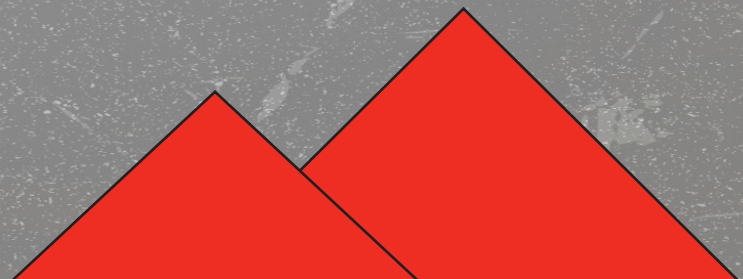




MTB Product Compatibility Guide





C o n t e n t

03

ROTOR Q-Rings

04

**ROTOR Q-Rings
SRAM®
RACE FACE®
SHIMANO®**

05

**MTB and Rotor Crankset
Compatibility chart**

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**Template R-Hawk R-Raptor
Standard Axle**

07

**Template R-Hawk R-Raptor
BOOST Axle**

08

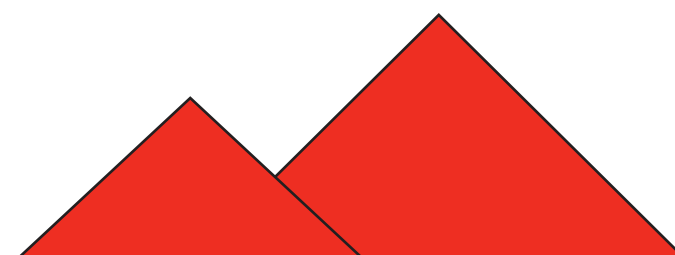
**Template R-Hawk R-Raptor
DH Axle**

09

**Template REX
Standard Axle**

10

Template Q-Rings





R-Hawk R-Raptor DIRECT MOUNT

R-HAWK R-RAPTOR

	Crank Type		
	R-Hawk & R-Raptor Standard	R-Hawk & R-Raptor Boost	R-Hawk & R-Raptor DH
	Standard Axle	Boost Axle	DH Axle
Q- Rings DM R-Hawk & R-Raptor	✓	✓	✓



REX DIRECT MOUNT

REX¹ DIRECT MOUNT REX²

	Crank Type	
	REX 1.1. REX 2.1. (3D+ XC2 3DF XC2)	
Q- Rings DM REX	✓	

* Rotor Spider Nut tool required



REX SPIDER MOUNT

REX¹ SPIDER MOUNT REX² REX³

	Crank Type		
	REX 1.1. REX 2.1. Rex 3.1		
Q- Rings BCD 76 x 4 Spider Mount	✓		



Q-Rings Direct Mount SRAM® compatible



Q-Rings Direct Mount RACE FACE® compatible



Q-Rings SHIMANO® compatible

Q-Rings SRAM®, RACE FACE®, SHIMANO® compatible

Q-Rings Direct Mount SRAM® compatible

	GXP®	BB30	BB30 Long
Boost 52 mm Chainline	Q-ring DM Ring 3 mm Offset *	x	Q-ring DM Ring 3 mm Offset *
Standard 49 mm Chainline	Q-ring DM Ring 6 mm Offset	Q-ring DM Ring 0 mm Offset	Q-ring DM Ring 6 mm Offset

