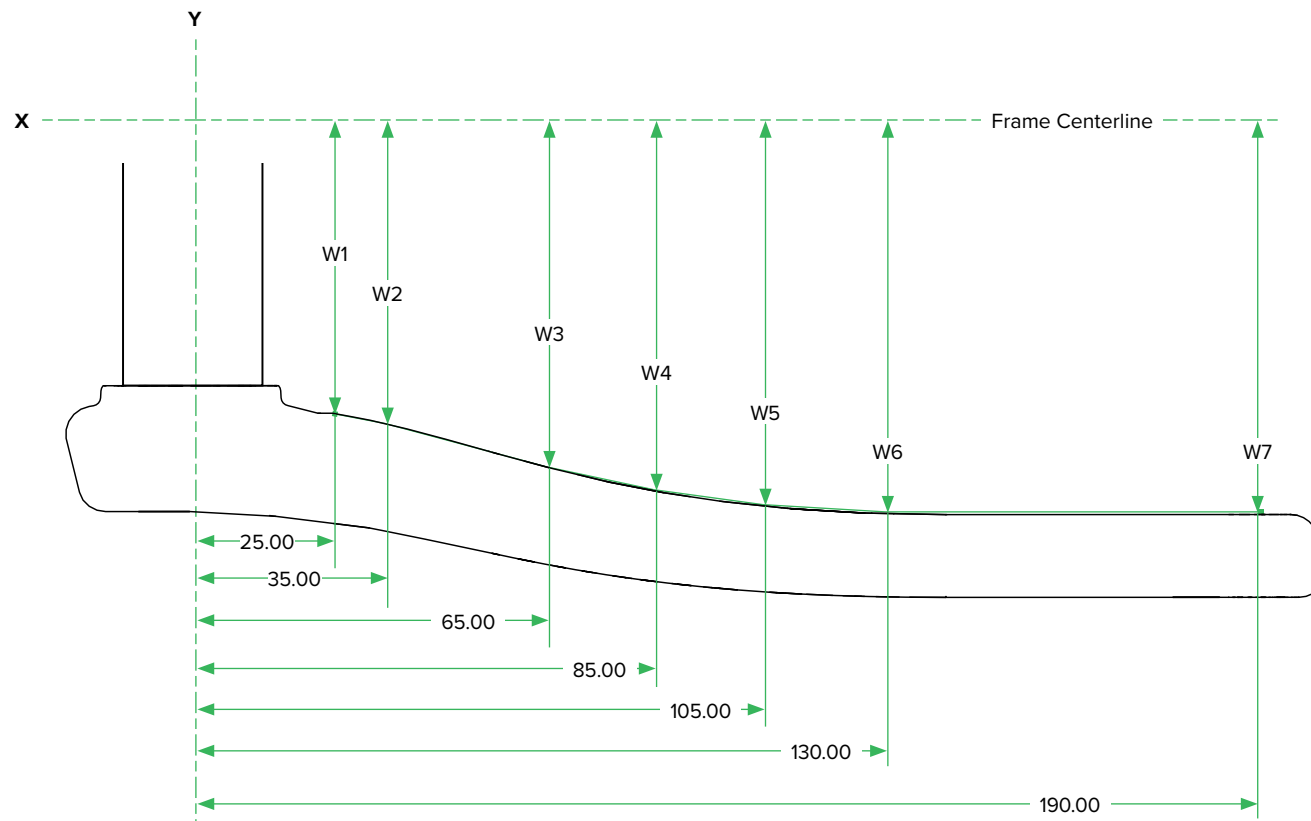
1x12	Chainring		L1	L2	L3	W1	W2	CL	W5
	30T	4" Fatbike (170 OLD)	29.6	46.7	63.7	69.8	64.7	66.5	91
	Q-factor : 207.5			Bottom Bracket Type(s): DUB BSA 100 : DUB PF 121					



Stylo® 6K Eagle DUB - Fat 4

Non-Drive Frame Clearance

		W1	W2	W3	W4	W5	W6	W7
1x12	X	25	35	65	85	105	130	190
	Y	77.58	79.4	86.42	89.75	91.32	91.5	91.5
	Q-factor : 207.5		Bottom Bracket Type(s): DUB BSA 100 : DUB PF 121					



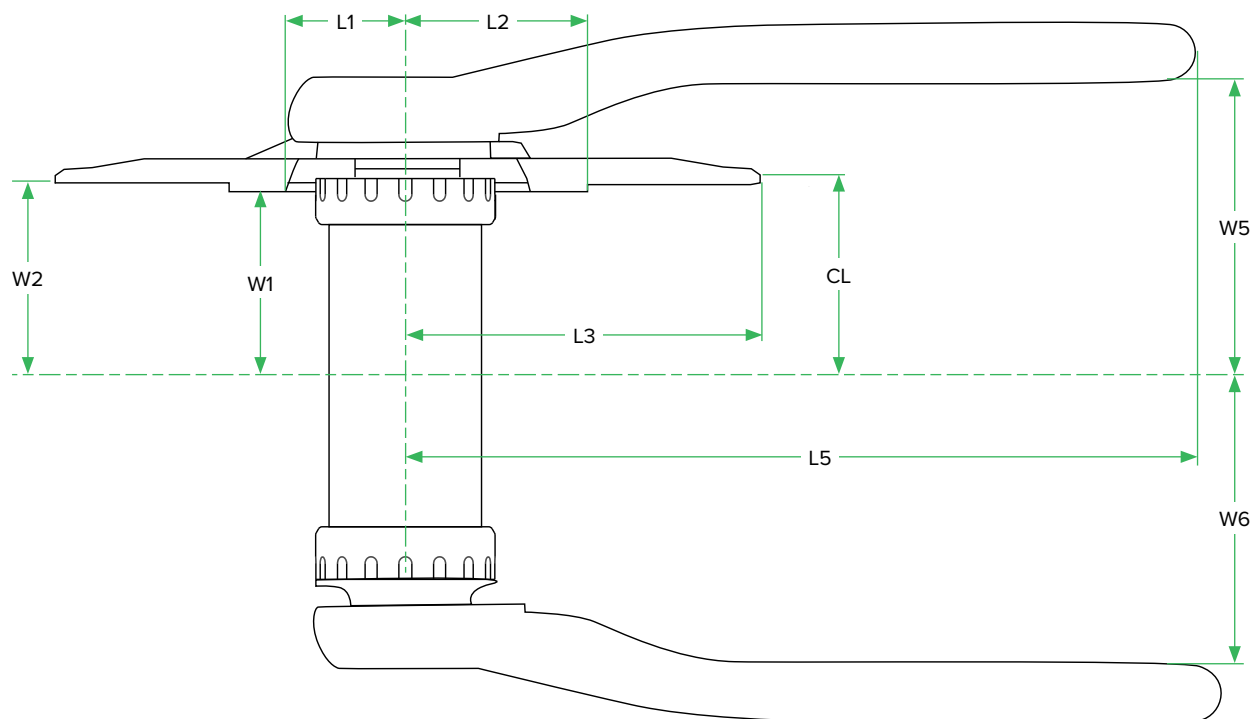
24 mm/30 mm Spindle Cranksets

1x11 & 1x7 Cranksets

X01® DH

Crankset Frame Clearance

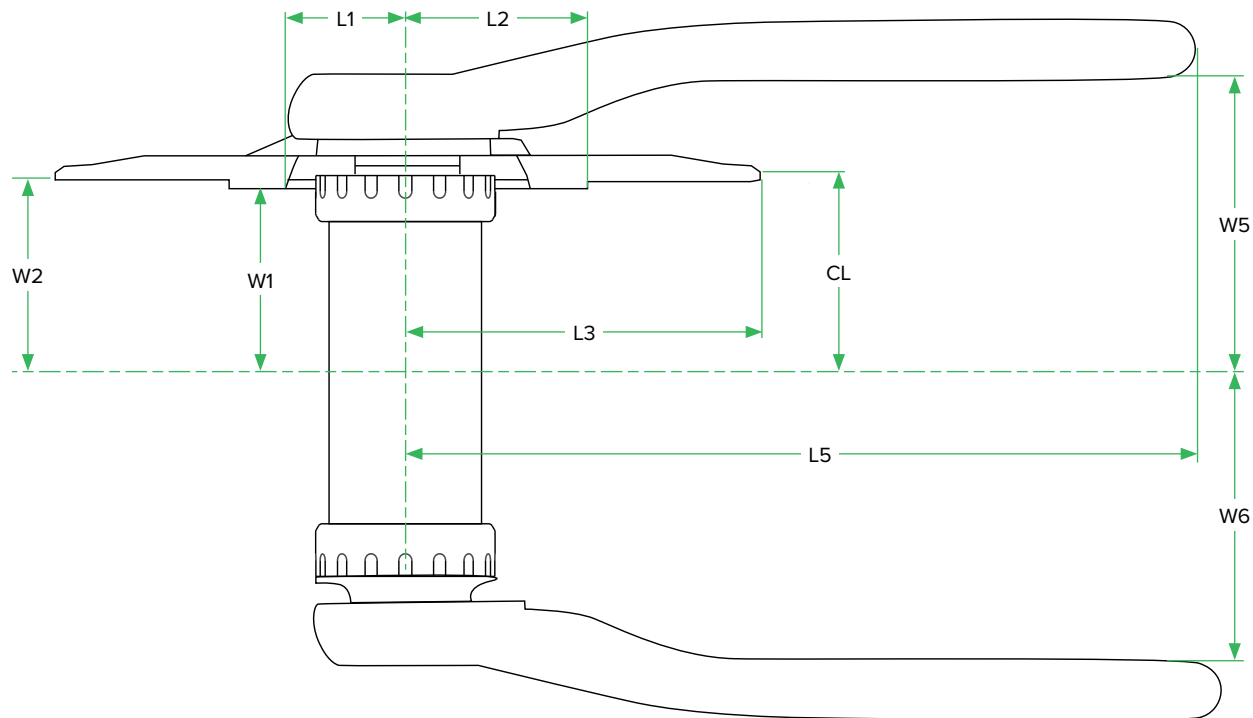
	Chainring	L1	L2	L3	L5	W1	W2	W5	W6	CL
1x7	32	23	40	68.5	190* (170 mm crank arm)	51 (BB30/PF30: 50)	53.2 (BB30/PF30: 52.2)	78* (BB30/PF30: 77)	78* (BB30/PF30: 75.9)	55 (BB30/PF30: 54)
	34			72.5						
	36			76.5						
	38			80.5						
	Q-factor : GXP/PFGXP - 181			Q-factor : BB30/PF30 - 177.9		Bottom Bracket Type(s): GXP® : BB30™ : PF30™ : PFGXP™				
*Dimensions will vary for cranks equipped with crank boots. Consult the section titled "Crank Boot."										



Descendant™ DH

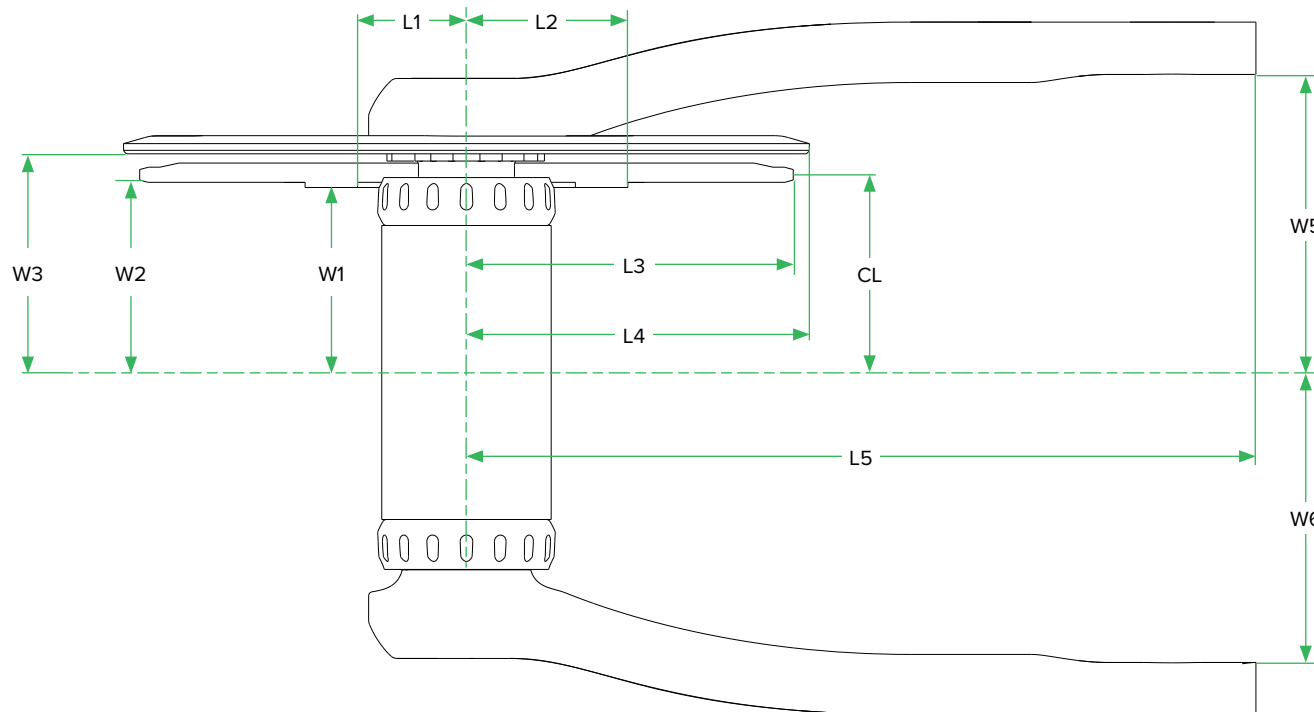
Crankset Frame Clearance

	Chainring	L1	L2	L3	L5	W1	W2	W5	W6	CL
1x7	34	26	39	72.5	187 (170 mm crank arm)	54.5	55.5	78	78	57
	36			76.5						
	38			80.5						
	Q-factor : 181						Bottom Bracket Type(s): GXP® : BB30™ : PF30™ : PFGXP™			



Crankset Frame Clearance

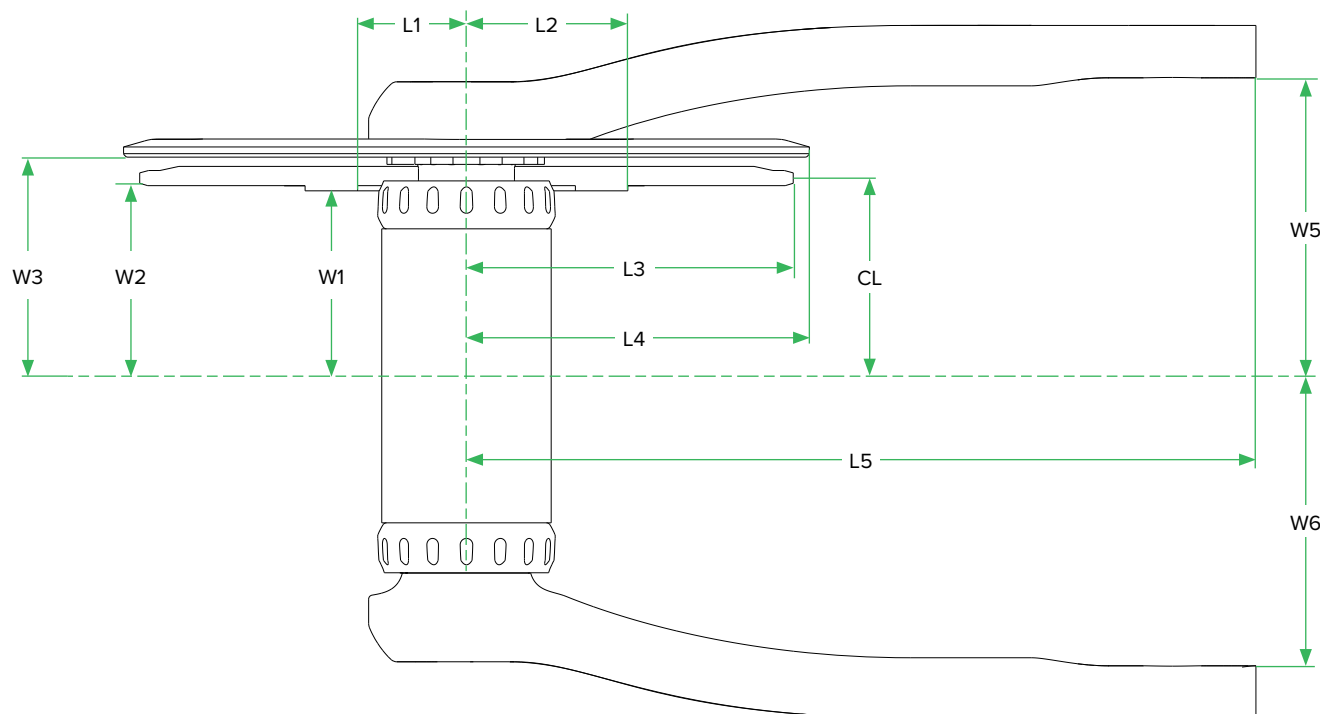
	Chainring	L1	L2	L3	L4	L5	W1	W2	W3	W5	W6	CL
1x11	28	-	31.5	59.7	-	192	45.5	46.5	55.5	72	72	49
	30	23	40	64.5	69.5							
	32			68.5	73.5							
	34			72.5	77.5							
	36			76.5	81.5							
	38			80.5	85.5							
	Q-factor : 169						Bottom Bracket Type(s): GXP® : BB30™ : PF30™ : PFGXP™					



