



# Insulated

## Torque Wrenches

### KEY FEATURES

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

Tools < 10 N.m (±6% of setting): MTBN 21 & MTBN 101

Tools > 10 N.m are (±4% of setting): TSN & SLO models

For life-threatening high voltage and low voltage electrical assembly applications where over-torque conditions are not tolerated and operator safety is mandatory.

Designed with non-conductive plastic insulation, the torque wrenches provide operators with the proper safety for fastening applications.

Ensure proper torque control and eliminate the possibility of product failure due to shorting, arcing or other electrical damage.

### 1000V Models

The 1000V Insulated torque wrenches are built to protect against voltages up to 1,000 volts making these torque tools ideal for use in electrically live situations for a wide range of industries.

### SLO - EXTERNALLY ADJUSTABLE, CLICK WRENCHES

Model	Item #	Torque Ranges		Sq. Drive	Ratchet Dia.		Length		Weight	
		lbf.in	N.m		in.	mm	in.	mm	lbs.	kg.
SLO1/4I	060398	40 - 180	4 - 20	1/4"	1 1/2	38	8 5/8	220	1.3	0.6
SLO3/8I	060113	40 - 180	4 - 20	3/8"	1 1/2	38	8 5/8	220	1.3	0.6

### TSN - INTERNALLY PRESET, CAM-OVER WRENCHES

Model	Item #	Torque Ranges		Square Drive	Length		Weight
		lbf.ft	N.m		in.	mm	
TSN25DI	020271	2 - 18	3 - 25	1/4"	8 2/3	220	14.1 oz.
TSN25AI	020272	2 - 18	3 - 25	3/8"	8 2/3	220	14.1 oz.
TSN55I	020273	10 - 40	15 - 55	3/8"	13	330	31.8 oz.
TSN125I	020274	30 - 90	40 - 125	1/2"	17 3/4	450	53 oz.

### MTBN - INTERNALLY PRESET, BREAK-OVER WRENCHES

Model	Item #	Torque Ranges		Drive Type	Length		Weight	
		lbf.in	N.m		in.	mm	oz.	gm.
MTBN21	020610	1.8 - 18	0.2 - 2	Captive Pin	5	125	14.1	400
MTBN101	020611	9 - 89	1 - 10	Captive Pin	5	125	14.1	400

### 50V Models

The 50V Insulated torque wrenches are crafted for low voltage applications. Designed for use in uninterrupted power supply and other battery applications where protection up to 50 volts is required.

### TSN - INTERNALLY PRESET, CAM-OVER WRENCHES

Model	Item #	Torque Ranges		Square Drive	Length		Weight	
		lbf.ft	N.m		in.	mm	oz.	kg.
TSN25DI	020612	2 - 18	3 - 25	1/4"	8 2/3	220	14.1	0.4
TSN25AI	020613	2 - 18	3 - 25	3/8"	8 2/3	220	14.1	0.4

### MTBN - INTERNALLY PRESET, BREAK-OVER WRENCHES

Model	Item #	Torque Ranges		Sq. Drive	Length		Weight	
		lbf.in	N.m		in.	mm	oz.	gm.
MTBN21	020592	1.8 - 18	0.2 - 2	1/4"	4 1/8	105	6	170
MTBN101	020593	9 - 89	1 - 10	1/4"	4 1/8	105	6	170

### NOTE!

Meets IEC900 Standards.

When ordering the TSN and MTBN models, the preset torque value must be provided.