* Coming Soon

Q-Rings Direct Mount RACE FACE® compatible

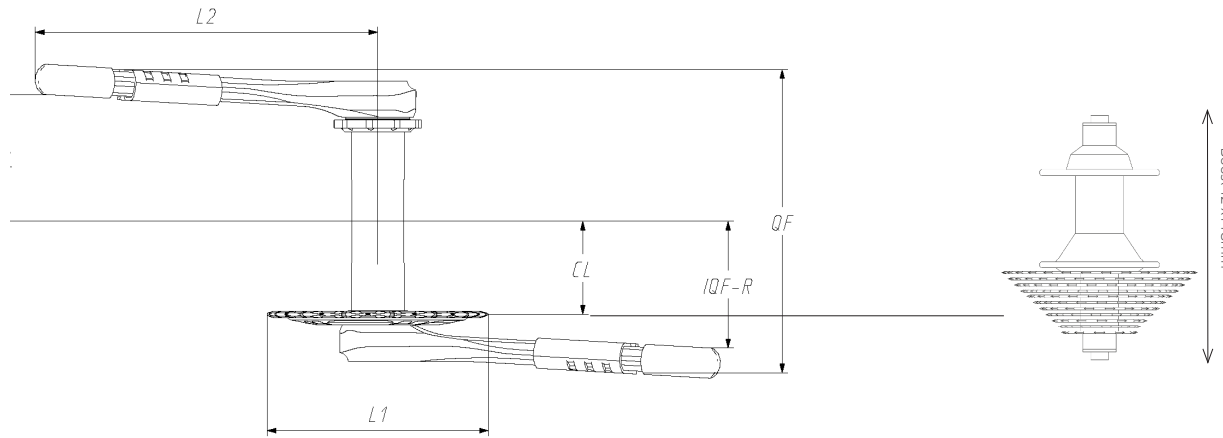
		Crank Type
		Race Face® Cinch system
Race Face®	Q-ring DM Race Face® compatible	✓

Q-Rings Direct Mount SHIMANO® compatible

		Crank Type
		SHIMANO® XT® 96 / SHIMANO® XTR® 96
SHIMANO®	Q-Rings XT® 96BCD Compatible	✓
	Q-Rings XTR® 96BCD Compatible	✓



What Is Boost?



BOOST 148

- 12 x 148 mm rear spacing
- Hub Flanges move 3mm outboard
- Requires chainline to be adjusted for 3mm outboard with different chainring spider

RHawk & RRaptor Boost Axle Frame Chart

Chaining size	L1 (mm) chaining max. diameter	Crankset frame clearance information				QF (mm) Total Q-Factor	CL (mm) Chainline
		L2 (mm) crankset max. length (175)	IQF-L (mm) Inner Q-factor left	IQF-R (mm) Inner Q-factor right			
Direct mount Q - 28	130.5	193	71.5	71.5	170	52.5	
Direct mount Q - 30	138						
Direct mount Q - 32	146.5						
Direct mount Q - 34	154.5						
Direct mount Q - 36	163.5						

MTB / Application

Crank Range	Crank Model	Q factor	Rear Drop-out spacing / Chainline		
			Standard Axle 135/142 Chainline 49 mm	Boost 148 Chainline 52 mm	Downhill 157 Chainline 58 mm
Rex	REX 1.1. REX 2.1	163	✓	✗	✗
	REX 1.2 REX 2.2		✓	✗	✗
	REX 3.1 REX 3.2		✓	✗	✗
	REX 1.1 BOOST SPIDER		✗	✓*	✗
Crank Range	Axle Model				
R-Hawk R-Raptor	STANDARD AXLE	164	✓	✗	✗
	BOOST 148 AXLE	170	✗	✓	✗
	DH AXLE	181	✗	✗	✓

