The Boomilever must be a single structure, with no separate, loose, sliding, or detachable pieces, constructed of wood, and bonded by adhesive (3.a.)

*The Boomilever pictured here is only one possible configuration that satisfies rules.*

**Mounting Hook** is a 4” steel J-bolt of ¼” nominal round stock, 5/8” nominal inside hook diameter, and threaded ¼” mounting end (5.a.ii.)

Boomilever is designed to support the Loading Assembly so that the loading point (*the centerline of the chain*) is at a point 40 to 45 cm from the Testing Wall (3.c.)

**Boomilever attaches to the Testing Wall using the Mounting Hook (3.b.)**

**Mounting Hook installed with “opening” up and 2.5 ± 0.1 cm clearance from wall (5.a.iii.)**

**Testing Wall (provided by the Event Supervisor) is a vertical, solid, and rigid surface that is ¾” thick and does not bend when loaded (5.a.i.)**

Mounting Hook is secured with a hex nut and flat washer on the front side and a wing nut and flat washer on the back side of the Testing Wall; hex nut and washer on front side are considered part of the Testing Wall (5.a.iii.)

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