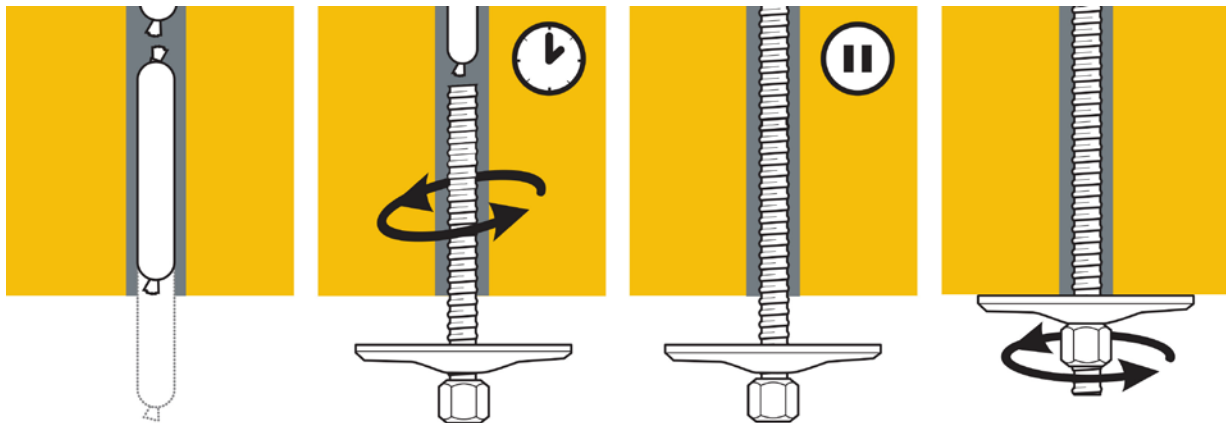


Lokset[®] Resin Installation Guide

Before insertion of Lokset capsule

1. Drill bolt hole to correct length and diameter for selected bolt and resin capsule used. (Contact Minova representative for further advice if required)
2. Ensure bolt hole is free from dust and grit and preferably flushed with water or air prior to bolt installation.

Rotation direction: Coal - Clockwise / Hard Rock - Anti Clockwise



Spin and Hold

1. Insert capsule into the borehole. If using Two Speedie resin insert Fast speed end first.
2. Push bolt into the borehole and commence bolt rotation and resin mixing, continue rotation until bolt reaches the back of the hole and continue mixing for a further 2-4 seconds then stop rotation. (Ensure correct RPM's and spin times are used. Contact Minova representative for further advice if required).
3. Hold bolt in position until correct hold time for resin capsule has been reached. (Note hold times may vary depending on installation conditions).
4. Spin nut and tension until drill rig stalls and plate is tight to the mine roof.

Spin to Stall

1. Insert capsule into the borehole. If using Two Speedie resin insert Fast speed end first.
2. Push bolt into the borehole and commence bolt rotation and resin mixing, continue rotation until bolt reaches the back of the hole. (Ensure correct RPM's are used. Contact Minova representative for further advice if required.)
3. Skip step 3 in diagram. Continue bolt rotation until nut breaks out and tension until drill rig stalls and plate is tight to the mine roof.