✓* Check clearance with REX crank template

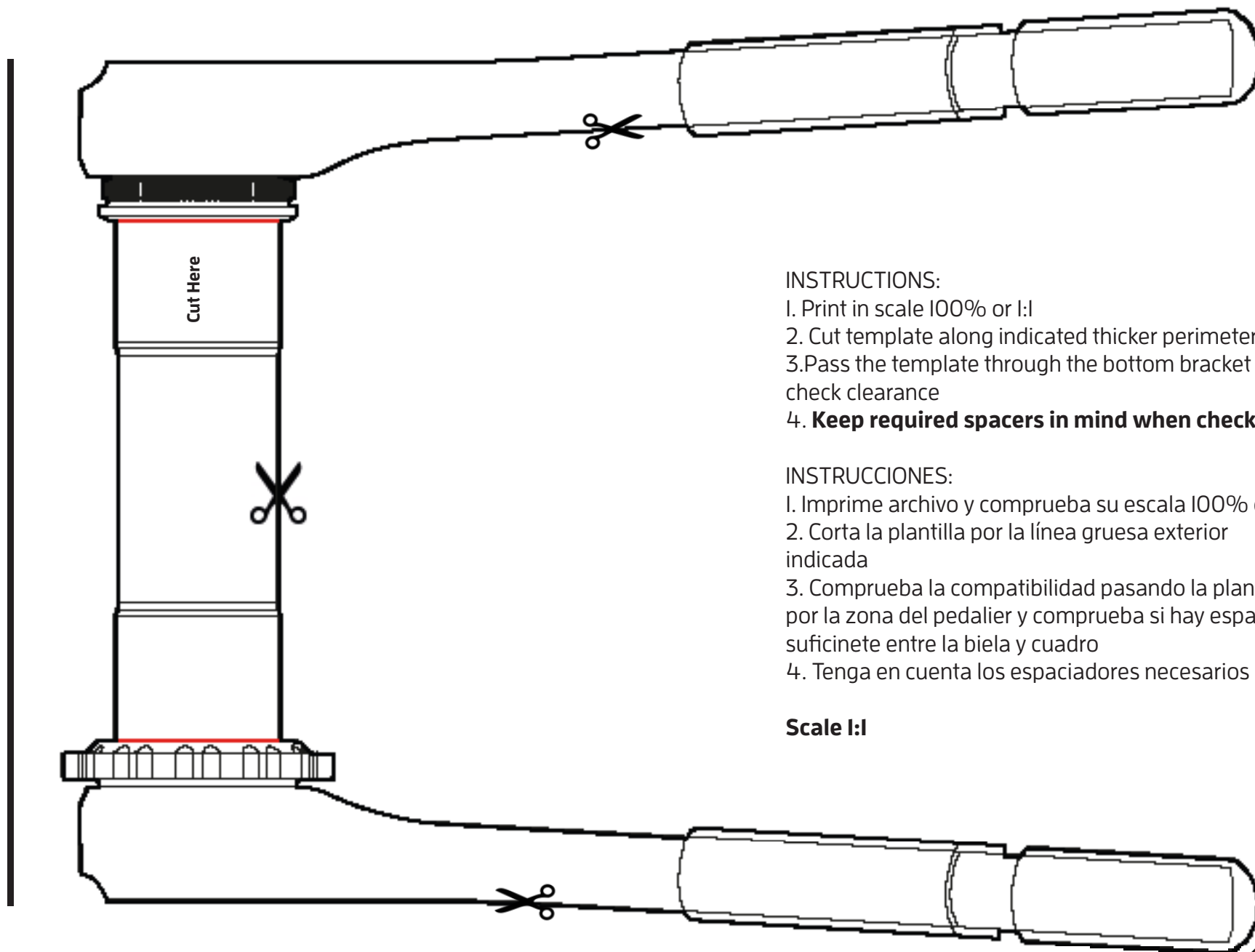


SHAWK RAPTOR STANDARD AXLE

Not sure about crank clearance?

Cut one of this templates, follow instructions and check with your frame

Measure Me!
152 mm



INSTRUCTIONS:

1. Print in scale 100% or 1:1
2. Cut template along indicated thicker perimeter line.
3. Pass the template through the bottom bracket to check clearance
4. **Keep required spacers in mind when checking!**

INSTRUCCIONES:

1. Imprime archivo y comprueba su escala 100% o 1:1
2. Corta la plantilla por la línea gruesa exterior indicada
3. Comprueba la compatibilidad pasando la plantilla por la zona del pedalier y comprueba si hay espacio suficiente entre la biela y cuadro
4. Tenga en cuenta los espaciadores necesarios

