

Stroke change procedure

Dino 4-60 and 55-60

The Transportable Dyno stroke goes from 0 to 2 $\frac{3}{8}$ "

To change the stroke the user must act over the eccentric mechanism.

The software recognizes automatically the Dyno stroke.

The procedure:

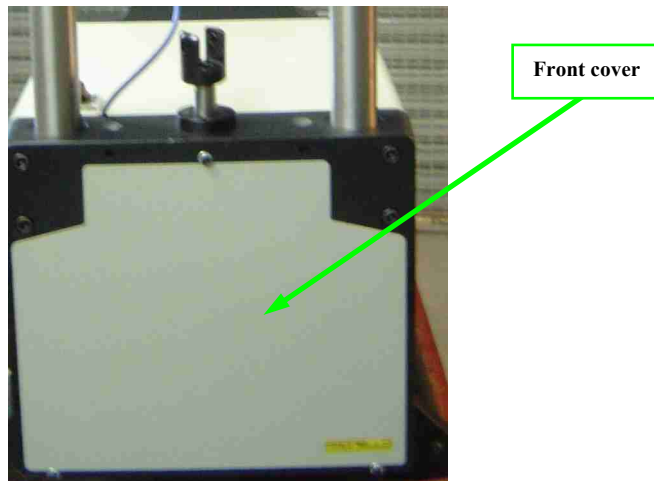
1-Remove the front cover.

2-Hold on the "**Big hexagon**" with a 2" key.

3-With a 10mm tube key, turn counter clockwise the "**Small hexagon**", until the cone is free, there will be 2 unclamping steps until the cone gets free.

4-Once the cone is free, turn the "**Big hexagon**" until the mark (line or point) is on the desired stroke at the marked scale.

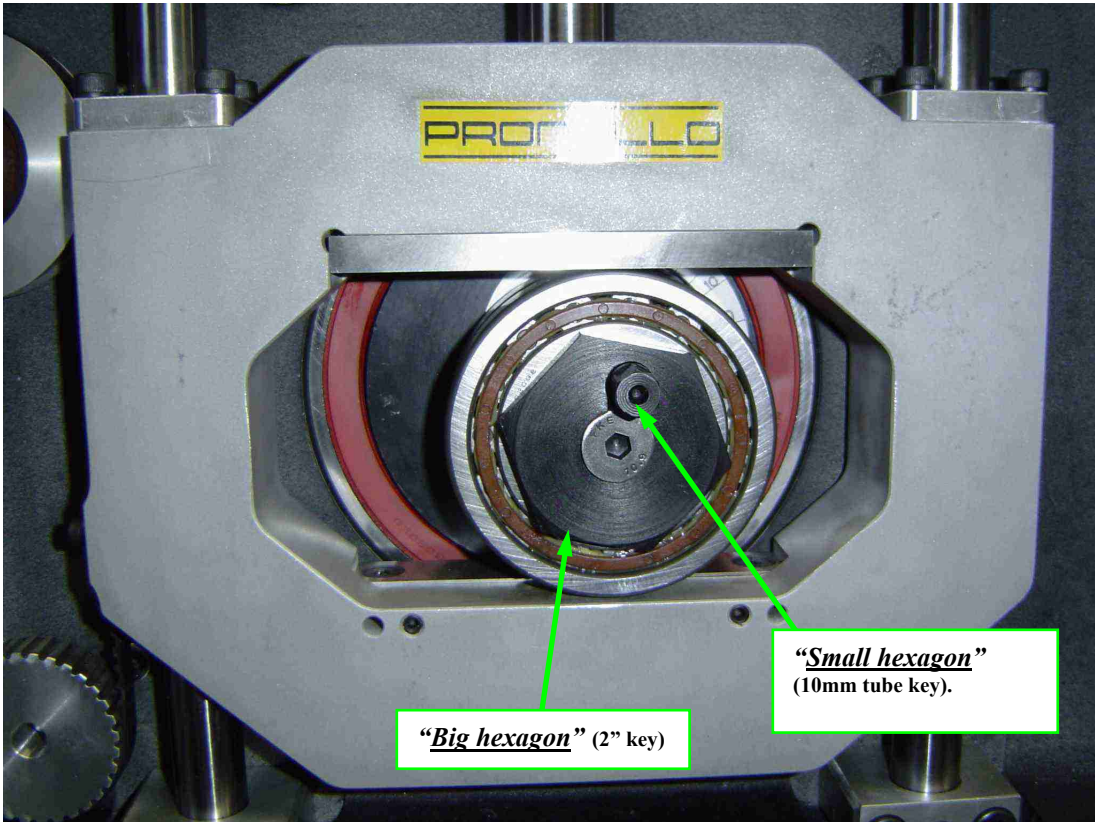
5-Now, clamp again the cone, holding firmly with the 2" key in the "**Big hexagon**", the mark over the desired stroke at the scale, and turning the "**Small hexagon**" clockwise with the 10mm tube key. The fixing torque for this 10mm tube key, should be in 30/35 pound foot (4/5 Kgm). This is very important, in order to clamp properly the cones.