NX™ - BOOST™ 148 Compatible

Crankset Frame Clearance

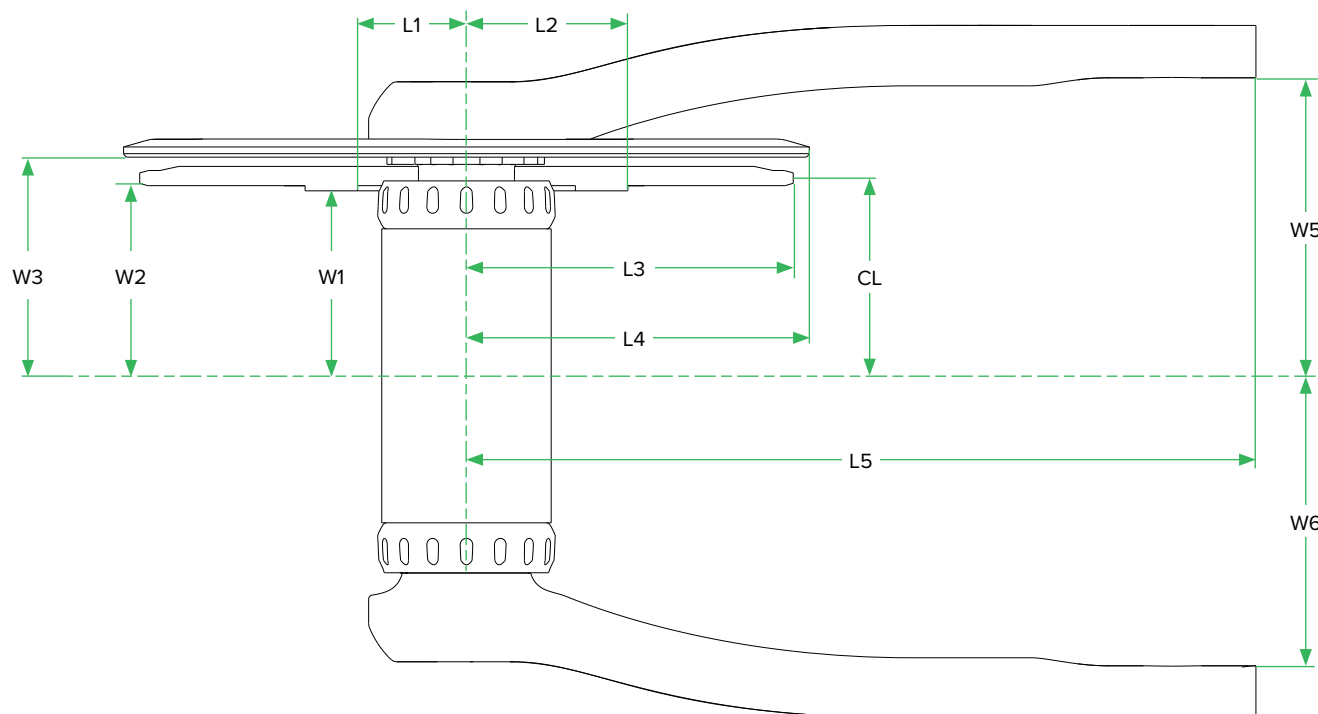
	Chainring	L1	L2	L3	L4	L5	W1	W2	W3	W5	W6	CL
1x11	30	23	40	64.5	69.5	192	49	50	57.3	72	72	52
	32			68.5	73.5							
	34			72.5	77.5							
	36			76.5	81.5							
	38			80.5	85.5							
	Q-factor : 169						Bottom Bracket Type(s): GXP [®] : BB30 [™] : PF30 [™] : PFGXP [™]					



NX™ Power Spline™

Crankset Frame Clearance

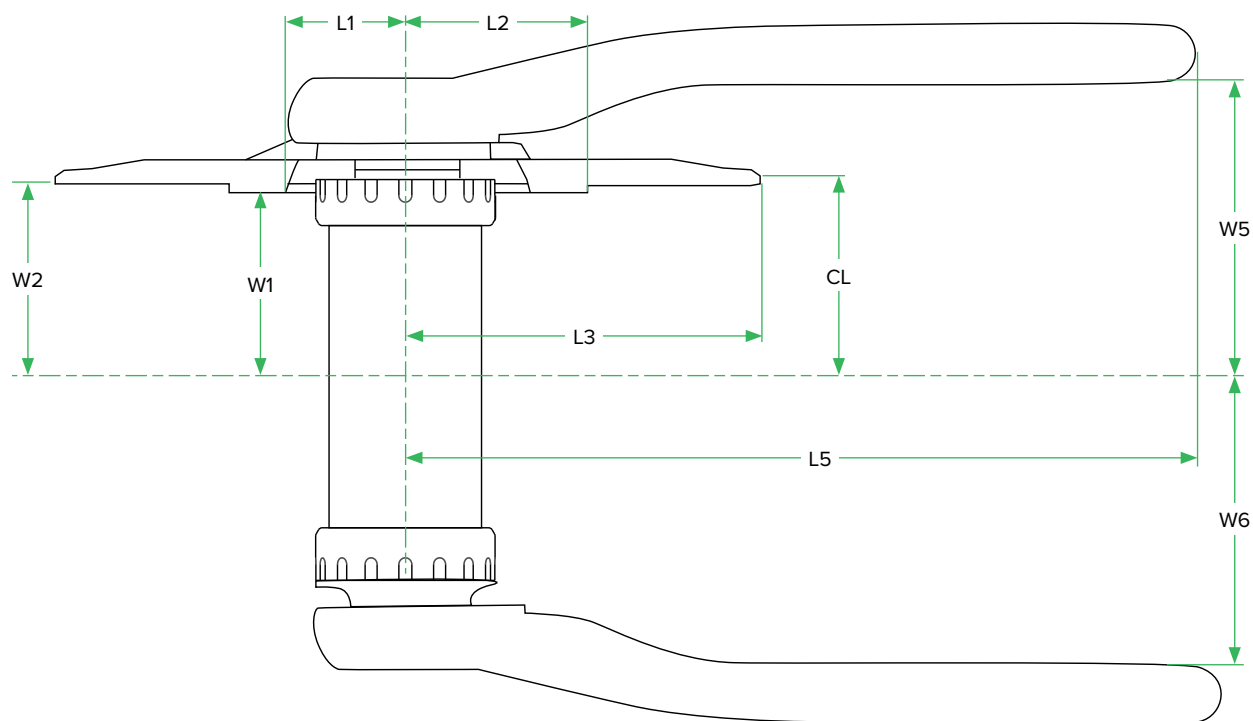
	Chainring	L1	L2	L3	L5	W1	W2	W5	W6	CL
1x11	28	-	31.5	59.7	192	46	47.2	73.5	73.5	49
	30	34.5	39	64	192	46	47.5	73.5	73.5	49
	32			68						
	Q-factor : 172					Bottom Bracket Type(s): Power Spline 118/73				



NX™ Power Spline™ - BOOST™ 148 Compatible

Crankset Frame Clearance

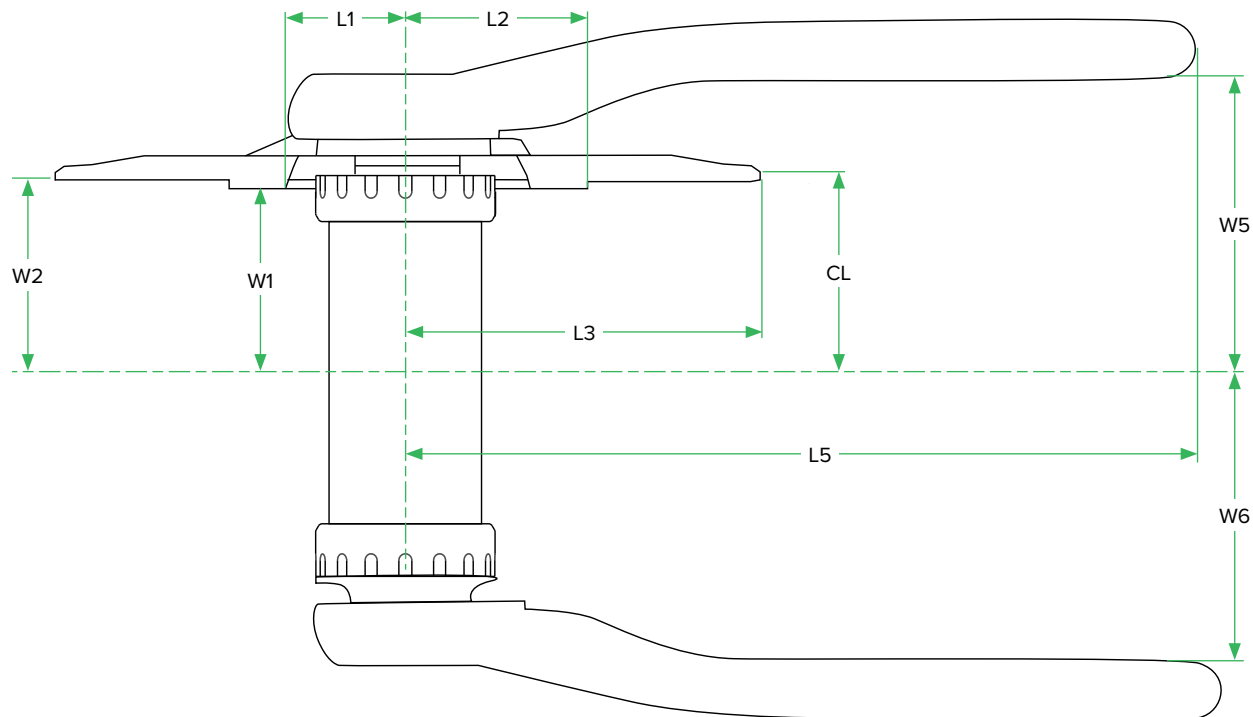
	Chainring	L1	L2	L3	L5	W1	W2	W5	W6	CL
1x11	28	-	31.5	60	192	51.8	50.2	73.5	73.5	52
	30			64						
	32			68						
	Q-factor : 172					Bottom Bracket Type(s): Power Spline 118/73				



NX™ - Fatbike

Crankset Frame Clearance

	Chainring	L1	L2	L3	L5	W1	W2	W5	W6	CL
1x11	30	27	41	64.5	192	67	64.5	89.5	88	66.5
	32			68.5						
	Q-factor : 203					Bottom Bracket Type(s): GXP® : BB30™ : PF30™ : PFGXP™				

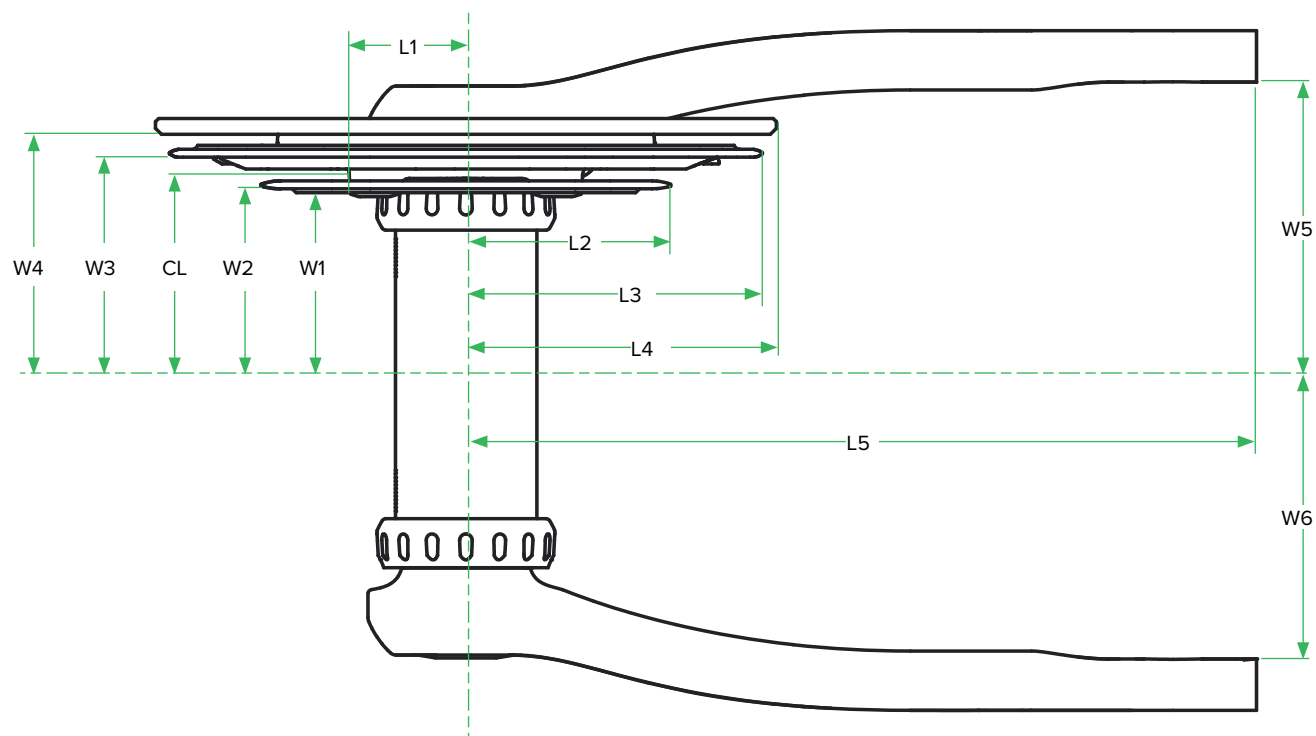


2x11 Cranksets

GX™-1400

Crankset Frame Clearance

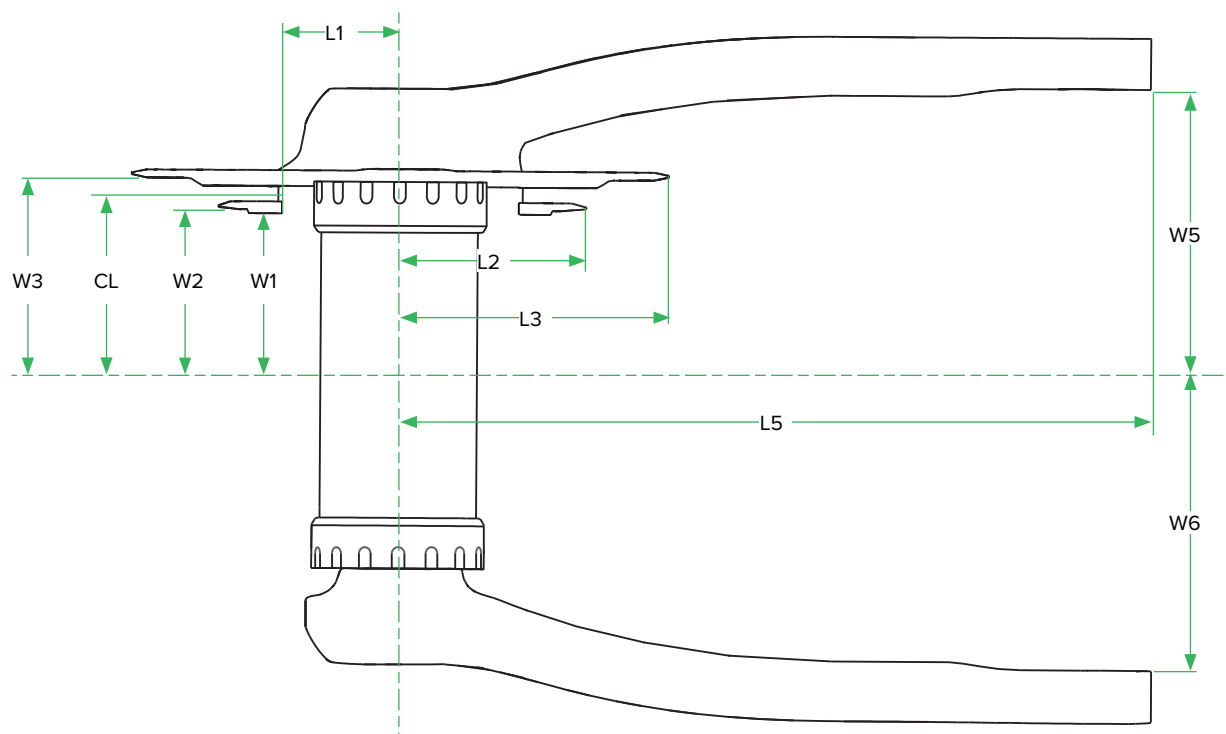
	Chainring	L1	L2	L3	L4	L5	W1	W2	W3	W4	W5	W6	CL
2x11	36/24	24.5	50.7	74.4	78	192	43	44	52	57.8	72	72	49
	Q-factor : 171					Bottom Bracket Type(s): GXP® : BB30™ : PF30™ : PFGXP™							