Scale 1:1



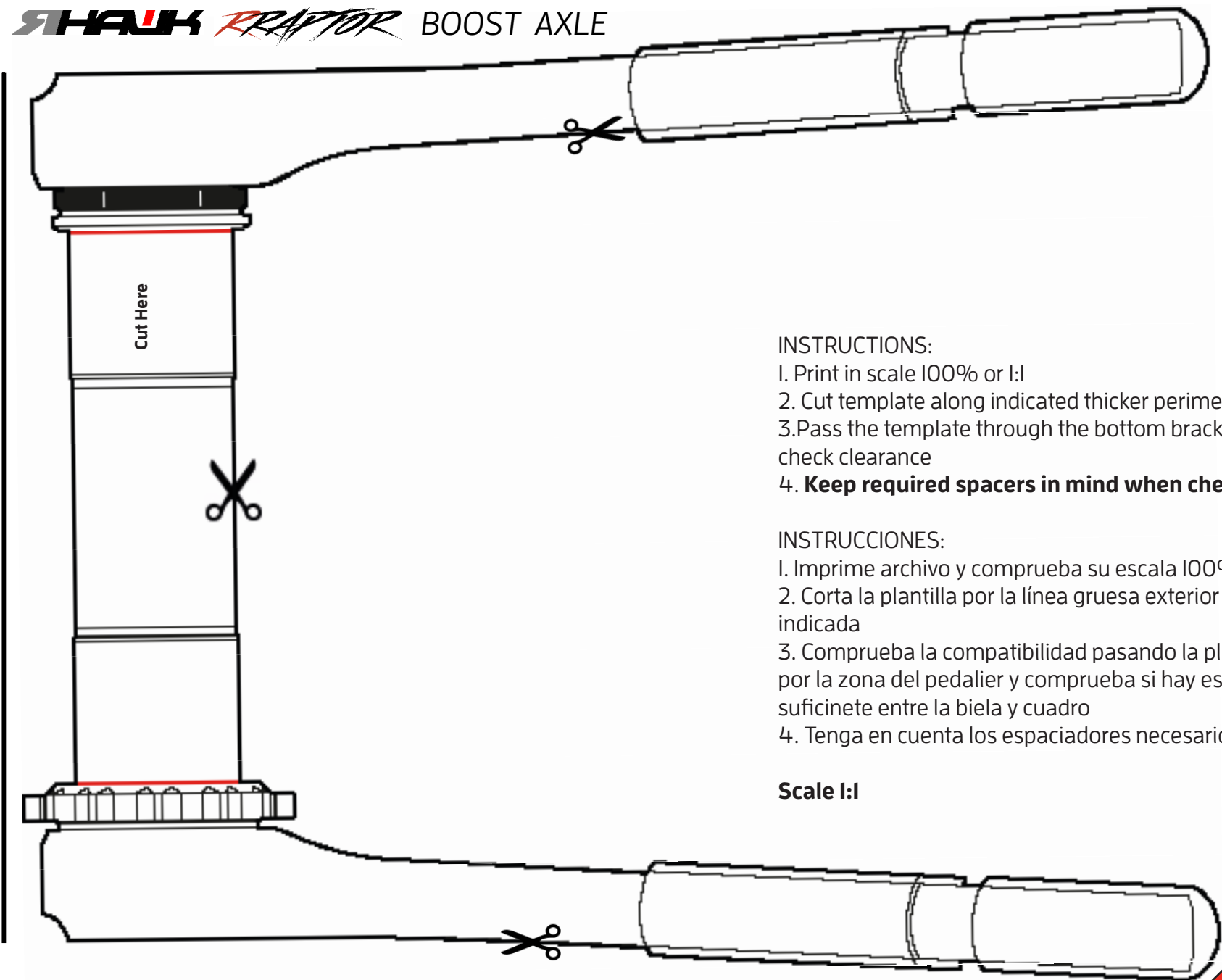
SHAWK RAPTOR BOOST AXLE

Not sure about crank clearance?

Cut one of this templates, follow instructions and check with your frame

Measure Me!

158 mm



INSTRUCTIONS:

1. Print in scale 100% or 1:1
2. Cut template along indicated thicker perimeter line.
3. Pass the template through the bottom bracket to check clearance
4. **Keep required spacers in mind when checking!**

INSTRUCCIONES:

1. Imprime archivo y comprueba su escala 100% o 1:1
2. Corta la plantilla por la línea gruesa exterior indicada
3. Comprueba la compatibilidad pasando la plantilla por la zona del pedalier y comprueba si hay espacio suficiente entre la biela y cuadro
4. Tenga en cuenta los espaciadores necesarios

Scale 1:1

Not sure about crank clearance?

