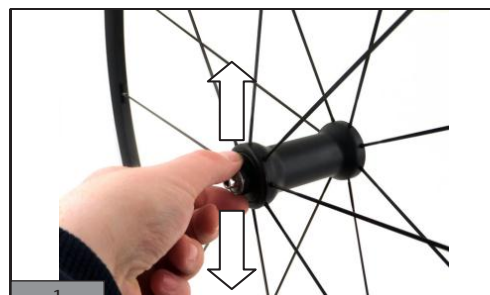


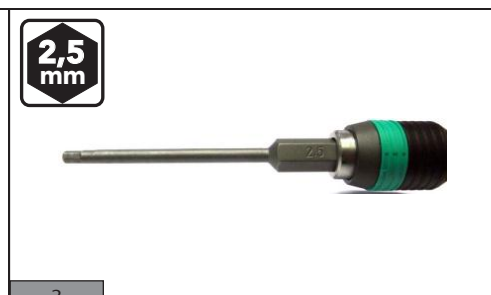
MAINTENANCE CARDS

GROUP		TYPE		OPERATION	REVISION	DESCRIPTION			
ROAD WHEELS		CONE / CUP MECHANISM		001	04/2019	HUB ADJUSTMENT FRONT/REAR			
PRODUCTS ON WHICH THE PROCEDURE SHOULD BE APPLIED									
RACING CHRONO	SPEED / SPEED DB	RACING SPEED	RACING SPEED XLR	RACING LIGHT XLR	RACING ZERO CARBON	RACING ZERO	RACING ZERO NITE	RACING ZERO DB	RACING 3 DB
RACING ZERO 2-WF	RACING 1 2-WF	RACING 3 2-WF	RED WIND XLR						




1

When the wheel has been in use it may be necessary to adjust the tolerance of the axle movement with respect to the bearings rolling in the cups and cones of the hub. To check whether the adjustment is necessary, hold the rim with one hand, in with the other move the axle to identify if the tolerance is too loose or tight.




2

Use a torque wrench screwdriver with a 2.5mm Allen driver bit, a torque value with a range from 1.2 Nm (11 in.lbs) to 3.0 Nm (27 in.lbs) set to conduct a **2.5 Nm (22 in.lbs)** closure.




3

Once the screwdriver has been inserted inside the 2.5 screw, loosen the screw counter-clockwise 2 revolutions.




4

The indication that the adjustment ring nut will be loosened will be when the slot in the nut has a visible gap. Do not remove the screw from the adjustment ring nut.




5

Holding the axle stationary, rotate the adjustment ring nut clockwise by about 1/8 of a turn.




6

Check if the tolerance of the axle movement has been adjusted to satisfaction. If there is still unsatisfactory movement, carry out point no. 5 again.



7

If the tolerance has been adjusted successfully, tighten the 2.5mm Allen screw with the torque wrench screwdriver set to **2.5 Nm (22 in.lbs)**. To reach the pre-defined torque, wait for the tool to indicate the proper torque.




8

Check the movement of the axle when it rotates, if necessary repeat from point no. 2.

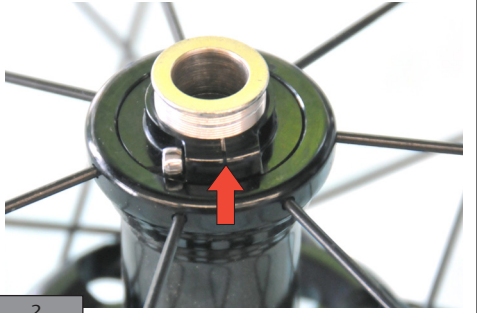
MAINTENANCE CARDS

GROUP	TYPE				OPERATION	REVISION	DESCRIPTION		
ROAD WHEELS DISC BRAKE	BOTTOM BRACKET INDUSTRIAL BEARINGS				001	04/ 2019	ADJUSTMENT OF FRONT/REAR HUB		
PRODUCTS ON WHICH THE PROCEDURE SHOULD BE APPLIED									
RACING 4 CARBON DB	WIND DB	RACING 5 DB	RACING 4 DB	RACING 6 DB	RACING 7 DB	RACING 400 DB	RACING 500 DB	RACING 600 DB	RACING 700 DB

The correct position of the clearance recovery ring on the industrial bearings must be identified by following the procedure below.



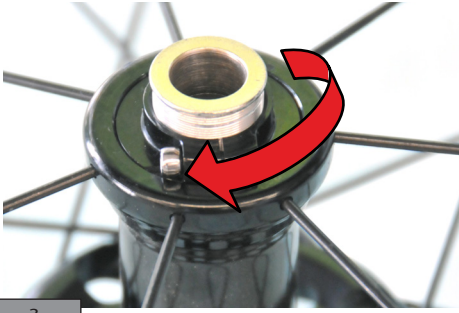
1



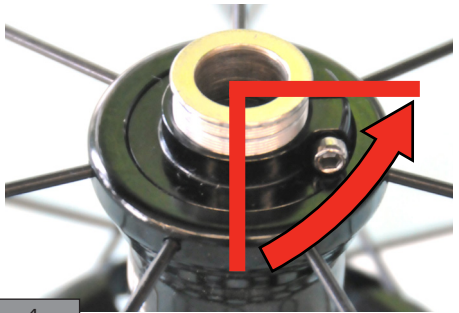
2

Loosen the screw which tightens the ring.


The ring is loose when the crack of the joint is visible.



3



4



5

Keep the pivot on the other side still and screw in the ring until it stops. Unlike conical - bottom bracket cup bearings that do not have an end stop, on these industrial bearings the end stop point is clear.

Keeping the pivot still, unscrew the ring by ¼ of a turn (90°).

Tighten the screw with a dynamometric screwdriver.