



MEETING LOG

SUBJECT: ASTM F15.42 Furniture Subcommittee's Task Group on Toggle Bolts for ASTM F3096 (Tip Restraints) Meeting Log

FY 25 OP PLAN ENTRY: Clothing Storage Unit (CSU) Tip-overs

DATE OF MEETING: 1/30/2025

LOCATION OF MEETING: Virtual

CPSC STAFF FILING MEETING LOG: Kristen Talcott

FILING DATE: 4/7/2025

CPSC ATTENDEE(S): Kristen Talcott (ESHF), Daniel Taxier (ESMC)

NON-CPSC ATTENDEE(S): Contact ASTM for the full attendee list

Summary of Meeting:

This task group is focused on potential requirements for drywall anchors used to connect anti-tip devices to the wall. The mission of the group is to determine how to ensure that the drywall anchors supplied with an anti-tip device can hold expected forces, including horizontal pull-out forces. In this meeting, a guest manufacturer of toggle bolts joined the call to provide additional information to task group members about the industry, testing, and other considerations for toggle bolts. Among the information provided was:

- There are no industry standards for testing the tensile and shear force capabilities of toggle bolts, but the manufacturer conducts their own testing to rate their products' strength;
- Toggle bolt strength is influenced by the distance to a wall stud, but the effect of distance is inconsistent across toggle bolts, so there is no consistent "worst case" placement;
- The amount of screw sticking out of the wall affects forces and strength; and
- The manufacturer recommends a safety factor to account for manufacturing variation in drywall over time.

CPSC staff asked the manufacturer if they would be willing to share test protocols; the manufacturer recommends developing test methods from scratch and is willing to advise the task group.

Next Steps: The next meeting is scheduled for April 3, 2025.