

MTBN

Break-Over Torque Wrench Internally Preset



Model	Item #	Torque Ranges		
		lbf.in	N.m	kgf.cm
MTBN2	020314	1.8 - 18	0.2 - 2	2 - 20
MTBN10	020315	9 - 89	1 - 10	10 - 102
MTBN25*	020491	44 - 221	5 - 25	51 - 255
MTBN65*	020631	89 - 575	10 - 65	102 - 663
MTBN135*	020632	177 - 1195	20 - 135	204 - 1377

*Models operate in single direction (clockwise).

Model	Length		Weight		Break
	in.	mm	oz.	gn.	
MTBN2	4.1	105	3.9	110	20° or 90°
MTBN10	4.1	105	4.6	130	20° or 90°
MTBN25*	10.4	265	16.6	415	20°
MTBN65*	11.9	302	26.5	750	20°
MTBN135*	16.1	408	37.2	1050	20°

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): MTBN 2 & MTBN 10
- Tools > 10 N.m (\pm 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.

MTBN 2 & 10 are fitted with "double positive" torque adjustment locking system to prevent tampering.

MTBN 25, 65 & 135 feature the new mechanical torque adjustment locking device (M-TALD). An auto locking single key operation prevents tampering.

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

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

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



HANGING LOOP

Replace end cap of MTBN with a "Loop" end cap for hanging the wrench safely when it's not being used. Made with anodized aluminum and a stainless steel folding loop. Sold separately.

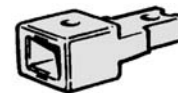
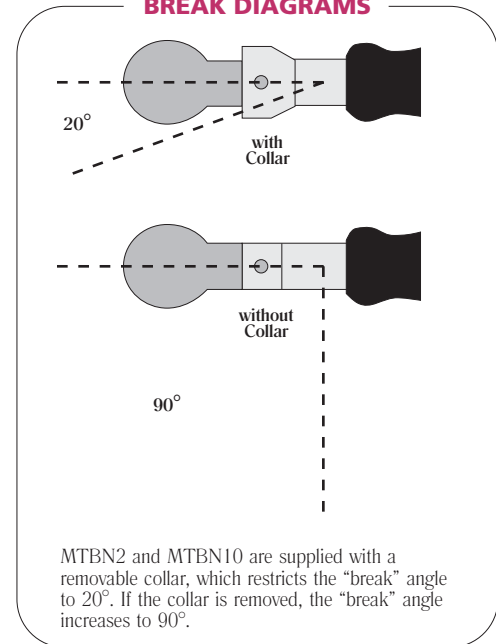
Model	Item #
MTBN2	020459
MTBN10	020459
MTBN25	020485
MTBN65	020460
MTBN135	020460



EASY TORQUE ADJUSTMENT

Tamper-proof internal adjustment. No external adjustment scale - must be preset using a torque analyzer. The M-TALD system (shown) is used for the MTBN 25, 65 & 135 models.

BREAK DIAGRAMS



GERMAN 9x12 END FITTINGS

Model	Item #
MTBN25	020336
MTBN65	020337
MTBN135	020343



DOVETAIL END FITTINGS

Model	Item #
MTBN25	020333
MTBN65	020353
MTBN135	020354

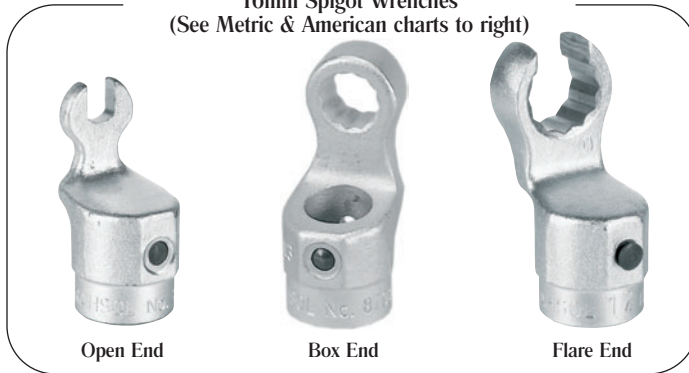
Can be used with Sturtevant Richmond heads.

Interchangeable Heads

Heads for MTBN2, MTBN10
(See Metric & American charts to right)



Heads for MTBN25, MTBN65, MTBN135,
16mm Spigot Wrenches
(See Metric & American charts to right)



Special Heads for MTBN2, MTBN10



Special Heads for
MTBN25, MTBN65, MTBN135, 16mm Spigot Wrenches



METRIC HEADS

Size mm	For MTBN2, MTBN10			For MTBN25, MTBN65, MTBN135, 16mm Spigot Wrenches		
	Open End	Box End	Flare End	Open End	Box End	Flare End
3.2	022000	022250	-	-	-	-
4	-	022255	-	-	-	-
5	020429	020528	-	-	-	-
5.5	022015	022265	-	-	-	-
6	020430	022270	-	-	-	-
7	022025	022275	-	040407	040476	040530
8	020427	022280	022505	040410	040426	040528
9	022035	022285	022510	040411	040427	040533
10	020508	022290	022515	040412	040428	040444
11	022045	022295	022520	040413	040429	040445
12	020431	022300	022525	040414	040430	040446
13	022055	022305	022530	040415	040431	040447
14	020428	022310	022535	040416	040432	040448
15	020432	022315	022540	040417	040433	040449
16	022070	022320	022545	040105	040434	040450
17	022075	022325	022550	040106	040435	040451
18	022080	022330	-	040418	040436	040452
19	022085	022335	022555	040419	040437	040229
20	022090	022340	-	040420	040438	040453
21	022095	022345	022222	040421	040439	040454
22	022100	022350	022560	040422	040440	040455
23	022105	022355	020496	040423	040441	040456
24	022110	022360	022565	040424	040442	040457
25	022115	022365	-	040425	040443	-
26	-	-	-	040409	-	-
27	-	-	-	040110	040478	040555
30	-	-	-	040650	-	-
32	-	-	-	040107	-	-

Item #

AMERICAN HEADS

Size inches	For MTBN2, MTBN10			For MTBN25, MTBN65, MTBN135, 16mm Spigot Wrenches		
	Open End	Box End	Flare End	Open End	Box End	Flare End
5/32	020415	022400	-	-	-	-
3/16	020411	020405	-	-	-	-
7/32	020414	022410	-	-	-	-
1/4	020401	020396	022600	040047	040056	-
5/16	020402	020424	020426	040048	040057	040750
3/8	020403	022425	020420	040072	040058	040041
7/16	020407	020422	020419	040049	040059	040042
1/2	020408	020421	022620	040050	040060	040043
9/16	020404	022440	022625	040051	040061	040044
5/8	020409	020417	020463	040052	040062	040045
11/16	020418	021116	-	040053	040063	040310
3/4	020397	022455	022635	040054	040064	040071
13/16	022225	022460	-	040304	040065	040301
7/8	020423	022465	022640	040073	040066	040311
15/16	020425	022470	-	040055	040307	040312
1	020410	022475	022645	040305	040067	040313
1 1/16	-	-	-	040306	040308	040314
1 1/8	-	-	-	040327	069712	040326
1 3/16	-	-	-	040716	-	040651
1 1/4	-	-	-	040315	049742	040309
1 5/16	-	-	-	060375	-	-
1 1/2	-	-	-	065433	-	-

Item #