

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.

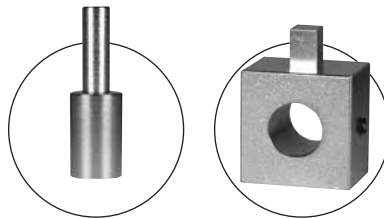
"T" shaped handle for easy operation.

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.



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.

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

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



BLANK SETTING ADAPTER

Item #020572

The Setting Adapter features a 3/8" square drive on one side. The other end features a blank end so you can weld the appropriate weld stud.

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.