

WSTT

Weld Stud Test Tool

KEY FEATURES

Designed and manufactured to meet or exceed the accuracy and repeatability requirements of ISO 6789:2003.

- Tools < 10 N.m (\pm 6% of setting): WSTT 10
- Tools > 10 N.m (\pm 4% of setting): WSTT 20

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.

"T" shaped handle for easy operation.

Bi-directional.

Tamper-proof internal adjustment. No external adjustment scale - must be preset using a torque analyzer.

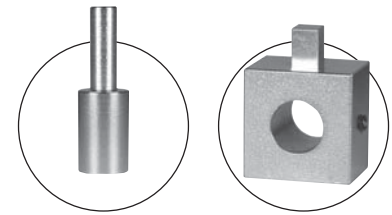
Interchangeable end fittings are available.

Ideal tool for the automotive and appliance industry.



| Model | Item # | Torque Ranges | | |
|---------|--------|---------------|--------|----------|
| | | lbf.in | N.m | kgf.cm |
| WSTT 10 | 020367 | 9 - 89 | 1 - 10 | 10 - 102 |
| WSTT 20 | 020368 | 35 - 177 | 4 - 20 | 41 - 204 |

| Model | Break | Length | | Weight | |
|---------|-------|--------|-----|--------|-----|
| | | in. | mm | oz. | gm. |
| WSTT 10 | 20° | 8.5 | 215 | 4.2 | 120 |
| WSTT 20 | 20° | 12.5 | 320 | 7.8 | 220 |



PIN SETTING ADAPTERS

The system comprises of two components:

1) WSTT Setting Adapter - Item #061461

Adapter with 1/4" male square drive and a pin-mounting hole, which accepts a variety of pin sizes.

2) Select pin size for the End Fitting on the WSTT:

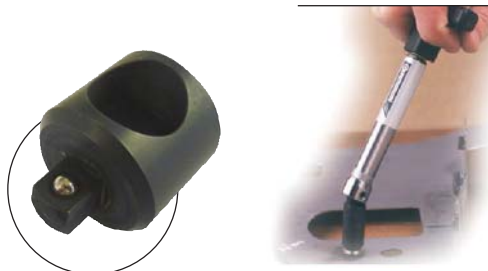
| Item # | Model |
|------------|-------------------------------|
| 061461-44 | Pin for WSTT End Fitting 4-40 |
| 061461-66 | Pin for WSTT End Fitting 6-32 |
| 061461-88 | Pin for WSTT End Fitting 8 |
| 061461-100 | Pin for WSTT End Fitting 10 |
| 061461-250 | Pin for WSTT End Fitting 1/4 |
| 061461-31 | Pin for WSTT End Fitting 5/16 |
| 061461-37 | Pin for WSTT End Fitting 3/8 |

| | |
|-----------|--------------------------------|
| 061461-25 | Pin for WSTT End Fitting 2.5mm |
| 061461-3 | Pin for WSTT End Fitting 3mm |
| 061461-4 | Pin for WSTT End Fitting 4mm |
| 061461-5 | Pin for WSTT End Fitting 5mm |
| 061461-6 | Pin for WSTT End Fitting 6mm |
| 061461-8 | Pin for WSTT End Fitting 8mm |
| 061461-10 | Pin for WSTT End Fitting 10mm |
| 061461-12 | Pin for WSTT End Fitting 12mm |



NOTE!

The pin & blank setting adapters are used for setting the torque of the WSTT with a torque analyzer.



BLANK SETTING ADAPTER

Item #020572

The Setting Adapter features a 3/8" square drive on one side.

GET EASY TEST RESULTS

A simple way to test the shear torque of weld studs. 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.

METRIC END FITTINGS

| Size | Item # for WSTT 10 | Item # for WSTT 20 |
|-----------|--------------------|--------------------|
| M2.5 x 25 | 020550 | - |
| M3 x 50 | 020551 | - |
| M4 x 50 | 020552 | - |
| M5 x 50 | 020553 | 020556 |
| M6 x 50 | 020554 | 020557 |
| M8 x 50 | 020555 | 020558 |
| M10 x 75 | - | 020559 |
| M12 x 75 | - | 020560 |

AMERICAN END FITTINGS

| Size | Item # for WSTT 10 | Item # for WSTT 20 |
|--------------|--------------------|--------------------|
| 4-40 x 1.5" | 020561 | - |
| 6-32 x 2" | 020562 | - |
| 8-32 x 2" | 020563 | - |
| 10-32 x 2.5" | 020564 | 020567 |
| 10-24 x 2.5" | 020565 | 020568 |
| 1/4-20 x 4" | 020566 | 020569 |
| 5/16-18 x 4" | - | 020570 |
| 3/8-16 x 4" | - | 020571 |



Mountz Torque Conversion Calculator

Quickly convert torque measurement from one type of unit measurement to another. Visit www.mountztorque.com/calculator