

# MTBN

## Break-Over Torque Wrench Internally Preset

### 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 2 & MTBN 10
- Tools > 10 N.m (± 4% of setting): MTBN 25, MTBN 65 & MTBN 135

A preset production torque wrench. Breaks over upon reaching preset torque and reset automatically.

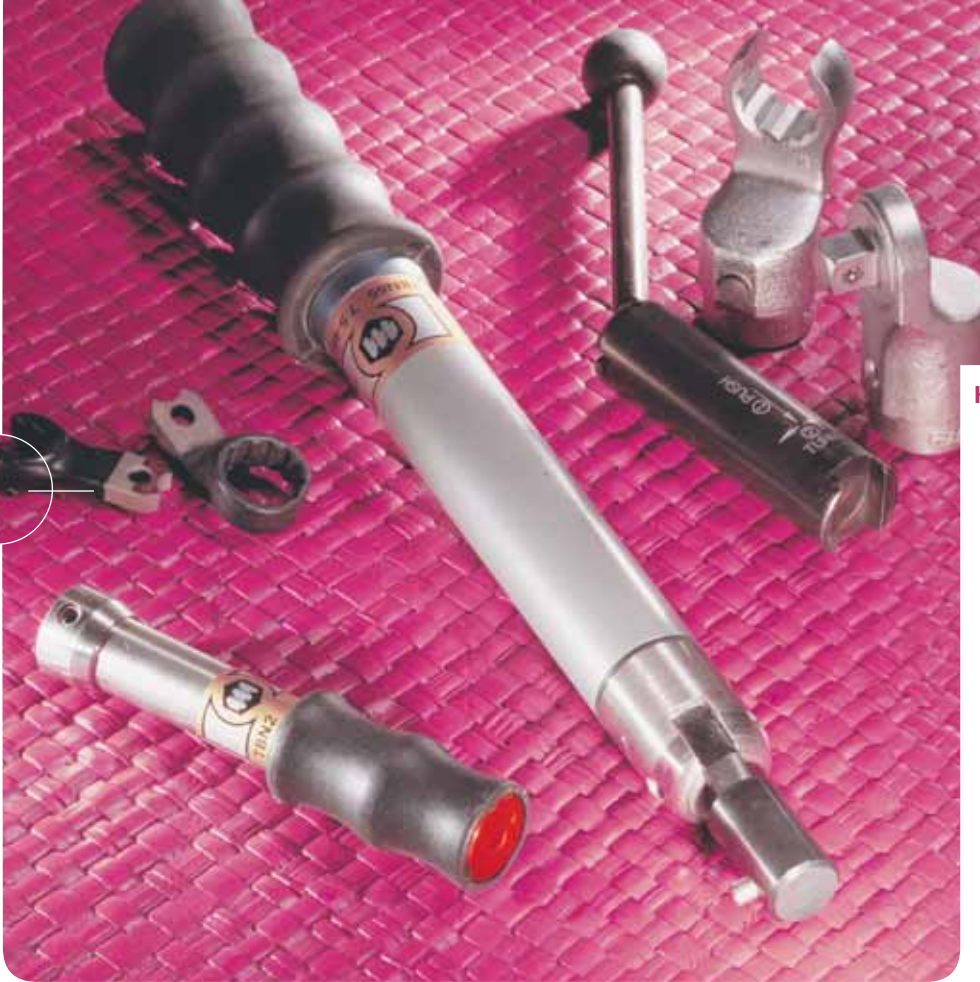
Tamper proof internal adjustment. No external adjustment scale – must be preset using a torque analyzer.

All models are fitted with “double positive” torque adjustment locking system to prevent tampering.

Compact and well balanced. Ideal for use in restricted areas.

Interchangeable end fittings for all models are available. Interchangeable heads on page 03.23

ESD compliant (IEC 61340-5-1:1998).



Model	Item #	Torque Ranges			Drive Type	Length		Weight		Break
		lbf.in	N.m	kgf.cm		in.	mm	oz.	gm.	
MTBN2	020314	1.8 - 18	0.2 - 2	2 - 20	Captive Pin	4.1	105	3.9	110	20° or 90°
MTBN10	020315	9 - 89	1 - 10	10 - 102	Captive Pin	4.1	105	4.6	130	20° or 90°
MTBN25*	020491	44 - 221	5 - 25	51 - 255	16mm Spigot	10.4	265	14.3	405	20°
MTBN25*	020333	44 - 221	5 - 25	51 - 255	Dovetail	10.4	265	14.3	405	20°
MTBN65*	020631	89 - 575	10 - 65	102 - 663	16mm Spigot	11.9	302	26.5	750	20°
MTBN65*	020353	89 - 575	10 - 65	102 - 663	Dovetail	11.9	302	26.5	750	20°
MTBN135*	020632	177 - 1194	20 - 135	204 - 1377	16mm Spigot	16.1	408	36.4	1030	20°
MTBN135*	020354	177 - 1194	20 - 135	204 - 1377	Dovetail	16.1	408	36.4	1030	20°

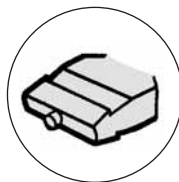
\*Models operate in single direction (clockwise).



### HANGING LOOP

Replace end cap of MTBN with a “Loop” end cap for hanging the wrench safely when it is not being used. Sold separately.

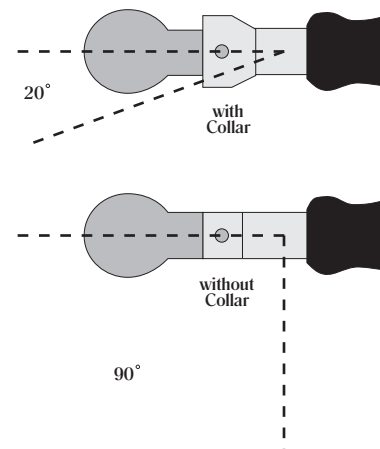
Model	Item #
MTBN2	020587
MTBN10	020587
MTBN25	020588
MTBN65	020589
MTBN135	020589



### DOVETAIL END FITTINGS

Can be used with Sturtevant Richmond heads.

### BREAK DIAGRAMS



MTBN2 and MTBN10 are supplied with a removable collar, which restricts the “break” angle to 20°. If the collar is removed, the “break” angle increases to 90°.

### NOTE!

For Signal Output (Electric Signal) and TALS (RF Transceiver) models see page 03.18.