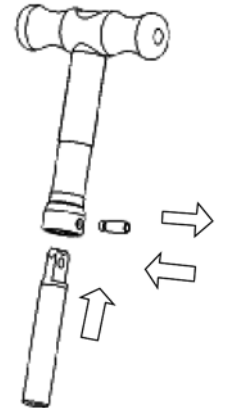


WSTT (Weld Stud Test Tool) Operating Instructions

Rev 1.0

Testing Weld Studs

1. The Weld Stud Test Tool is designed for use during the production of sheet metal products to test the strength and integrity of welds used to attach threaded studs to the sheet metal.
2. Attach the appropriate "End Fitting" for the weld stud.
3. Apply a straight pull of the WSTT wrench (no side load). When the wrench breaks-over and the weld stud is still attached then it passed. If the weld stud breaks off - then it failed.



Calibrating and Adjusting Torque Setting

1. Take the "Setting Adapter" (3/8 Square Drive) and weld a weld stud to it. Make sure to use the same size weld stud that the tool will be used on.
2. Select a torque analyzer or transducer that covers the torque range of the WSTT wrench. Insert setting adapter to the torque analyzer or transducer.
3. Connect WSTT to setting adapter. Apply a straight pull slowly until wrench breaks-over and note reading (no side load).
4. Adjust wrench to required torque setting. Remove end cap.
5. Use a hex key and unlock the setting.
6. Insert the adjusting key. Turn clockwise to increase torque and counter clockwise to decrease torque. Do not adjust torque above or below the recommended torque ranges.
7. Use a hex key and lock the setting.
8. Connect WSTT to setting adapter. Apply a straight pull slowly until wrench breaks-over and note reading (no side load).
9. Once the desired torque is set, tighten end cap back on.



Setting Adapter
Item # 020572