IMPORTANT NOTE 1:

To put the mark over the desired stroke on the scale, it's needed to turn the cone clockwise or counter clockwise, but always less than 180 degrees (half turn).

For example, if the machine is in a 1 inch (25mm) stroke, and the user wants to set a 2 inches (50mm) stroke, he must turn the cone counter clockwise 60 degrees; do not turn 300 degrees in clockwise direction.

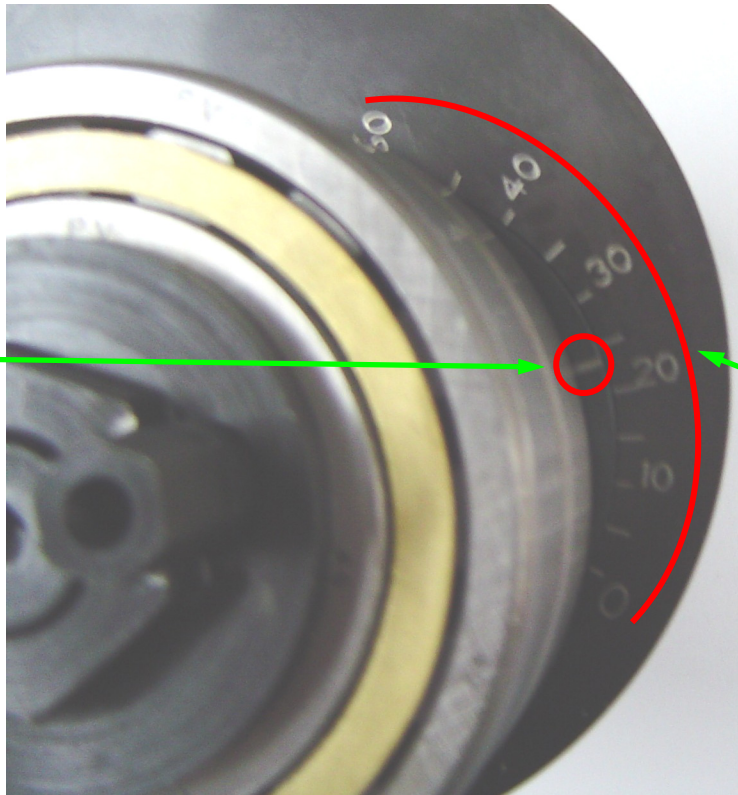


“Big hexagon” (2" key)

“Small hexagon”
(10mm tube key).

There is a scale so the user can fix the eccentric mechanism at the desired stroke.
The cone has a marked line or point that shows the stroke over the scale.

