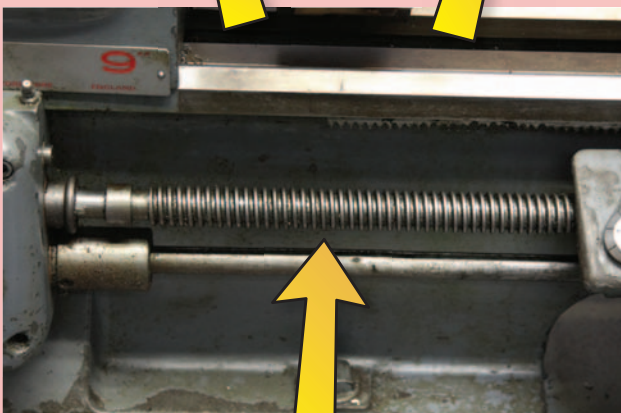
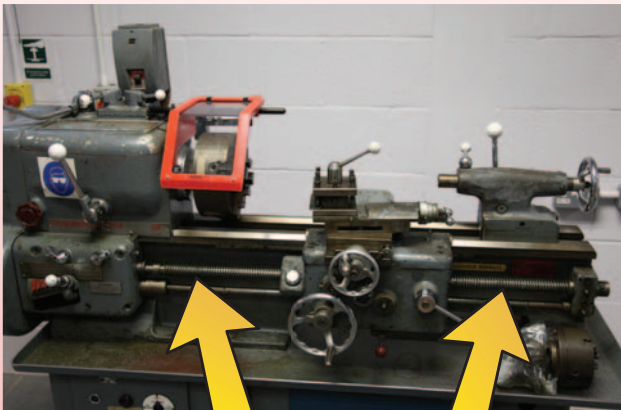


Make your lead screw safe

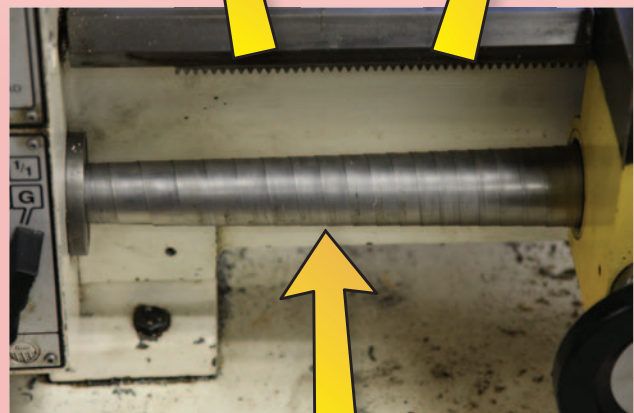
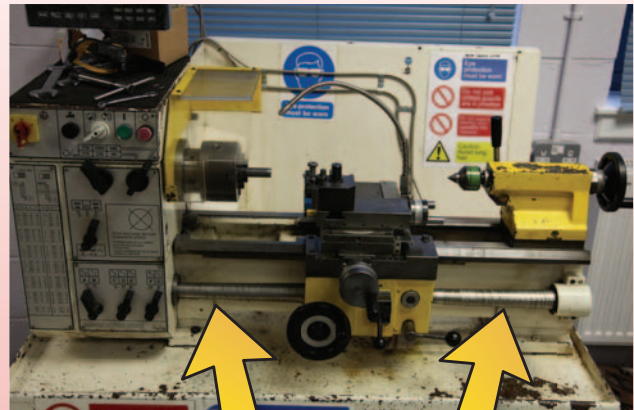
Sometimes, lead screws on school Centre Lathes may be covered by overhanging bedways. However, if the lead screw is exposed on your machine an appropriate guard should be provided according to the updated British Standard 4163:2014, Page 78. Rotating exposed lead screws provide a dangerous entanglement or trapping hazard to student aprons, long hair or loose jewellery.

However certain metalwork lathe designs are not suitable for guarding the lead screw, and in this case, as an alternative to guarding of the lead screw, the drive to the lead screw must be completely disconnected (by the removal of an internal gear from the lead screw drive mechanism). This action should only be completed by your authority's approved machine maintenance contractor.

If an exposed lead screw is required, a special risk assessment showing how the additional hazards presented by the unguarded shaft will be removed or reduced using appropriate control measures must be retained in your Technical Education Department's Health and Safety folder (paragraph 14.2.2 - BS 4163:2014).



This lead screw is exposed with no guard and presents an entanglement risk when rotating.



This lead screw has been properly guarded using a Spiroflex lead screw cover guard.