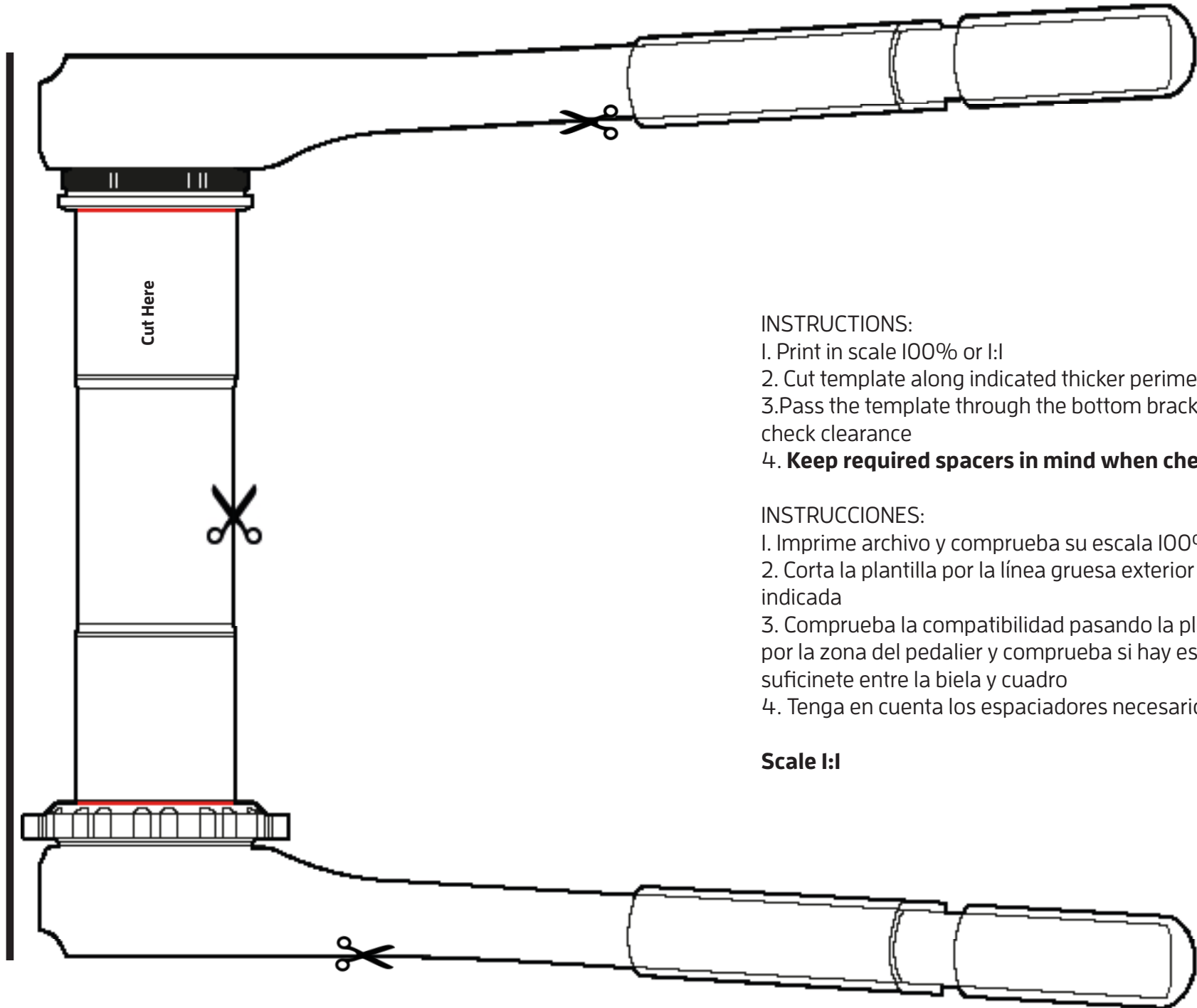
Cut one of this templates, follow instructions and check with your frame



SHAWK RAPTOR DH AXLE

Measure Me!

167 mm



INSTRUCTIONS:

1. Print in scale 100% or 1:1
2. Cut template along indicated thicker perimeter line.
3. Pass the template through the bottom bracket to check clearance
4. **Keep required spacers in mind when checking!**

INSTRUCCIONES:

1. Imprime archivo y comprueba su escala 100% o 1:1
2. Corta la plantilla por la línea gruesa exterior indicada
3. Comprueba la compatibilidad pasando la plantilla por la zona del pedalier y comprueba si hay espacio suficiente entre la biela y cuadro
4. Tenga en cuenta los espaciadores necesarios