GX™-1400 - BOOST™ 148 Compatible

Crankset Frame Clearance

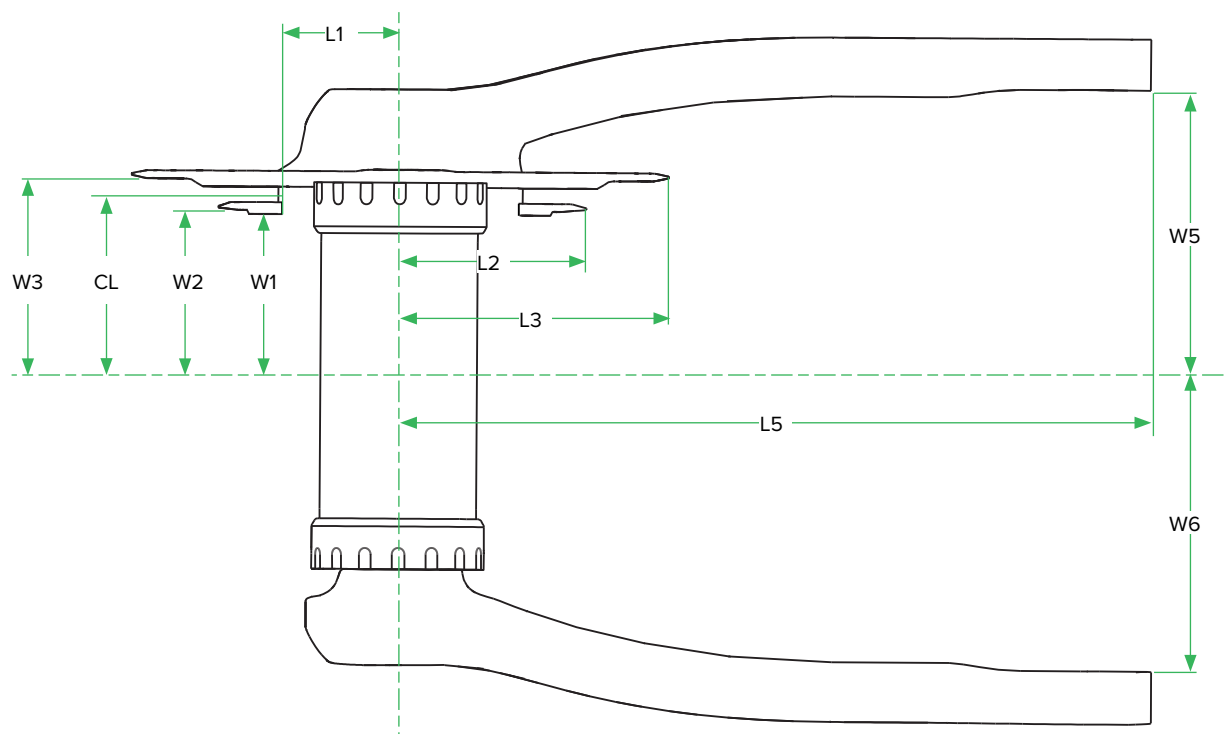
	Chainring	L1	L2	L3	L4	L5	W1	W2	W3	W5	W6	CL
2x11	36/24	24.5	50.7	74.4	78	192	46	47	55	72	72	52
	Q-factor : 169					Bottom Bracket Type(s): GXP® : BB30™ : PF30™ : PFGXP™						



GX™-1400 - Fatbike

Crankset Frame Clearance

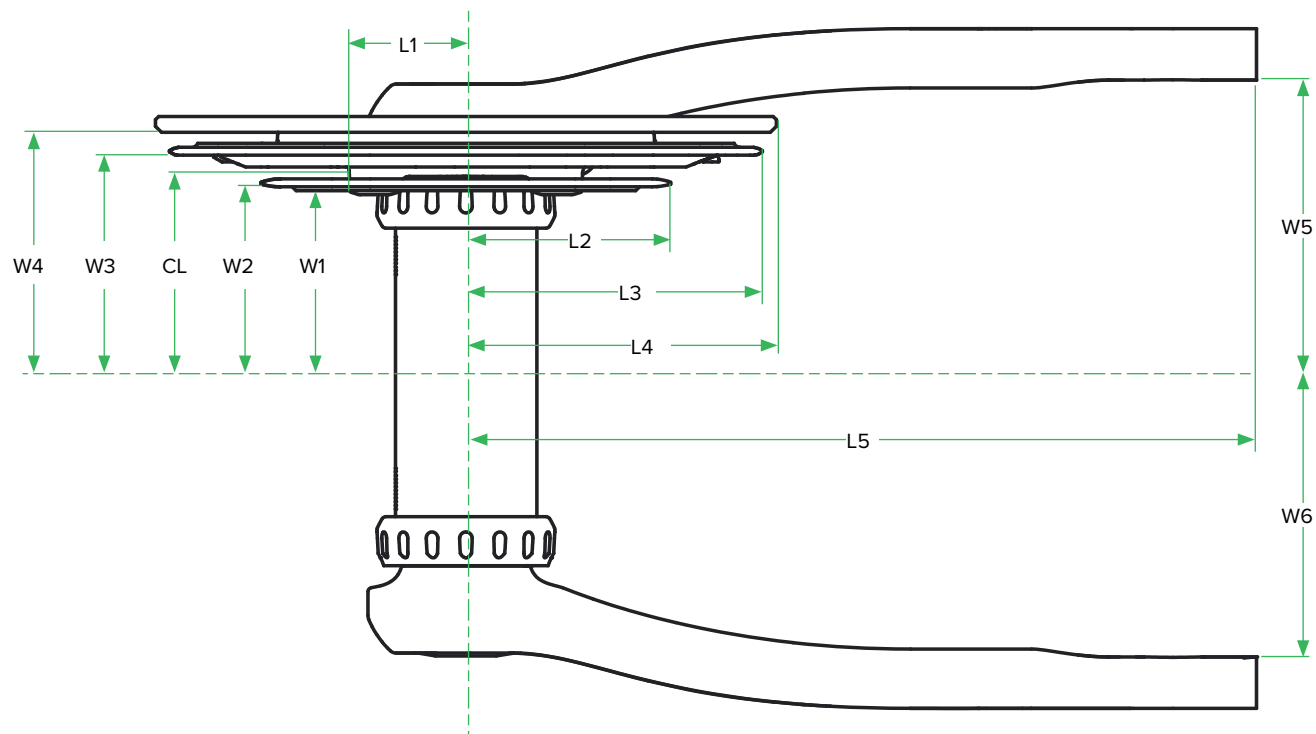
	Chainring	L1	L2	L3	L5	W1	W2	W3	W5	W6	CL
2x11	36/24	24.5	50.7	74.4	192	60.5	61.5	69.5	91.5	88	66.5
	Q-factor : 203.5					Bottom Bracket Type(s): GXP® : PFGXP™					



GX™-1200

Crankset Frame Clearance

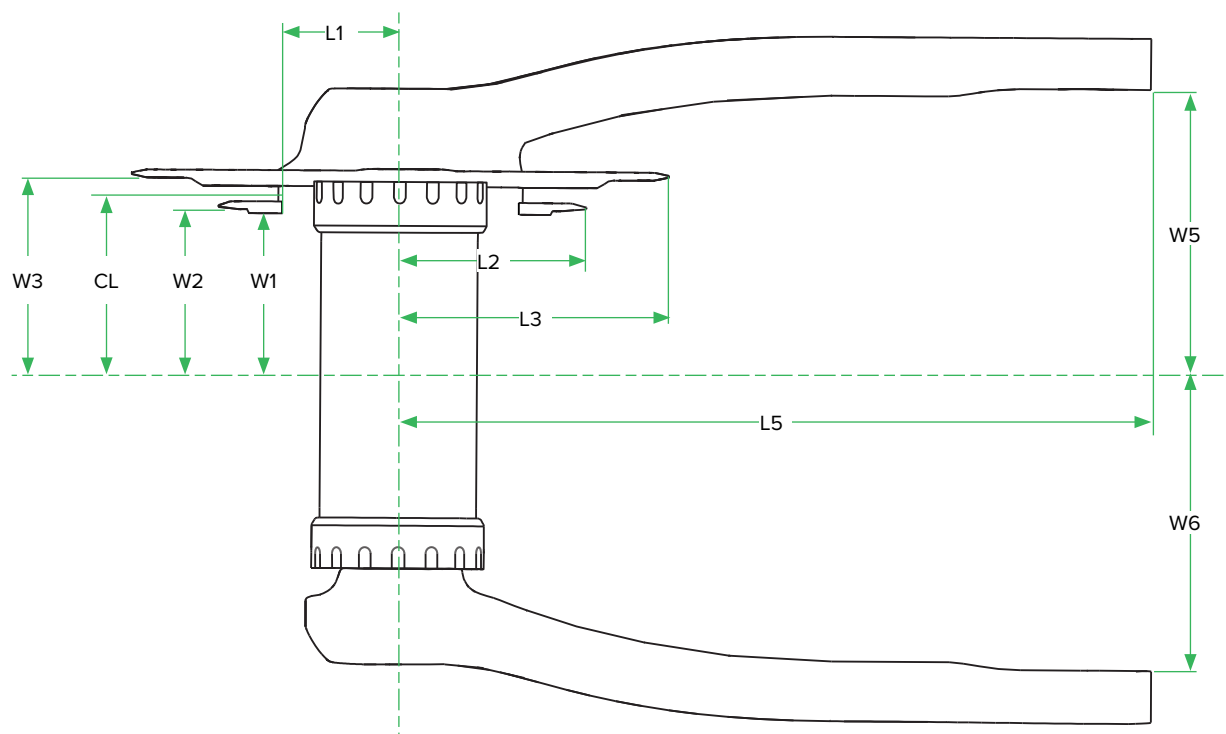
	Chainring	L1	L2	L3	L4	L5	W1	W2	W3	W4	W5	W6	CL
2x11	36/24	24.5	50.7	74.4	78	192	43	44	52	57.8	72	72	49
	Q-factor : 171					Bottom Bracket Type(s): GXP® : BB30™ : PF30™ : PFGXP™							



GX™-1200 - BOOST™ 148 Compatible

Crankset Frame Clearance

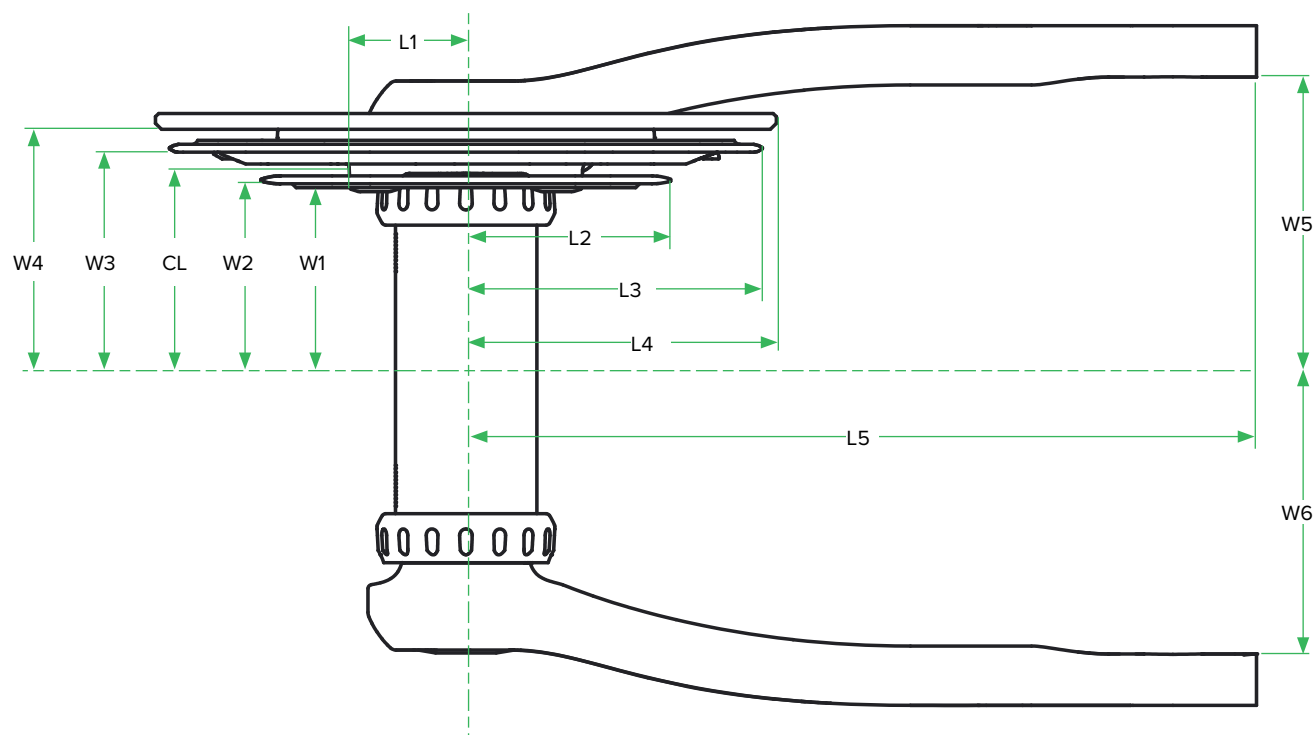
	Chainring	L1	L2	L3	L4	L5	W1	W2	W3	W5	W6	CL
2x11	36/24	24.5	50.7	74.4	78	192	46	47	55	72	72	52
	Q-factor : 169					Bottom Bracket Type(s): GXP® : BB30™ : PF30™ : PFGXP™						



