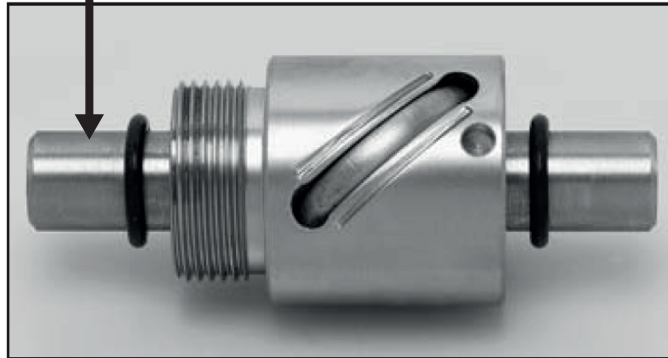




VERY IMPORTANT PLEASE READ!

ARBOR TUBE Metal or plastic tube inside ball screw nut to prevent release of balls



Please note if arbor tube is removed balls will fall from nut, this will result in nut having to be returned to Eichenberger in switzerland for reloading.

Please insert screw spindle into end of nut and slowly push the screw in and turn to the hand that the nut is ie. left or right hand thread. Assembling instructions overleaf.

For any more info please contact Mark or Colin Moore on the number below.



Handling Assembling & Lubrication



Eichenberger Gewinde

BALL SCREWS

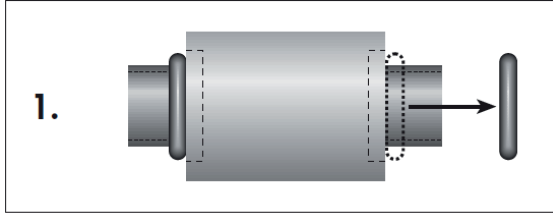


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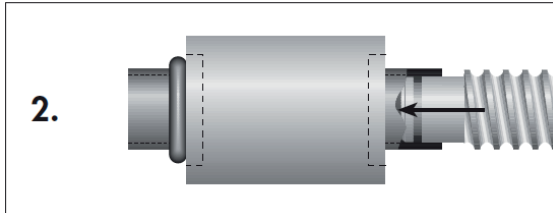
**PLEASE TAKE THE TIME TO READ
THIS LEAFLET BEFORE USE**

Assembling of Carry and Carry Speed-line ball screw units



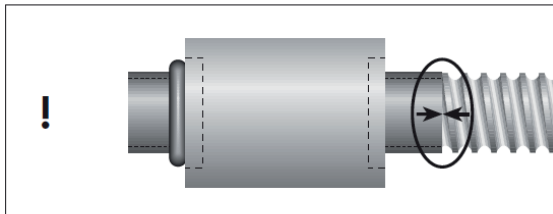
1.

1. Remove transport lock (O-ring) on one side. Please keep sleeve and nut in horizontal position. Otherwise, the nut may slide from the sleeve and balls may fall out of the ball race. In the event such incident does occur, balls must be properly re-inserted to prevent damage to or blockage of the ball screw. If in doubt, please contact Eichenberger Gewinde AG.



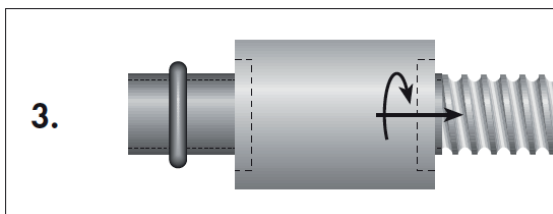
2.

2. Insert screw end into mounting sleeve.



!

! Caution: Operator must be able to advance sleeve up to the thread intake. Otherwise, balls may fall out of the ball race and damage or block the unit.



3.

3. Gently turn nut onto the screw

Handling

Ball screws are precision parts and must be protected from shock, dirt or moisture when transported or stored. Please do not unpack until ready for use. Please check for cleanness when mounting the ball screw. Dirt or foreign matter on the ball race – especially inside the nut – may cause increased wear and premature failure. Please consult lubrication recommendation before mounting or operating ball screws.

Lubrication

The usual specifications for lubricating ball bearings also apply to ball screws. However, lubrication applied only once but intended to last a lifetime is not sufficient in most cases. Regular lubrication is required to extend the service life of the ball screw.

Please note: When shipped, screws simply have a protective film. Before mounting or operating the ball screw, units must be lubricated with the proper lubricant (through the lube hole for nuts with wipers; directly onto the screw for nuts without wipers). Recommended all-purpose lubricant: Klüber Microlube GBU Y 131

When using another lubricant, please verify compatibility with anticorrosion agent; otherwise rinse ball screw unit prior to lubrication. Caution: Do not use grease containing graphite or MoS.

No Liability

Compliance with the above handling, mounting and lubricating instructions is absolutely critical. Eichenberger Gewinde AG shall not be held liable for any loss or damage, whether direct, indirect or consequential, resulting from the failure to observe all or any of said instructions or from inappropriate or deficient compliance therewith.