Scale 1:1



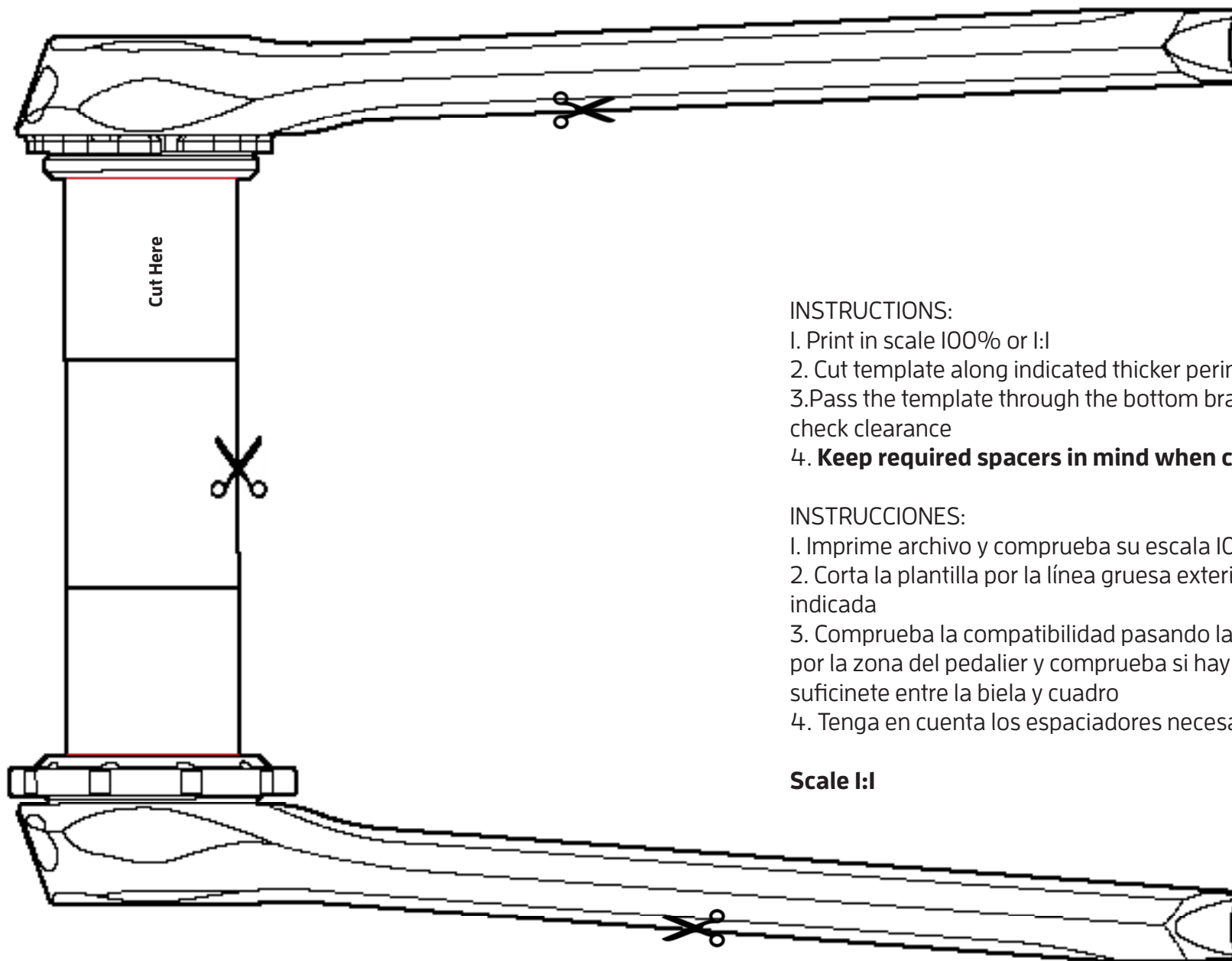
REX1 REX2 AXLE

Not sure about crank clearance?

Cut one of this templates, follow instructions and check with your frame

Measure Me!

150 mm



INSTRUCTIONS:

1. Print in scale 100% or 1:1
2. Cut template along indicated thicker perimeter line.
3. Pass the template through the bottom bracket to check clearance
4. **Keep required spacers in mind when checking!**

INSTRUCCIONES:

