

Subject: Push-Out Testing

Purpose: This specification covers the setups and testing methods for performance evaluation tests of the subject part, or any other similar part.

Process: The values obtained in the push-out and torque-out test do not indicate axial strength of the fastener threads, allowable tightening torque, or design loading of an assembly. They pertain only to the holding strength of the fastener in the sheet.

Push-out Test

Push-out tests shall be performed by the gradual application of the load in the manner illustrated. Dimensions noted are from appropriate Captive Fastener catalog where ‘B’ is the Diameter of the Stud head. The height of the anvil should be sufficient to allow for the free download movement of the nut being tested.

