

ADJUSTING AXIAL PLAY

For horizontal movements with nut wear usage measurement using supports "LXY"

Horizontal movements

Viewed from above
Mobile table/carriage



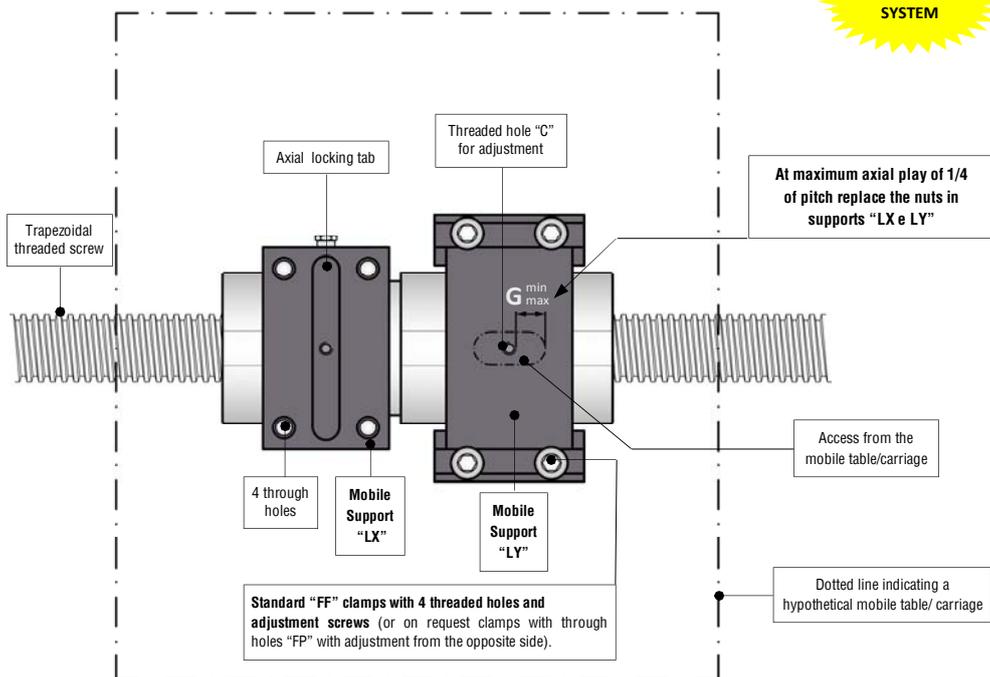
Procedure:

(removing play)

Loosen the 4 clamping screws of support LY, insert a threaded rod in hole "C" via the appropriate hole and measure the min/max amount of play.

Position the "LY" support by pushing it, using the threaded rod, in the opposite direction of support "LX" and then locking with the 4 clamping screws.

Test the scrolling by manually turning the screw and checking that the new axial play adjustment is constant along the entire length of travel required.



ALUMINIUM PLATE

To apply to the machinery, indicating the axial play adjustment procedure for the nuts.

The plate is supplied with the manoeuvring Group for horizontal movements or together with the single support if ordered separately.

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**SUPPORTS FOR ADJUSTING AXIAL PLAY
DIRECTLY ON THE MACHINE - PATENTED SYSTEM**

Axial play adjustment normally for **HORIZONTAL** movements with verification of **maximum tolerable play of 1/4 of pitch** of the thread.
(for Compact and Excellent models)

LOAD BEARING SUPPORT "LV"

Compact Group

ADJUSTABLE SUPPORT "LZ"

ADJUSTMENT DIRECTION

LOAD BEARING SUPPORT "LX"

Excellent Group

ADJUSTABLE SUPPORT "LY"

ADJUSTMENT DIRECTION

Axial play adjustment is made by loosening bolts 1/2/3/4, and moving the Adjustable Support away from the Load Bearing Support and then retightening the bolts. Check scrolling across the entire length of travel required. (For **VERTICAL MOVEMENTS IN SAFETY** the "Safety" system is advised with visual or electronic control).

ALTERNATIVE FOR VERTICAL MOVEMENTS using the same manoeuvring Group "LXY" without resorting to the "LXW Safety" model: conducting the measurement of axial play determined by nut wear, it is likewise possible to check play as described above, but the adjustment has to be made in the opposite direction to the horizontal model with the supports being pushed towards each other so that both nuts bear the load from the same side. This way there is a double support of the load with more thread being held and giving better durability of the system but, however, without any safety features and requiring constant monitoring of nut wear. For this type of operation the above plate is not supplied as it is not relevant, in that the arrow indicating the "adjustment direction" is opposite to that required by the system.

Please remember that where it is necessary to guarantee safety the "Safety" system listed on the following pages must be used.