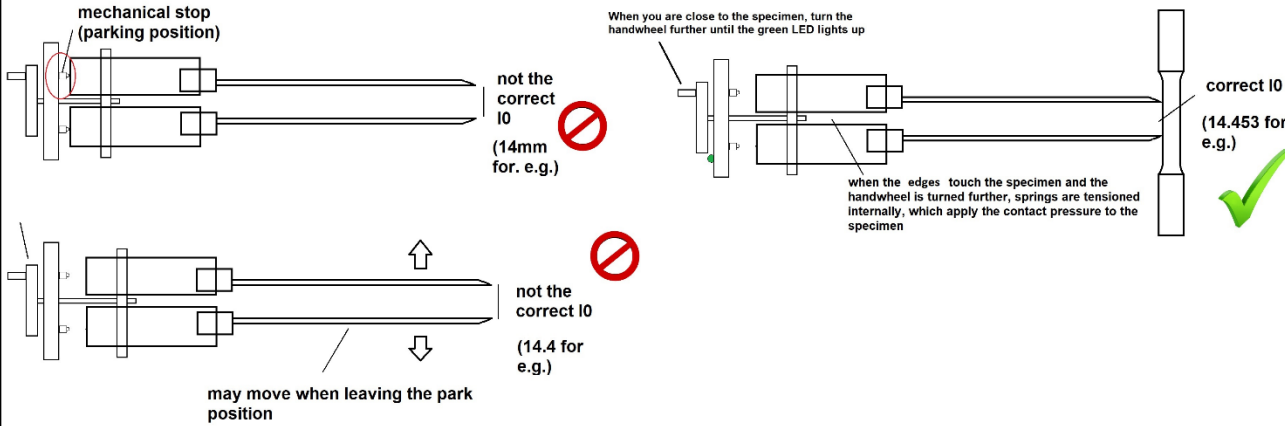
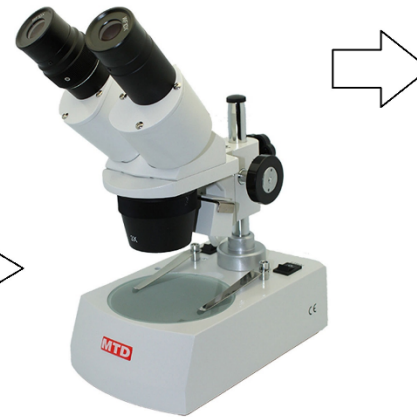
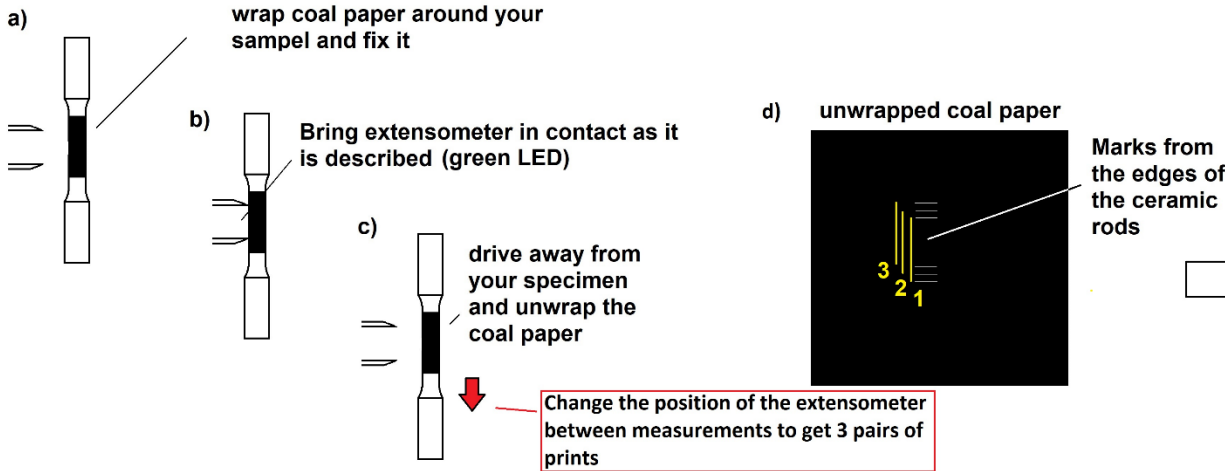


**1) mechanical situation in the Extensometer while approaching the specimen**



**2) correct way to determin l0**

**3 x**



e) stereo magnifying glass with length measuring system



f)

correct l0



$$l_0 = (l_{01} + l_{02} + l_{03}) / 3$$

repeat this process 3x. If there are deviations of more than 50 microns between the individual measurements, this can indicate a mechanical problem in the device. There is always a certain deviation: the rod can slip on a sample that is too smooth (unlikely) or the rod slips into a material roughness. If the deviation falls within the tolerable value, I recommend calculating the mean value from the 3 values.