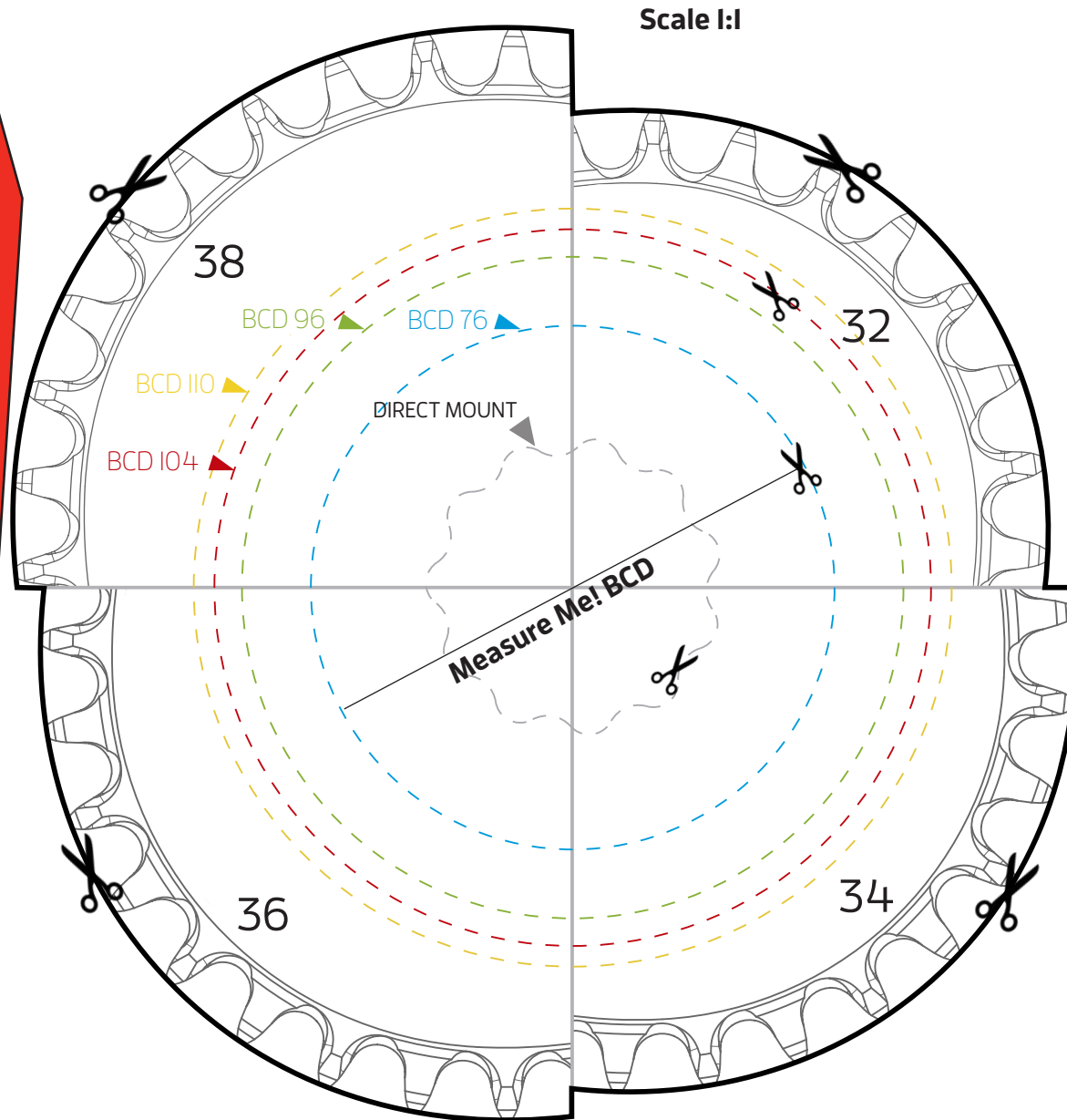
1. Imprime archivo y comprueba su escala 100% o 1:1
2. Corta la plantilla por la línea gruesa exterior indicada
3. Comprueba la compatibilidad pasando la plantilla por la zona del pedalier y comprueba si hay espacio suficiente entre la biela y cuadro
4. Tenga en cuenta los espaciadores necesarios

Scale 1:1



Not sure what size of Q Rings will fit into your frame?

Cut one of this template, follow instructions and check with your frame



Scale 1:1

INSTRUCTIONS:

1. Print in scale 100% or 1:1. Take BCD diameter as reference.
2. Cut template along the outer contour and your BCD.
3. Place template against your rings and align the BCD line with the rings's bolts.
4. Keep in mind different off-sets on your rings, such as Boost

INSTRUCCIONES:

1. Imprime archivo y comprueba su escala (100% o 1:1) usad el diámetro BCD como referencia.
2. Corta la plantilla por la línea gruesa exterior y la línea correspondiente al BCD que se desea comprobar.
3. Comprueba la compatibilidad poniendo la plantilla sobre los platos alineando la línea de BCD con los tornillos del plato.
4. Tenga en cuenta los diferentes Off-Sets de los platos.

BCD Bolt Circle Diameter

ROTOR

www.rotorbike.com