GX™-1000

Crankset Frame Clearance

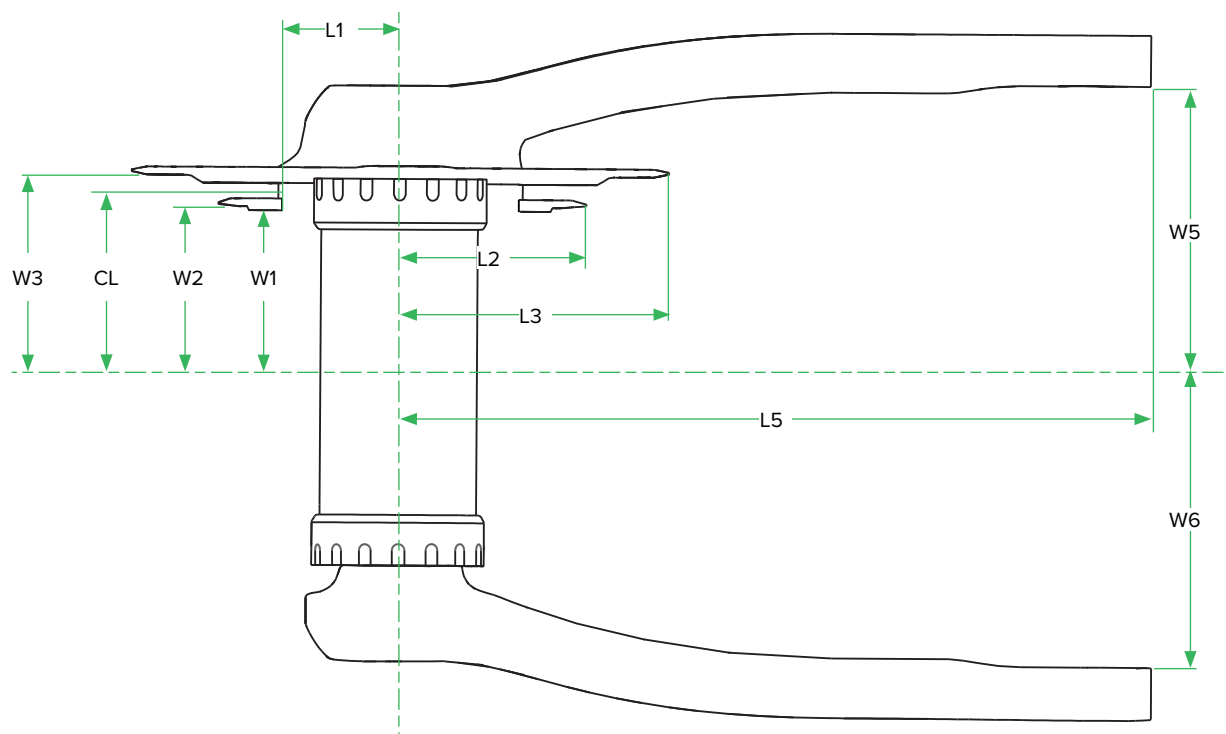
	Chainring	L1	L2	L3	L4	L5	W1	W2	W3	W4	W5	W6	CL
2x11	36/24	24.5	50.7	74.4	78	192	43	44	52	57.8	72	72	49
	Q-factor : 171					Bottom Bracket Type(s): GXP® : BB30™ : PF30™ : PFGXP™							



GX™-1000 - BOOST™ 148 Compatible

Crankset Frame Clearance

	Chainring	L1	L2	L3	L4	L5	W1	W2	W3	W5	W6	CL
2x11	36/24	24.5	50.7	74.4	78	192	46	47	55	72	72	52
	Q-factor : 169					Bottom Bracket Type(s): GXP® : BB30™ : PF30™ : PFGXP™						

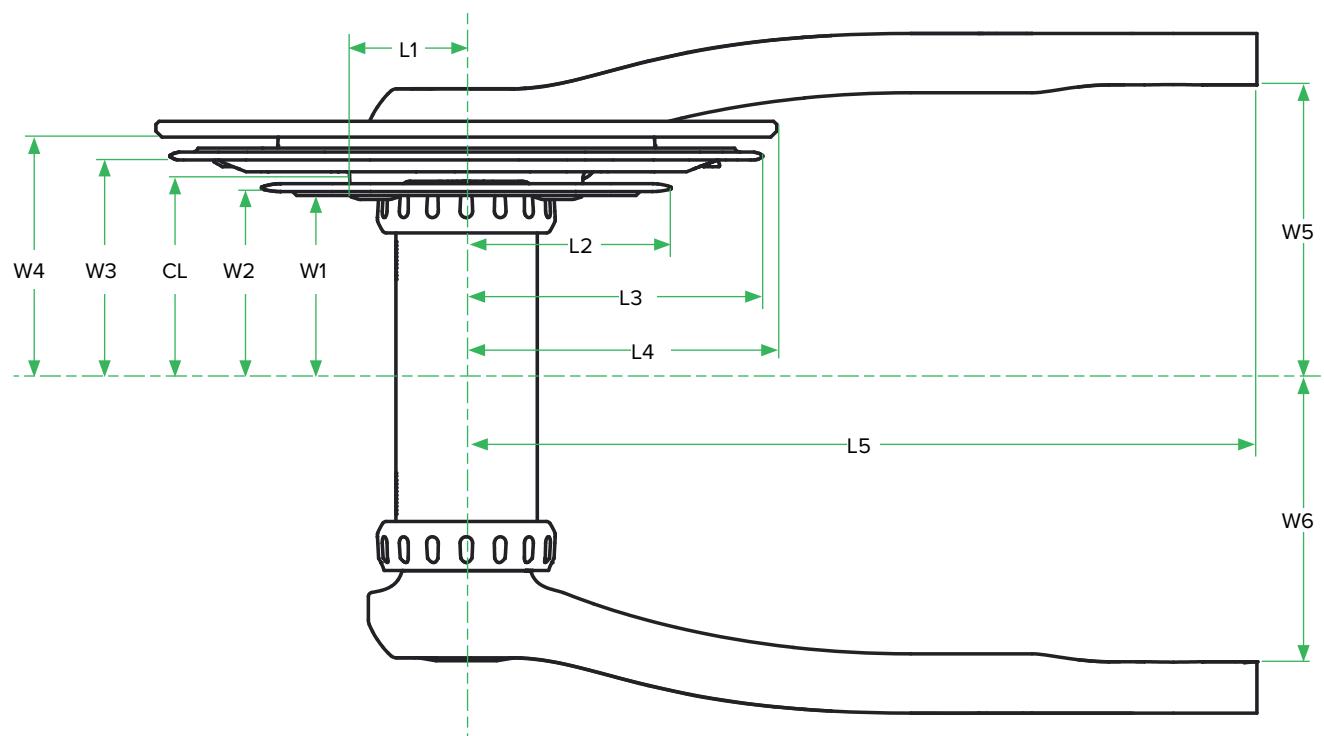


2x10 Cranksets

GX™-1200

Crankset Frame Clearance

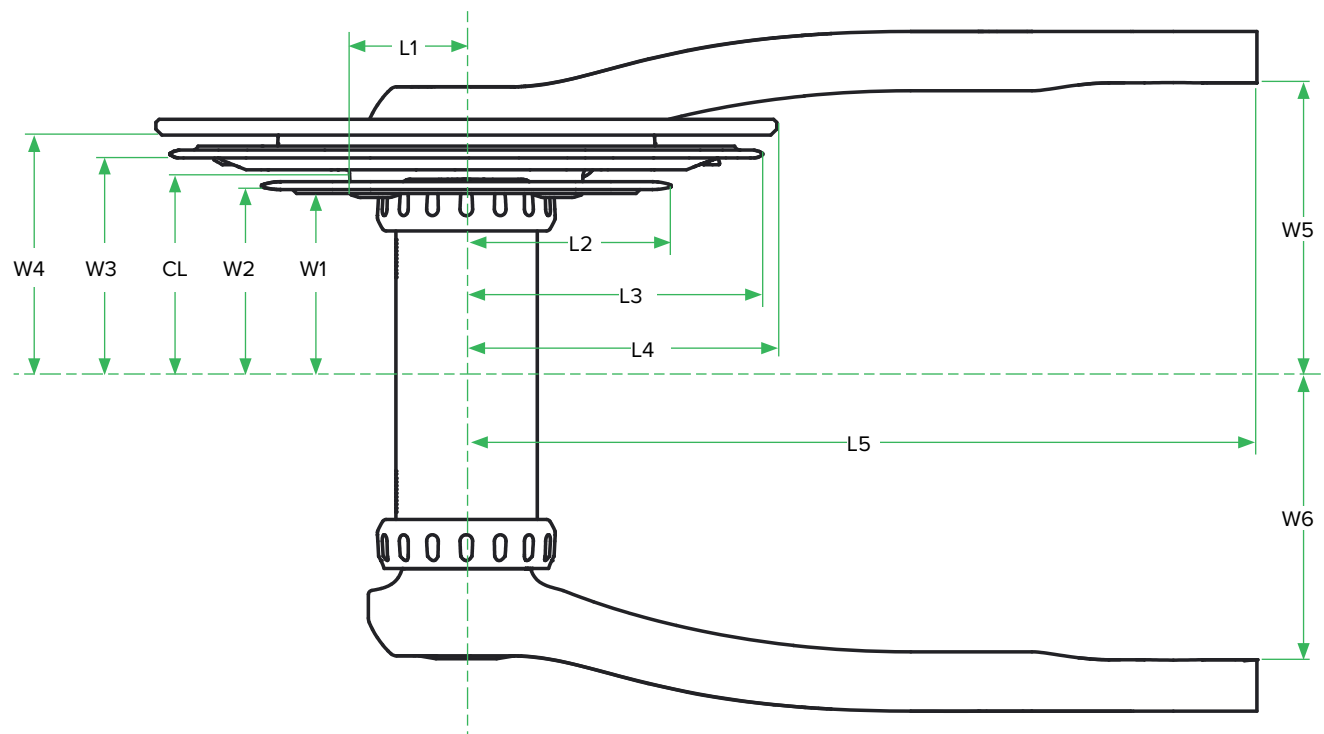
	Chainring	L1	L2	L3	L4	L5	W1	W2	W3	W4	W5	W6	CL
2x10	34/22	25	47.8	70.6	73	192	43	44	52	57.8	72	70.5	49
	36/22	25	46.7	74.4	78								
	38/24	24.5	50.7	78	82.5								
	39/26	31	55	81	-	192	43.5	44.5	52.5	-	72	70.5	49.5
	42/28	31	60	87	-								
Q-factor : 167.5							Bottom Bracket Type(s): GXP® : BB30™ : PF30™ : PFGXP™						



GX™-1000/X5™

Crankset Frame Clearance

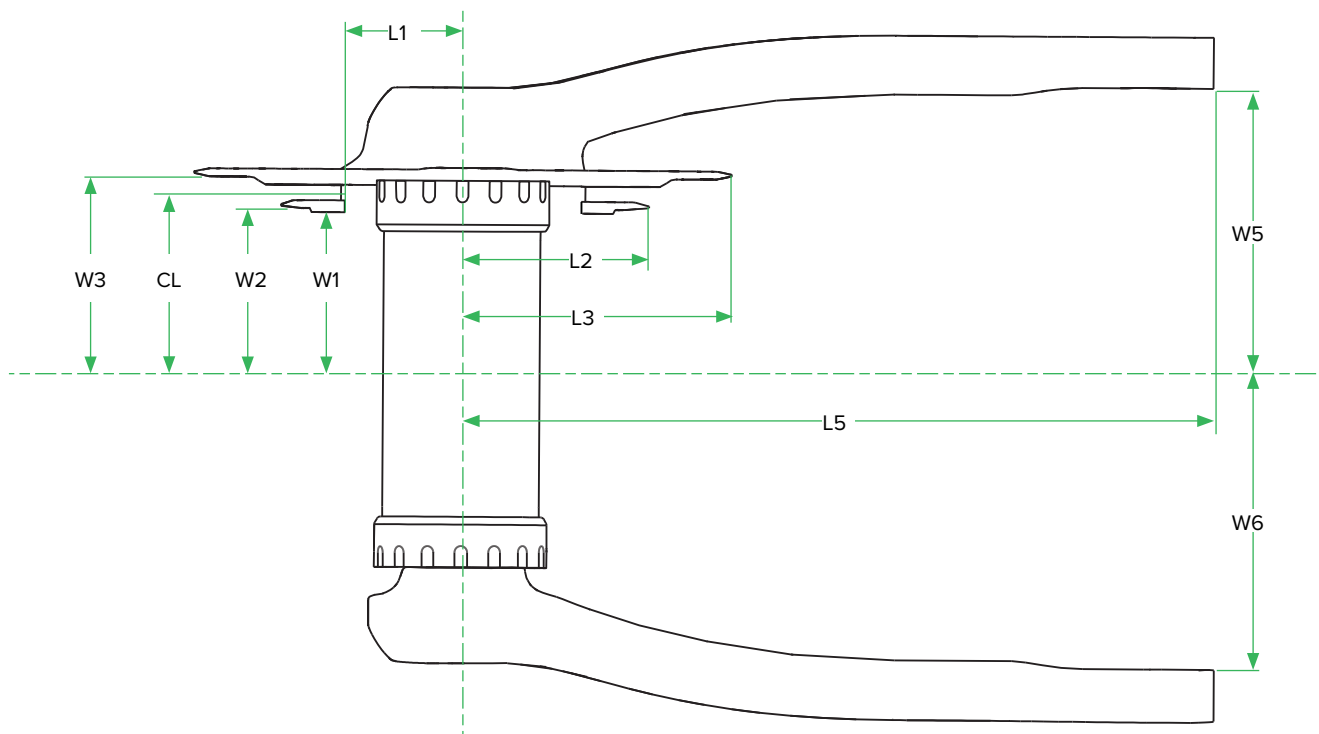
	Chainring	L1	L2	L3	L4	L5	W1	W2	W3	W4	W5	W6	CL
2x10	34/22	25	47.8	70.6	73	192	43	44	52	57.8	72	72	49
	36/22	25	46.7	74.4	78								
	38/24	24.5	50.7	78	82.5								
	39/26	31	55	81	-	192	43.5	44.5	52.5	-	72	72	49.5
	42/28	31	60	87	-								
Q-factor : 169							Bottom Bracket Type(s): GXP® : BB30™ : PF30™ : PFGXP™						



GX™-1000 - BOOST™ 148 Compatible

Crankset Frame Clearance

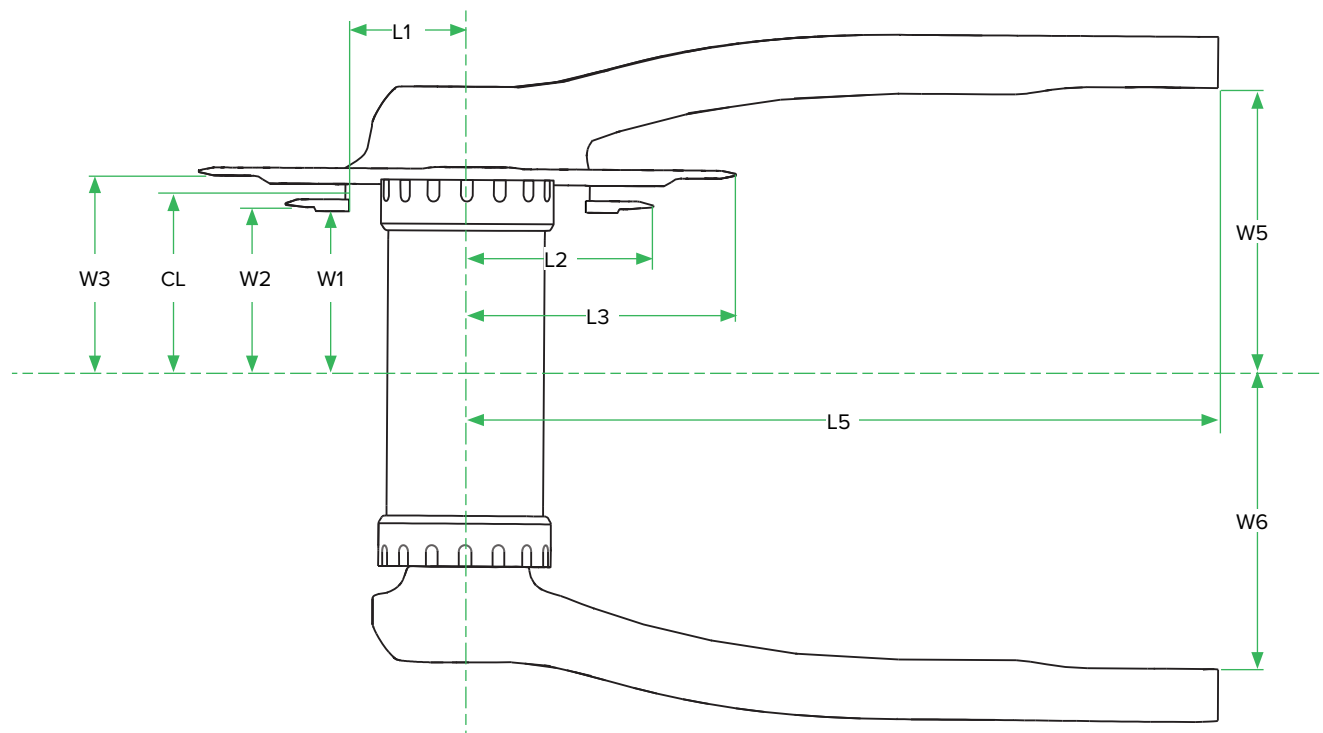
	Chainring	L1	L2	L3	L5	W1	W2	W3	W5	W6	CL
2x10	34/22	25	47.8	70.6	192	46	47	55	72	72	52
	36/22	25	46.7	74.4							
	38/24	24.5	50.7	78							
Q-factor : 169						Bottom Bracket Type(s): GXP [®] : BB30 [™] : PF30 [™] : PFGXP [™]					