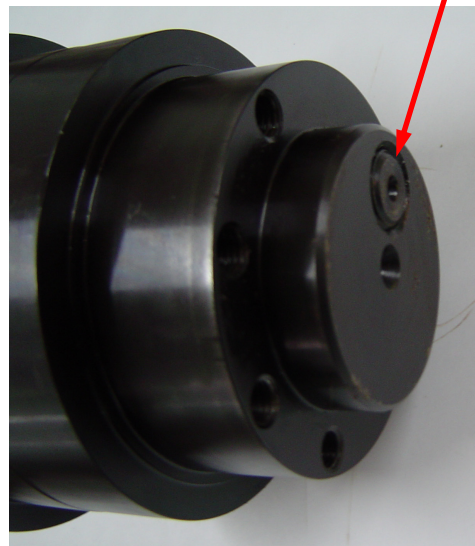
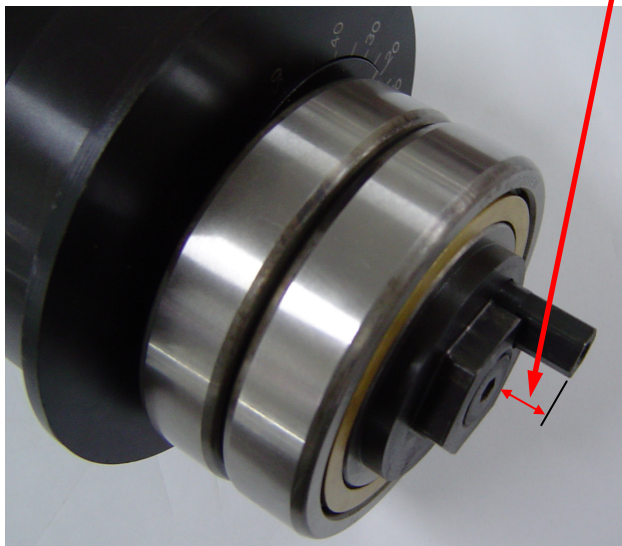
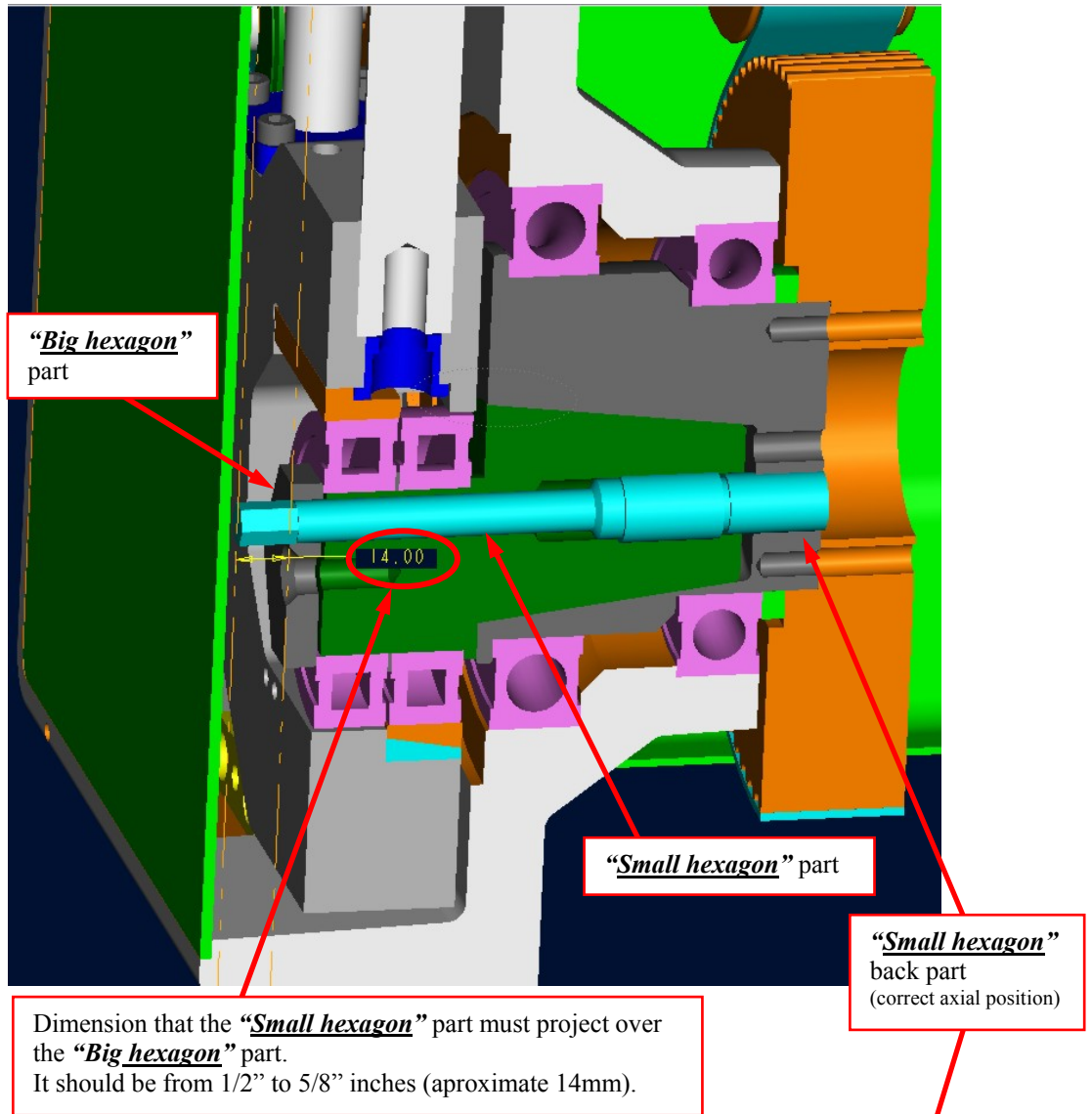
Cone mark
(line or point).



Marked
scale

IMPORTANT NOTE 2:

Both cones fix together by a differential pitch thread system. To work properly, this system requires that the **“Small hexagon”** part is in the correct position with respect the **“Big hexagon”** part.



(If the **“Small hexagon”** part axial position is more external than the specified, the cones will clamp, but in the back part, it won't have the necessary amount of thread to apply the torque; and if it is more internal than the specified, the cones won't clamp).