



FIG. 9.19 Illustration of fixture for continuous bend testing (from Goldacker et al. 2002). Three bending positions of the sample are illustrated. Labels are defined as follows:  $r$  is the bending radius,  $r_{\min}$  is the minimum possible bending radius,  $L_s$  is the sample length, and  $L_a$  is the distance and location (shown by vertical arrows) of the grip turning axes.