GX™-1000/X5™ - Fatbike

Crankset Frame Clearance

	Chainring	L1	L2	L3	L5	W1	W2	W3	W5	W6	CL
2x10	34/22	25	47.8	70.6	192	60.5	61.5	69.5	89.5	88	66.5
	36/22	25	46.7	74.4							
	Q-factor : 202.5					Bottom Bracket Type(s): GXP® 100 : PressFit™ 121					

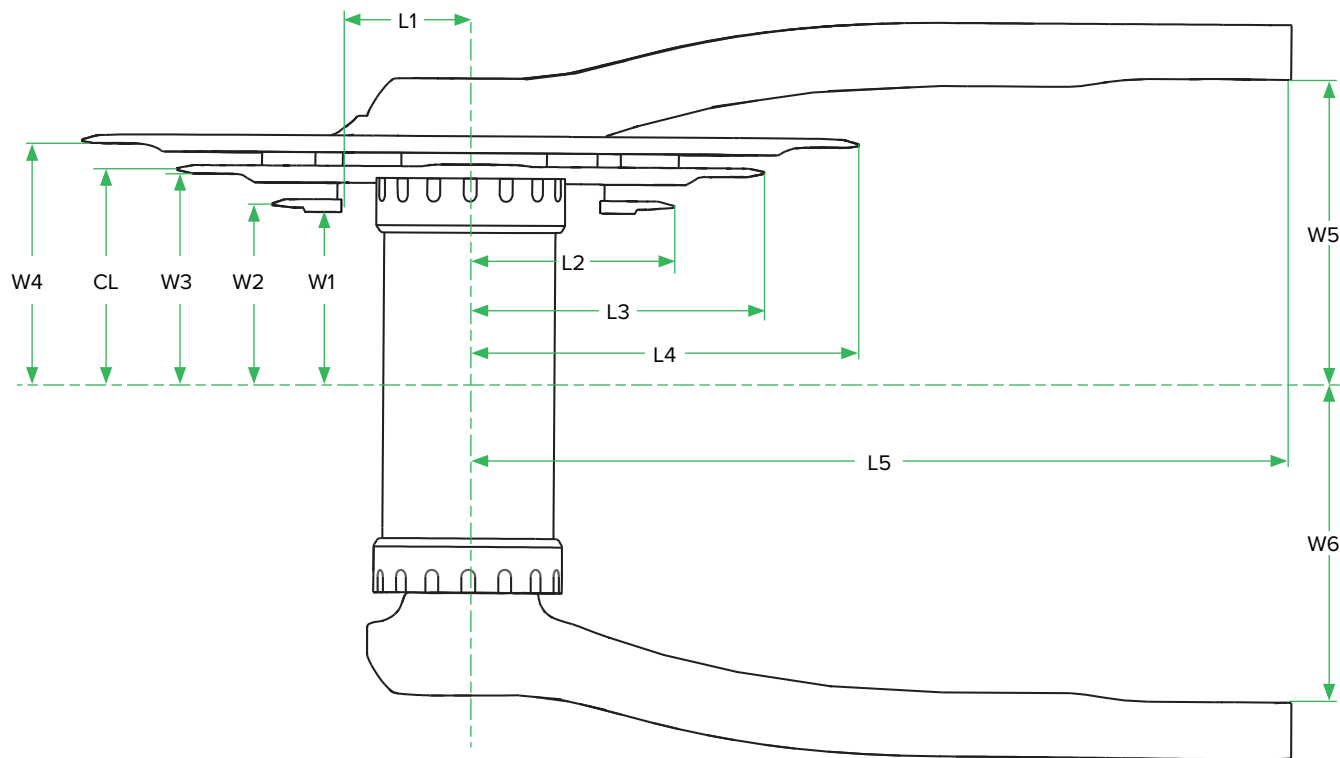


3x10 Cranksets

X5™

Crankset Frame Clearance

	Chainring	L1	L2	L3	L4	L5	W1	W2	W3	W4	W5	W6	CL
2x10	44/34/22	25	47	69	91	191 (175 mm crank arm)	41	42	50	57	72	72	51
	Q-factor : 169						Bottom Bracket Type(s): GXP® : BB30™ : PF30™ : PFGXP™						

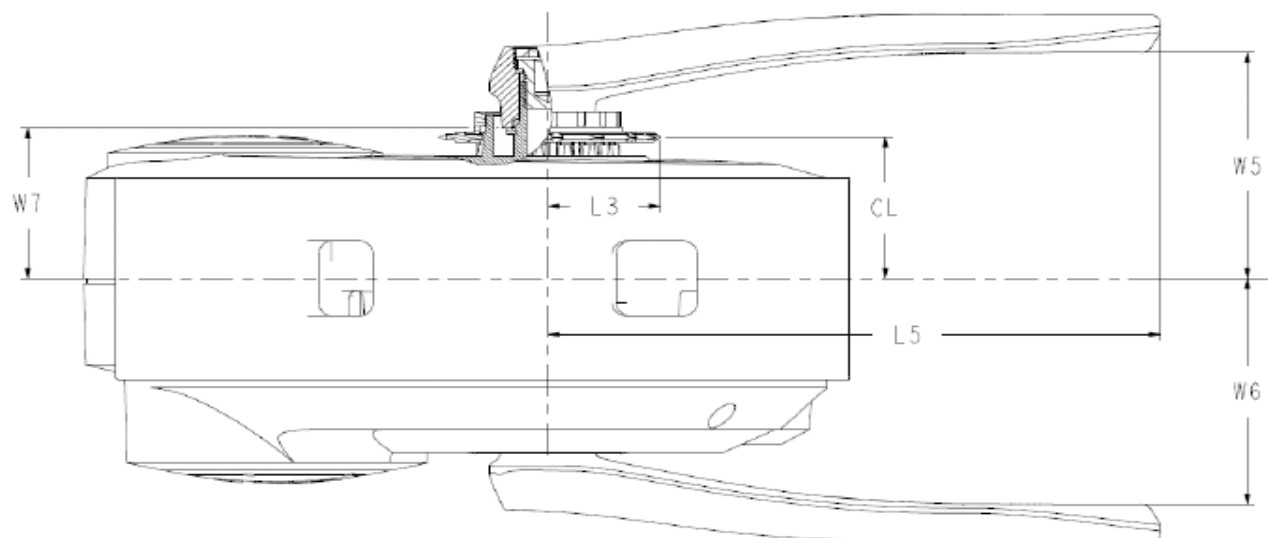


E-MTB Cranksets

S800E/X1™-1000E/EX1 - BOSCH™ - Compatible

Crankset Frame Clearance

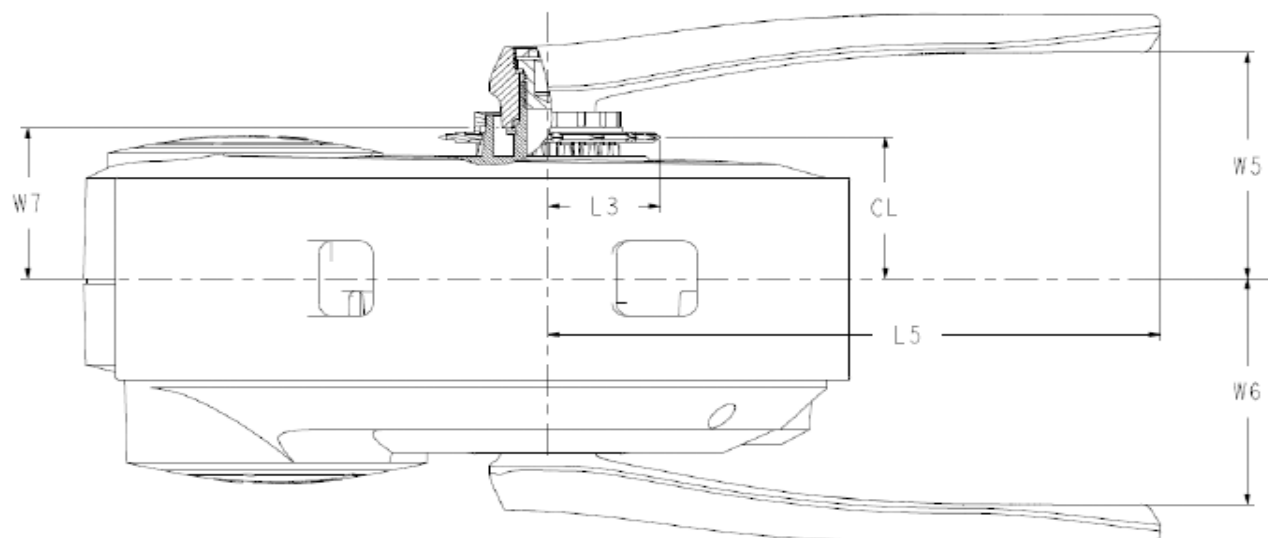
	Chainring	L3	L5	W5	W6	W7 (ww)	CL
BOSCH	14	31.07	191.36	78.35*	78.35*	52.2	47.5
	16	35.08					
	18	39.1					
	Based on crankarm length 175 mm						
	Q-factor: 182				Bottom Bracket Type: ISIS integrated in BOSCH mid-ship motor		
	*Dimensions will vary for cranks equipped with crank boots. Consult the section titled "Crank Boot."						



S800E/X1™-1000E/EX1 - BOSCH™ & BOOST™ - Compatible

Crankset Frame Clearance

	Chainring	L3	L5	W5	W6	W7 (ww)	CL
BOSCH on BOOST	14	31.07	191.36	78.35*	78.35*	52.2	49.5
	16	35.08					
	18	39.1					
	Based on crankarm length 175 mm						
	Q-factor: 182				Bottom Bracket Type: ISIS integrated in BOSCH mid-ship motor		
	*Dimensions will vary for cranks equipped with crank boots. Consult the section titled "Crank Boot."						



Bottom Brackets

Bottom Bracket Shell Specifications

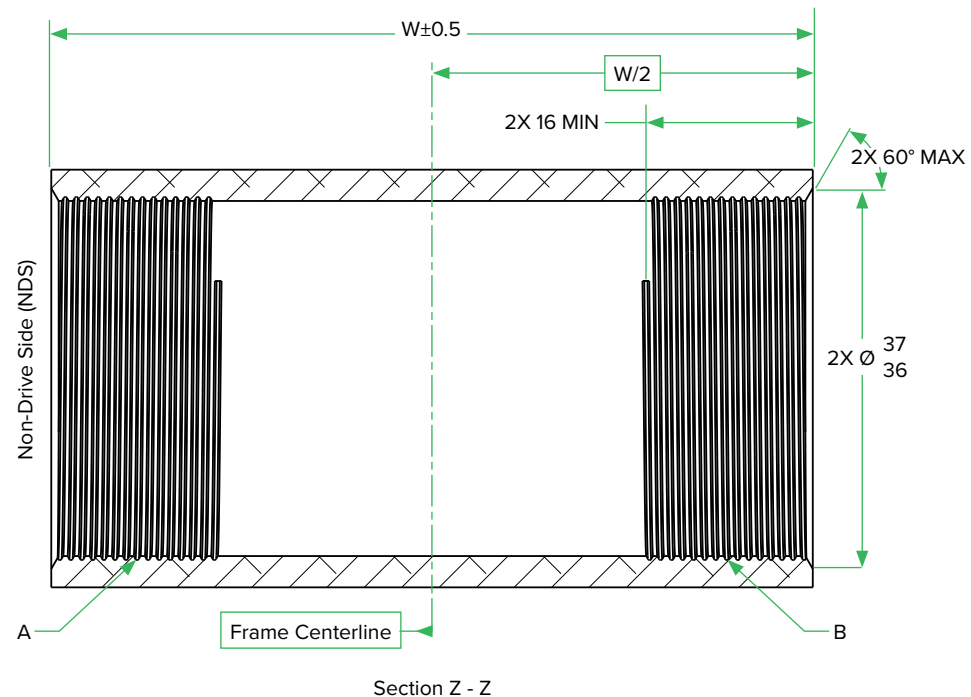
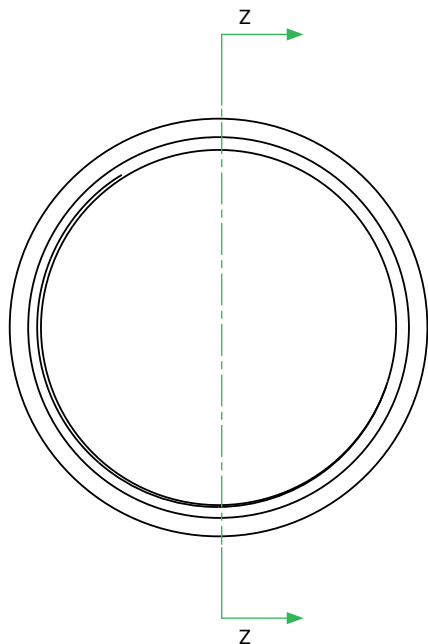
BSA 68/73/83/100

Bottom Bracket Shell Specifications

	W**	A*	B*
BSA 68	68	BC 1.37" x 24 TPI R.H.	BC 1.37" x 24 TPI L.H.
BSA 73	73		
BSA 83	83		
BSA 100	100		

*Reference JIS B 0225

**2.5 mm spacers may be used between the frame-shell and the adapter cups to adjust BB spacing.



PressFit™

Information

SRAM® PressFit™ bottom brackets have been designed and tested to work within the bounds of the dimensions and tolerances in the shell specifications and bottom bracket specifications. Materials, manufacturing methods, and frame shell designs can potentially influence the performance of the bottom bracket, even when the shell is manufactured to these specifications. In these instances, it is recommended that bicycle manufacturers confirm the bottom bracket system performance with individual frame configurations.

Things that should be considered when evaluating the frame and bottom bracket interaction include, but are not limited to:

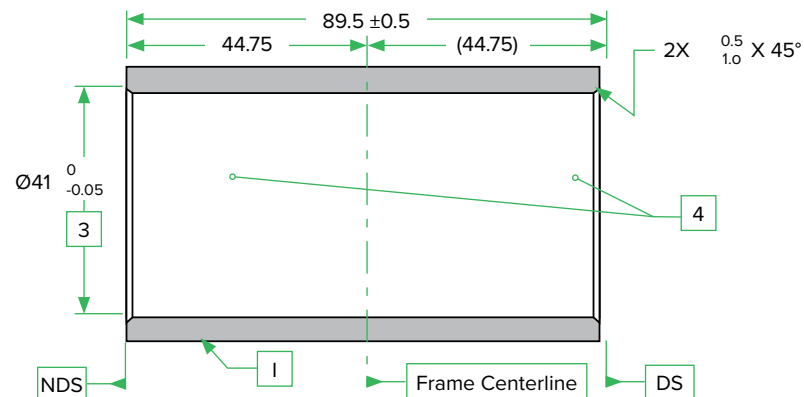
- Loosening of the adapter cups from the bottom bracket shell (frame material choice can greatly affect friction coefficient).
- Binding of bearings within the bottom bracket.

For more information regarding PressFit bottom bracket technical information, contact your SRAM representative.

