

33 GDS Helpsheet



*World Leaders in Computer Controlled Testing
Systems for Geotechnical Engineers and Geologists*

Hardware

STD & ADV Controller

Replacing Balls in Ball Nut

1. Introduction

Before you begin you will need 51 balls and a retaining tube.

1. Remove ball nut by winding it off the ball screw.
2. Identify the return tube which carries the balls from one end of the nut and returns them to the other end.
3. First fill this tube with balls one after the other until they emerge from the other end.
4. Using a general purpose grease stick the remaining balls into the open grooves of the nut. When the nut is full there should be a space of approximately 1-2 balls.
5. Gently push the retaining tube into the nut.
6. With your finger on the end of the tube hold the tube on the end of the screw so that it is in line with the screw.
7. Offer up the nut to the end of the screw.
8. Hold the nut stationary and turn the screw so that the nut winds onto the screw - there should be no resistance to this.