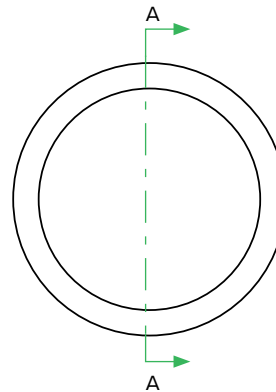
PressFit™ MTB 89.5/92

Bottom Bracket Shell Specifications

MTB Symmetric 89.5 Shell

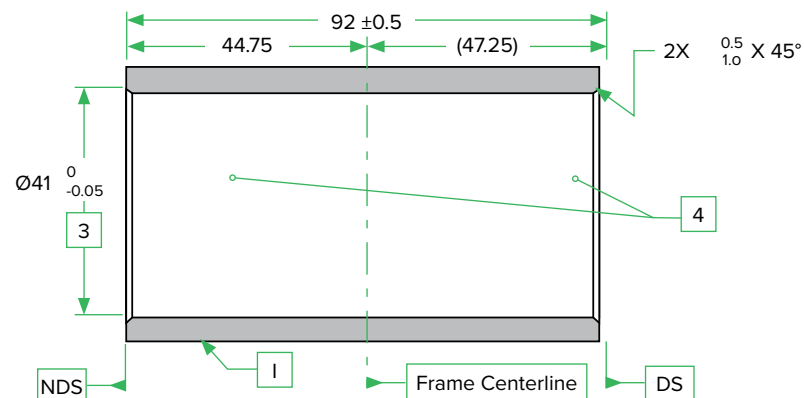


Section A-A



- 1 PressFit integrated adapter is only compatible with the bottom bracket shell specifications shown.
- 2 Only dimensions essential to bottom bracket PressFit and function are shown. All other details are left to the discretion of the frame or component designer. Dimensions shown do not take the place of proper frame, bottom bracket shell, or crankset design.
- 3 Tolerance applies to depth of 12 mm inboard from the outer face of each side.
- 4 Press fit surfaces should be unpainted.

MTB Asymmetric 92 Shell

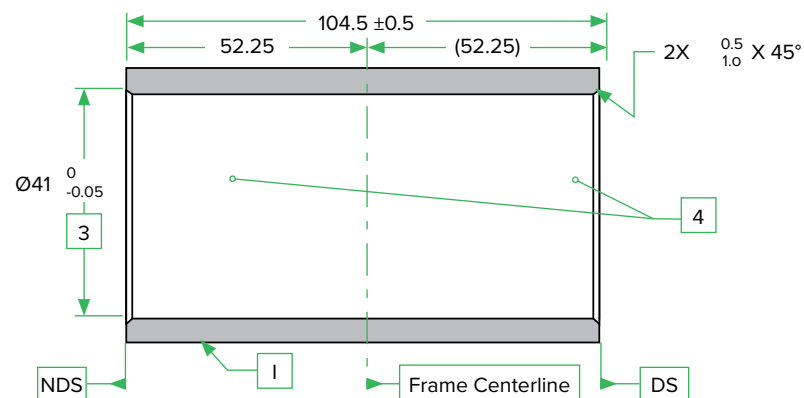


Section A-A

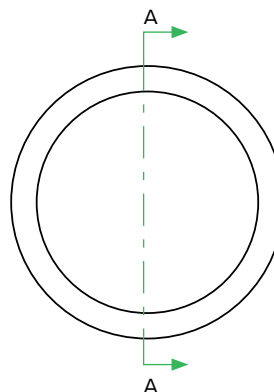
PressFit™ MTB 104.5/107/121

Bottom Bracket Shell Specifications

MTB Symmetric 104.5 DH Shell

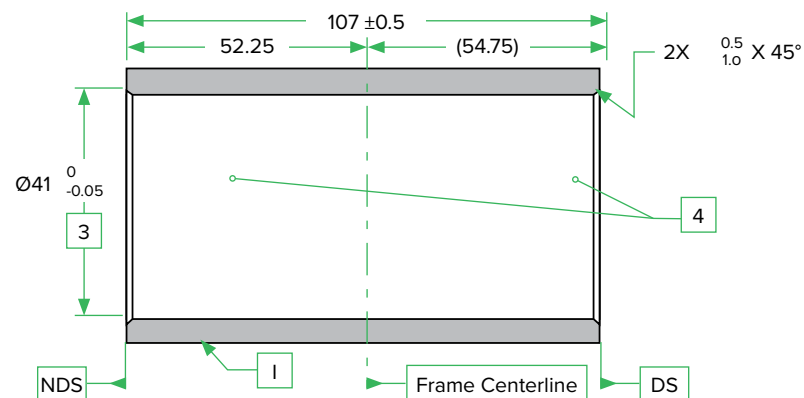


Section A-A



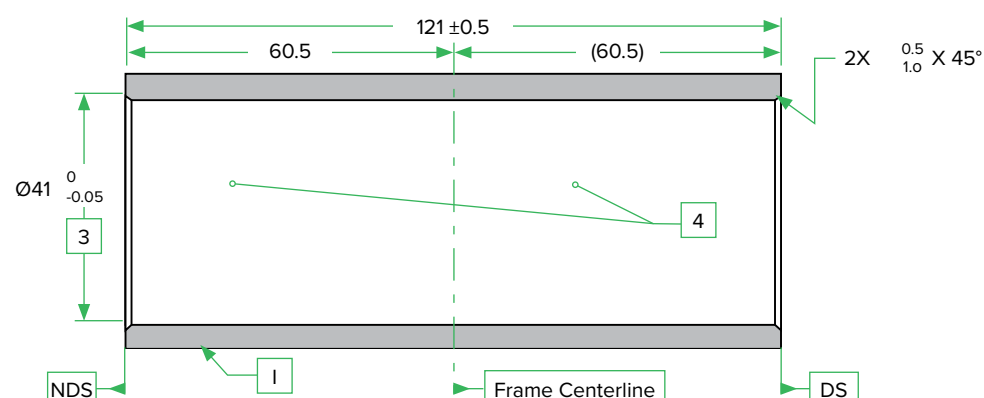
- 1 PressFit integrated adapter is only compatible with the bottom bracket shell specifications shown.
- 2 Only dimensions essential to bottom bracket PressFit and function are shown. All other details are left to the discretion of the frame or component designer. Dimensions shown do not take the place of proper frame, bottom bracket shell, or crankset design.
- 3 Tolerance applies to depth of 12 mm inboard from the outer face of each side.
- 4 Press fit surfaces should be unpainted.

MTB Asymmetric 107 DH Shell



Section A-A

MTB Symmetric 121 Fatbike Shell



Section A-A

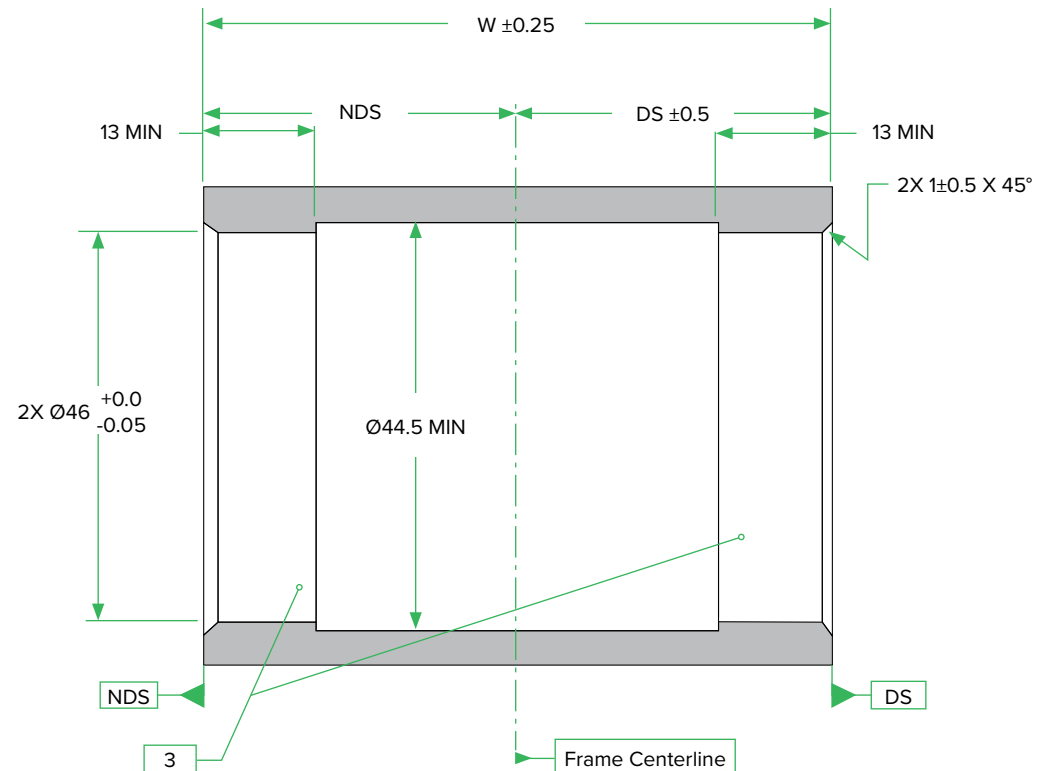
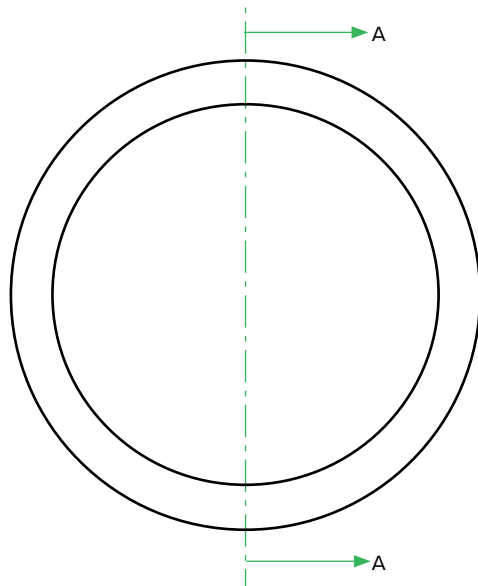
BB30™

Information

Information for the BB30 drawing and legal agreement can be found on www.BB30standard.com. Use of the information contained in the drawing is forbidden without reviewing and agreeing to the legal terms and conditions found on www.BB30standard.com. By using the information contained in the drawing you are certifying that you have agreed to the terms and conditions found within that legal agreement.

PressFit 30™

Bottom Bracket Shell Specification



Section A-A

- 1 Dimensions apply after finishing.
- 2 Only dimensions essential to bottom bracket fit and function are shown. All other details are left to the discretion of the frame or component designer. Dimensions shown do not take the place of proper frame, bottom bracket shell, or crankset design.

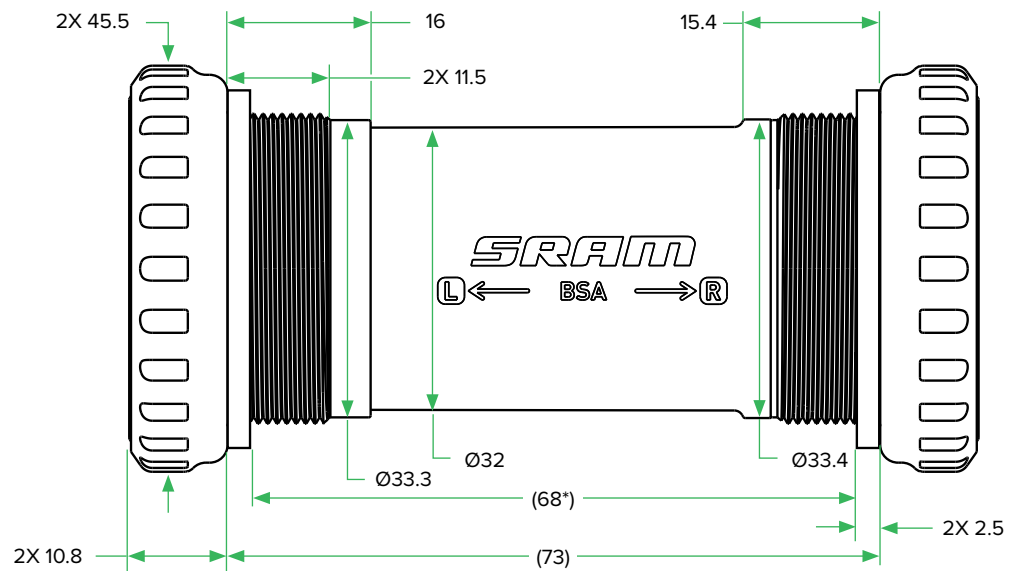
3 Press fit surfaces should be unpainted.

	Dim W	Dim DS	Dim NDS
DUB			
PF30 73	73	36.5	
PF30 83	83	41.5	

DUB™ Bottom Brackets

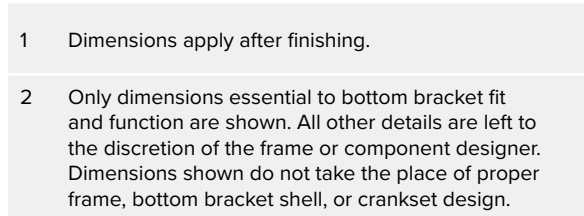
DUB™ BSA 68/73

Bottom Bracket Specification



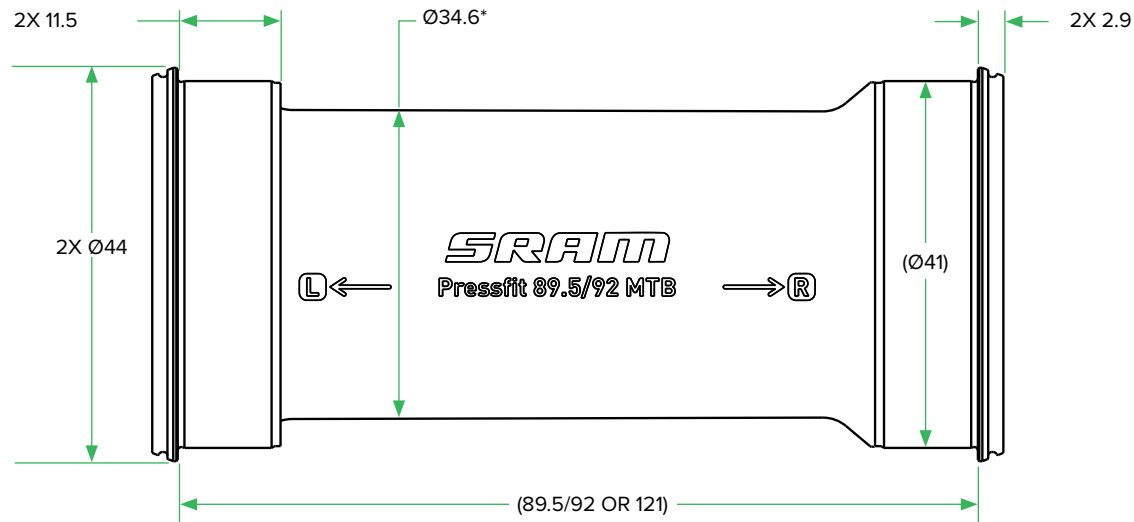
- | | |
|---|--|
| 1 | Dimensions apply after finishing. |
| 2 | Only dimensions essential to bottom bracket fit and function are shown. All other details are left to the discretion of the frame or component designer. Dimensions shown do not take the place of proper frame, bottom bracket shell, or crankset design. |
| * | If a 68 mm configuration is used, 2 x 2.5 mm spacers must be installed. |

Bottom Bracket Specification



DUB™ PressFit™ MTB

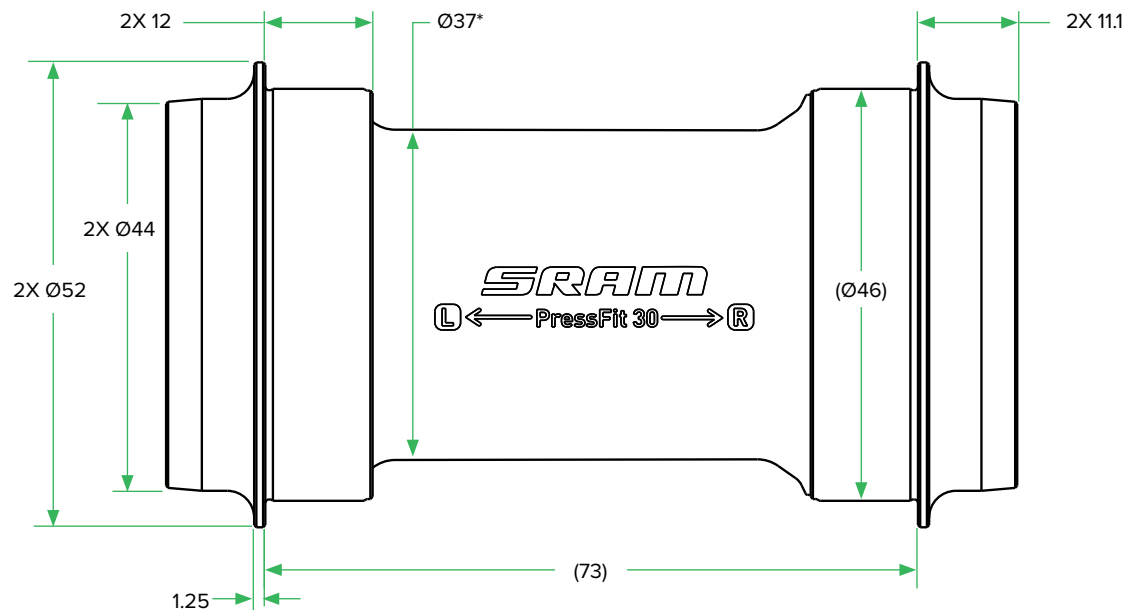
Bottom Bracket Specification



- 1 Dimensions apply after finishing.
- 2* Only dimensions essential to bottom bracket fit and function are shown. All other details are left to the discretion of the frame or component designer. Dimensions shown do not take the place of proper frame, bottom bracket shell, or crankset design.
Consider cable and hose clearances through the bottom bracket area of the frame.
- 3 Ensure that the bottom bracket cups are completely pressed into the frame shell. There should be no gap between the flange and the bottom bracket shell.

DUB™ PressFit 30™

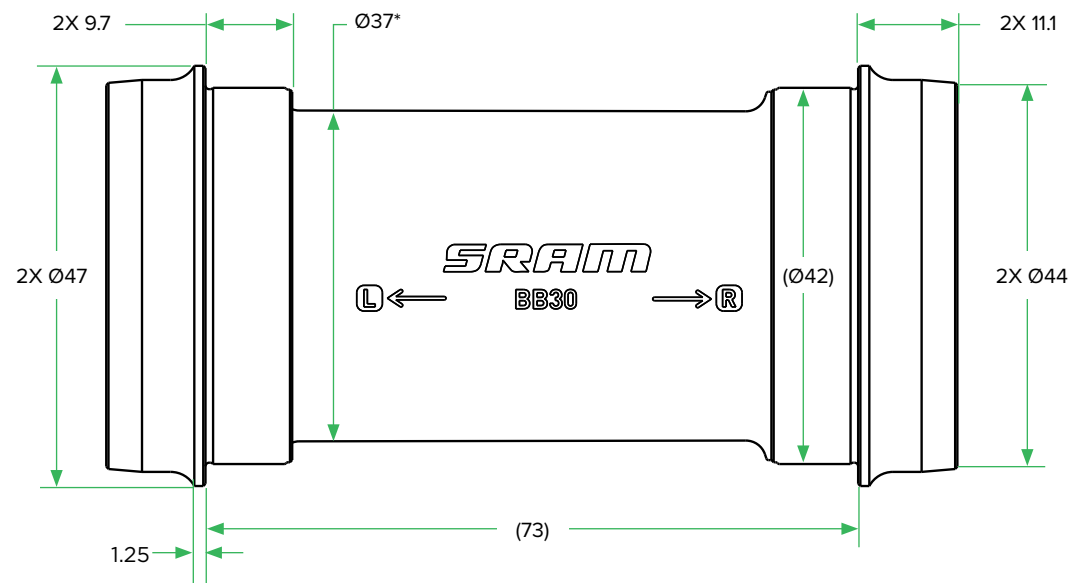
Bottom Bracket Specification



- 1 Dimensions apply after finishing.
- 2* Only dimensions essential to bottom bracket fit and function are shown. All other details are left to the discretion of the frame or component designer. Dimensions shown do not take the place of proper frame, bottom bracket shell, or crankset design.
Consider cable and hose clearances through the bottom bracket area of the frame.
- 3 Ensure that the bottom bracket cups are completely pressed into the frame shell. There should be no gap between the flange and the bottom bracket shell.

DUB™ BB30™

Bottom Bracket Specification



- 1 Dimensions apply after finishing.
- 2* Only dimensions essential to bottom bracket fit and function are shown. All other details are left to the discretion of the frame or component designer. Dimensions shown do not take the place of proper frame, bottom bracket shell, or crankset design.
Consider cable and hose clearances through the bottom bracket area of the frame.
- 3 Ensure that the bottom bracket cups are completely pressed into the frame shell. There should be no gap between the flange and the bottom bracket shell.

PressFit GXP/PressFit 30 Bottom Brackets

Bottom Bracket Specification

PressFit GXP MTB BB-Key Dimensions

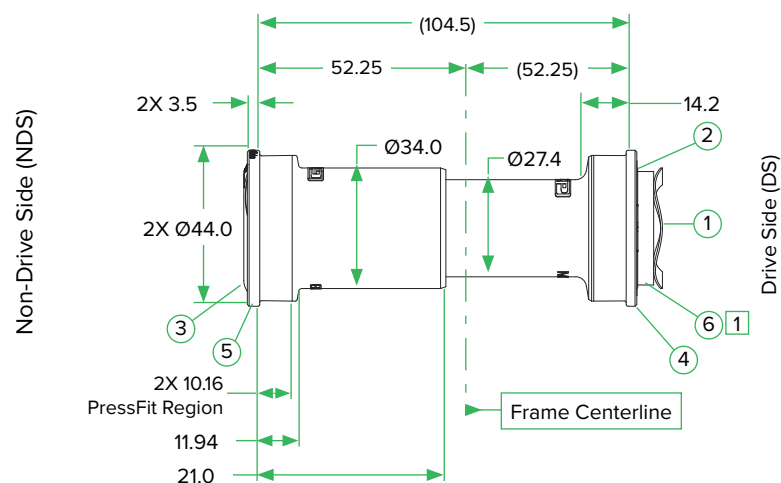


-
- Technical drawing of the MTB Asymmetric 92 Bottom Bracket, showing dimensions and callouts. The drawing is oriented with the Non-Drive Side (NDS) on the left and the Drive Side (DS) on the right.
- Dimensions:**
- Overall length: 92
 - Distance from NDS face to centerline: 44.75
 - Distance from centerline to DS face: 47.25
 - Distance from NDS face to NDS bearing centerline: 2X 3.5
 - Distance from NDS bearing centerline to NDS shell centerline: 2X Ø44.0
 - Distance from NDS shell centerline to NDS bearing centerline: 2X 10.16 (PressFit Region)
 - Distance from NDS bearing centerline to NDS shell centerline: 11.94
 - Distance from NDS shell centerline to NDS bearing centerline: 21.0
 - Distance from DS face to DS bearing centerline: 14.2
- Callouts:**
- 1: DS bearing
 - 2: DS bearing cap
 - 3: NDS bearing
 - 4: NDS bearing cap
 - 5: NDS bearing cap
 - Frame Centerline

PressFit™ GXP® 104.5 DH/107 DH

Bottom Bracket Specification

MTB Symmetric 104.5 DH Bottom Bracket

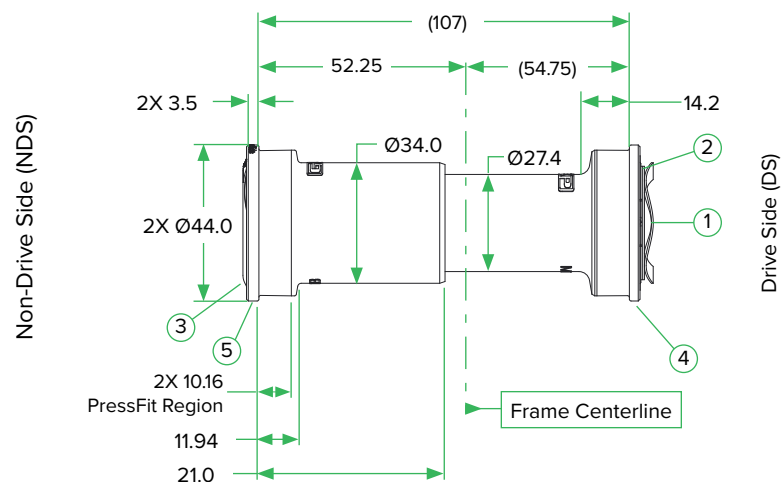


PressFit GXP MTB BB-Key Dimensions

ITEM NO.	DESCRIPTION
1	WAVE WASHER
2	DS SHIELD
3	NDS SHIELD
4	DS CUP
5	NDS CUP
6	DS SHIM WASHER 2.5 MM

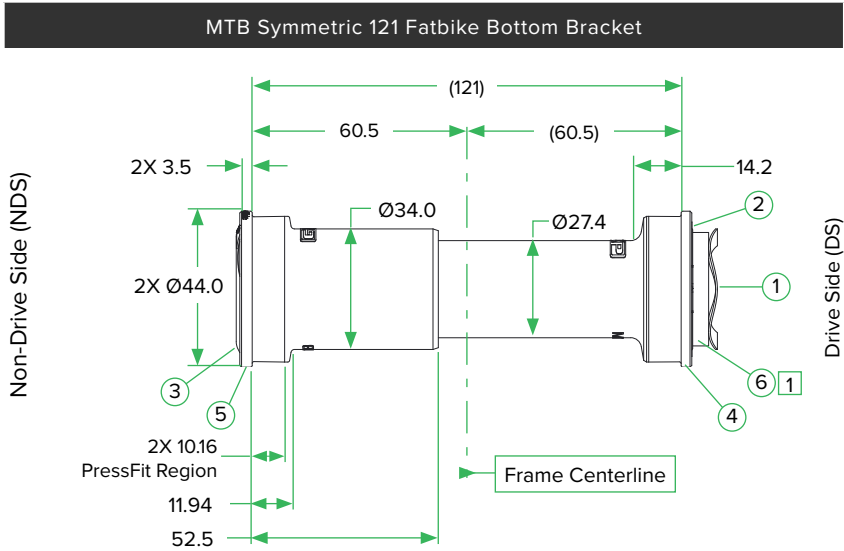
1 DS shim washer to be used only on MTB symmetric shell.

MTB Asymmetric 107 DH Bottom Bracket



PressFit™ GXP® 121 Fatbike

Bottom Bracket Specification

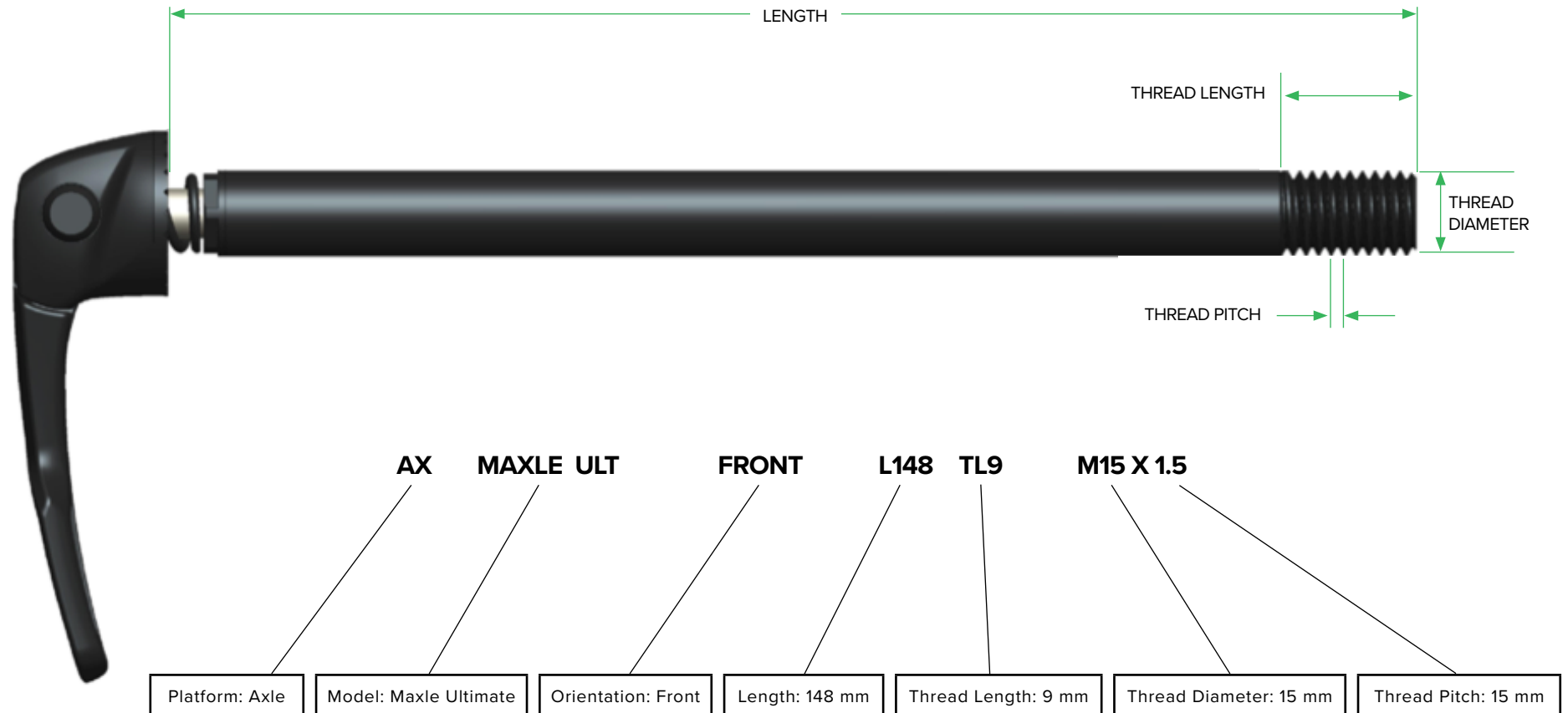


PressFit GXP MTB BB-Key Dimensions	
ITEM NO.	DESCRIPTION
1	WAVE WASHER
2	DS SHIELD
3	NDS SHIELD
4	DS CUP
5	NDS CUP
6	DS SHIM WASHER 4.5 MM

1 DS shim washer to be used only on MTB symmetric shell.

Wheels & Hubs

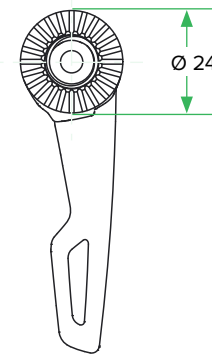
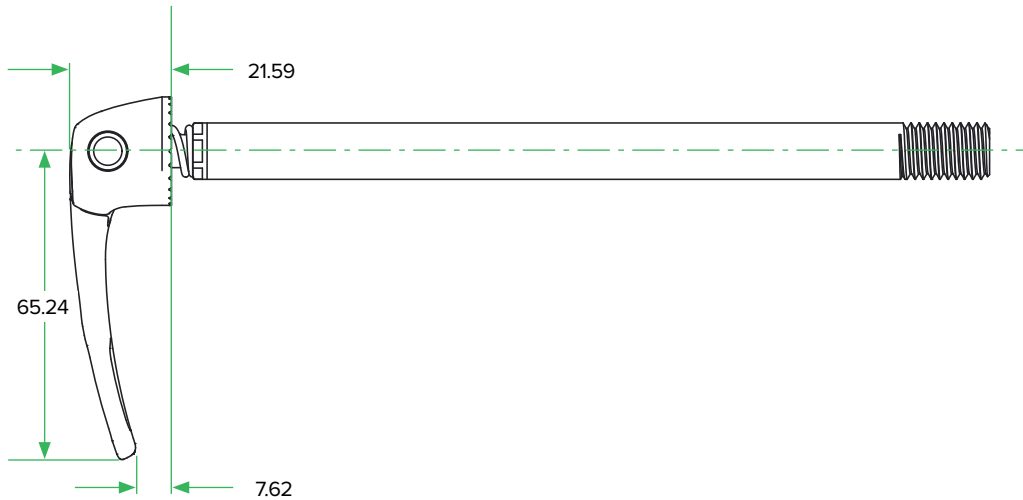
Maxle™ Description Decoder



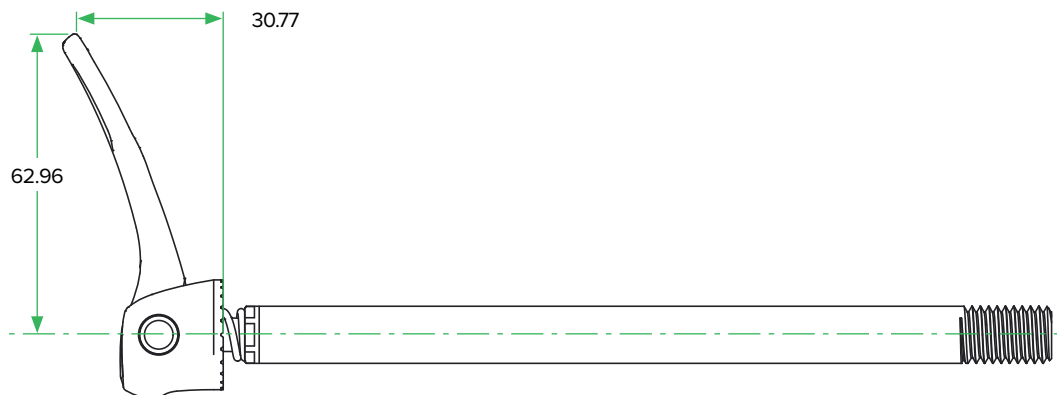
Maxle Ultimate™

Frame / Fork Clearance

Lever in Closed Position



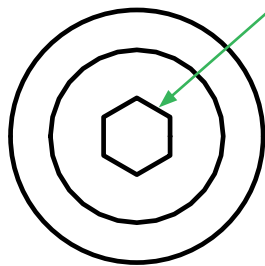
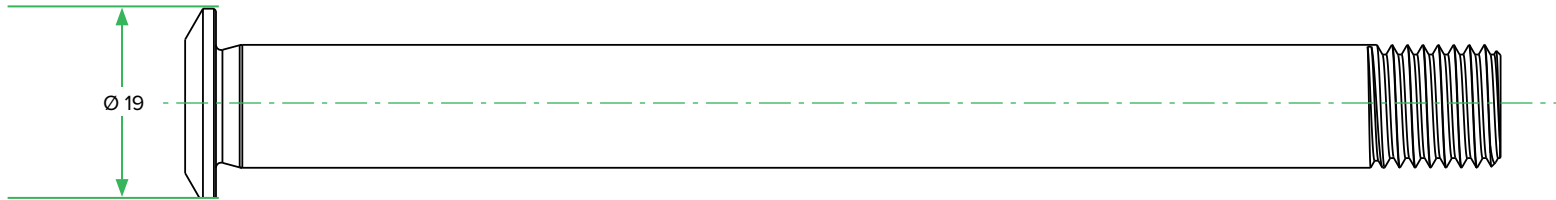
Lever in Open Position



NOTES:

- 1 Drawing is not to scale.
- 2 Customer is responsible for ensuring hub, frame, and axle compatibility.
- 3 The frame manufacturer is responsible for ensuring the frame and/or fork assemblies using Maxles are compliant with existing safety standards.
- 4 Head translates along the Maxle axis approximately 1.46 mm when lever is moved from open to closed.

Maxle Stealth™



SEE TABLE

DESCRIPTION	HEX SIZE	TORQUE VALUE
Maxle 12	5	9-13.5 N•m
Maxle 15	6	9-13.5 N•m

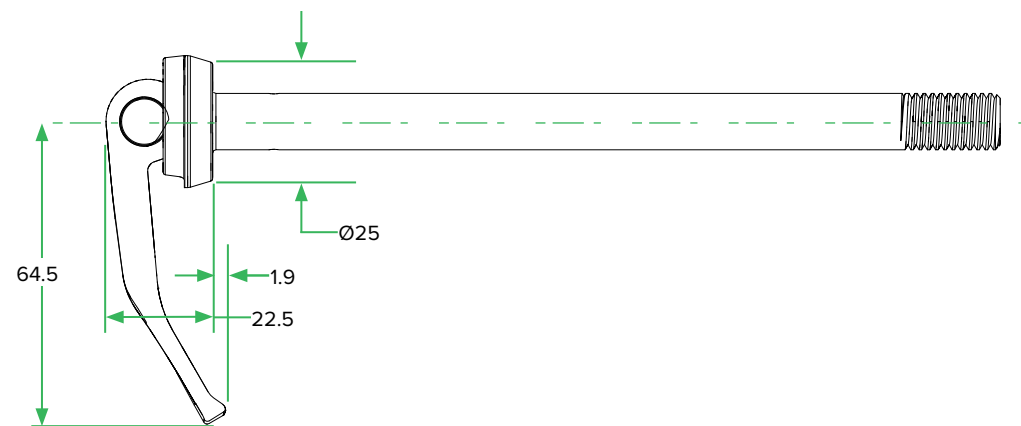
NOTES:

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- 3 The frame manufacturer is responsible for ensuring the frame and/or fork assemblies using Maxles are compliant with existing safety standards.

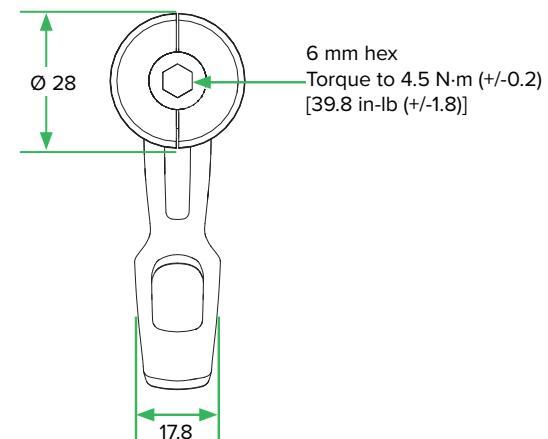
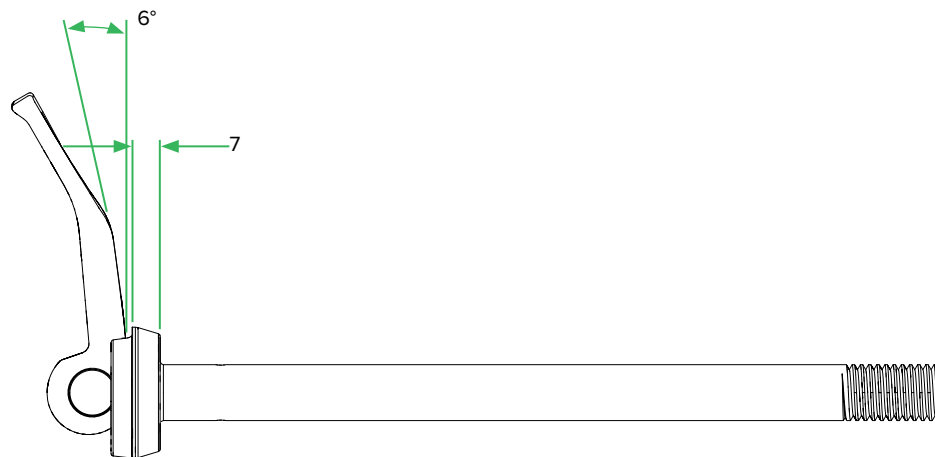
Maxle Lite™ & Maxle™

Frame / Fork Clearance

Lever in Closed Position



Lever in Open Position



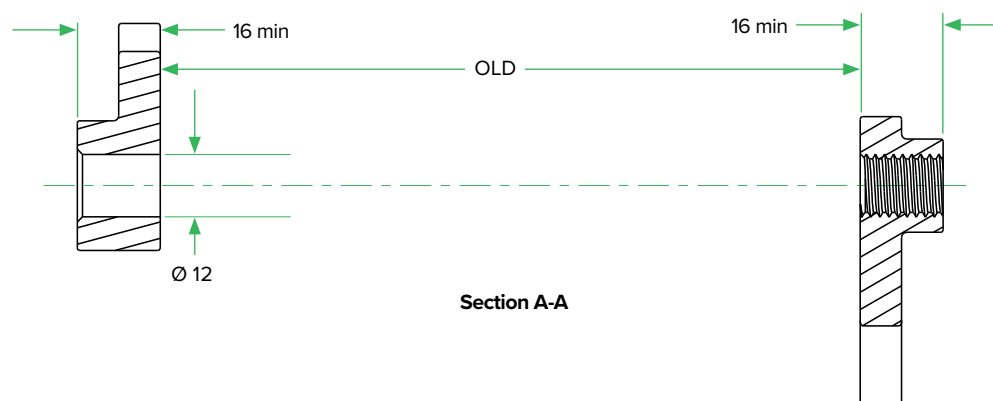
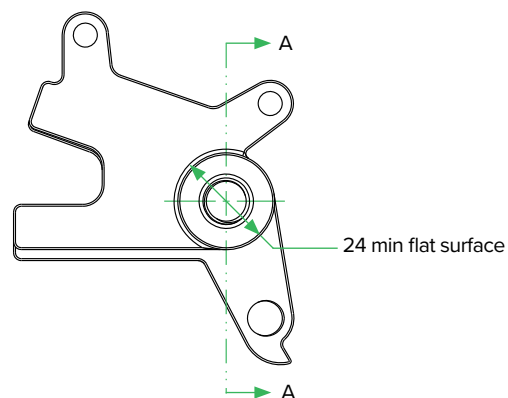
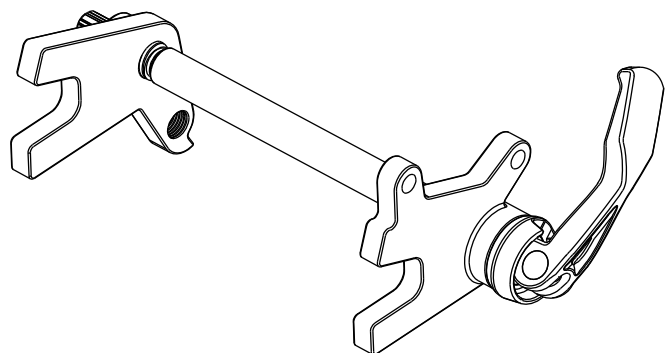
NOTES:

- 1 Drawing is not to scale.
- 2 Customer is responsible for ensuring hub, frame, and axle compatibility.
- 3 The frame manufacturer is responsible for ensuring the frame and/or fork assemblies using Maxles are compliant with existing safety standards.

Maxle™, Maxle Lite™, Maxle Ultimate™, Maxle Stealth™

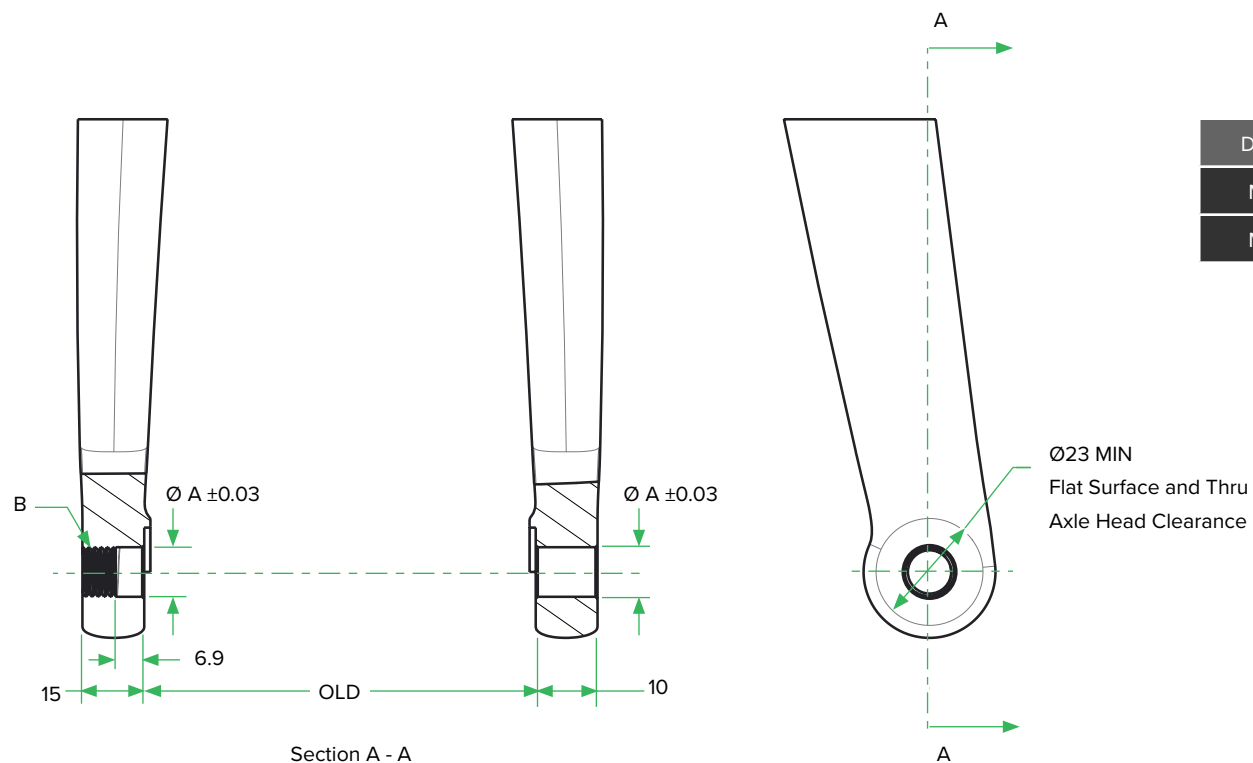
Rear Frame Specification

Frame dropouts with axle installed



Maxle™, Maxle Lite™, Maxle Ultimate™, Maxle Stealth™

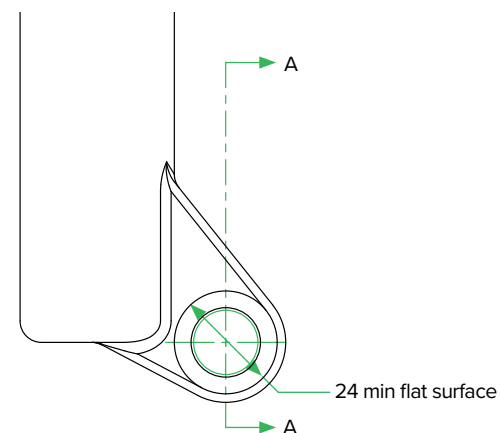
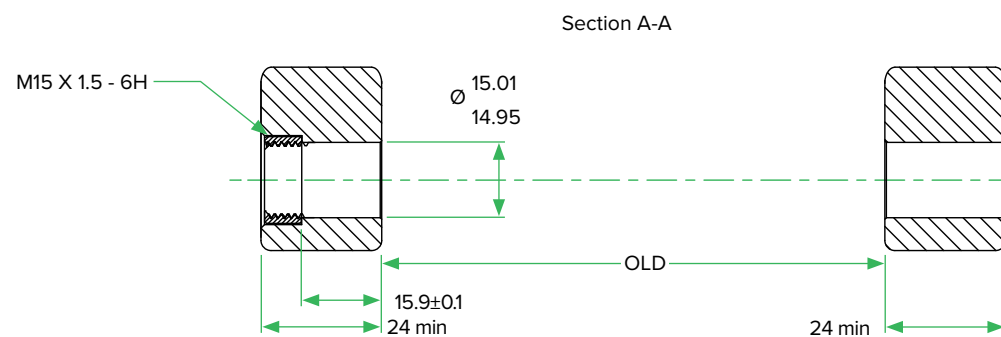
Fork Specification



Description	A	B
MAXLE 15	14.98	M15 X 1.5 - 6H
MAXLE 12	12.03	M12 X 1.5 - 6H

Maxle™, Maxle Lite™, Maxle Ultimate™, Maxle Stealth™

Fork Specification





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