

# Utica® “Click” Type Torque Sensing Wrenches

## Interchangeable Head “A” Size Series



- Drive Sizes: 1/4" through 3/4"
- Accept variety of heads to suit specific application requirements.
- Common center principal allows simple exchange or replacement of heads without need for recalibration.
- Choice of micrometer adjustable or single setting (preset) models.
- Accuracy is  $\pm 4\%$  of setting right hand and  $\pm 6\%$  of setting left hand within upper 80% of scale.

### Micrometer Adjustable Wrench – “A” Size

Model No.	Range		Graduations		Length		Weight	
	in.-lb.	Nm	in.-lb.	Nm	in.	mm	lb.	kg
CH-150	30-150	3.4-17	1.0	.113	9	228.6	1.0	0.5

If calibration certification is required, request at time of purchase.

### Single Setting (Preset) Wrench – “A” Size\*

Model No.	Range				Length		Weight	
	Nm	in.-lb.	ft.-lb.	cm-kg	in.	mm	lb.	kg
CHA-11	1.1-11	10-100	.8-8	11-115	5.75	146.1	0.3	0.1
CHA-23	2.3-23	20-200	1.7-17	23-230	7.75	196.9	0.4	0.2

\*See page 1 for description of model change.

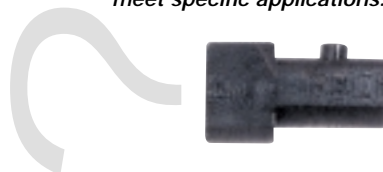
If calibration certification is required, request at time of purchase.

**NOTE:** Single setting wrenches do not have a scale and must be set on torque tester.  
When ordering these preset tools, specify desired torque setting.



Head changes are quick and easy without the need for recalibration.

The 28522 head adapter allows you to weld on custom heads to meet specific applications.



CH-150

CHA-23



# Utica® "Click" Type Torque Sensing Wrenches

"A" Size Interchangeable Heads



Open End U.S. Standard "A"

Opening Size	Part No.	Maximum Torque Load		
		in.-lb.	ft.-lb.	Nm
1/8	OP 42	20	1.7	2.3
5/32	OP 52	35	2.9	4.0
3/16	OP 62	45	3.8	5.1
7/32	OP 72	50	4.2	5.6
1/4	OP 82	67	5.6	7.6
5/16	OP 102	138	12	16
11/32	OP 112	193	16	22
3/8	OP 122	275	23	31
7/16	OP 142	410	34	46
1/2	OP 162	420	35	48
9/16	OP 182	420	35	48
5/8	OP 202	420	35	48
11/16	OP 222	420	35	48
3/4	OP 242	420	35	48

Open End Metric "A"

Opening Size	Part No.	Maximum Torque Load		
		in.-lb.	ft.-lb.	Nm
6mm	MO 62	62	5.1	7
7mm	MO 72	71	5.9	8
8mm	MO 82	133	11	15
9mm	MO 92	186	16	21
10mm	MO 102	274	23	31
11mm	MO 112	410	34	46
12mm	MO 122	420	35	48
13mm	MO 132	420	35	48
14mm	MO 142	420	35	48
15mm	MO 152	420	35	48



Plain Square Drive "A"

Drive Size (in.)	Part No.
1/4	PS 82
3/8	PS 122



Ratcheting Square Drive "A"

Drive Size (in.)	Part No.
1/4	RS 82
3/8	RS 122



12 Point Box U.S. Standard "A"

Opening Size	Part No.	Maximum Torque Load		
		in.-lb.	ft.-lb.	Nm
7/32	LB 72	50	4.0	5.6
1/4	LB 82	67	5.6	7.6
5/16	LB 102	138	12	7.6
3/8	LB 122	275	23	31
7/16	LB 142	410	34	46
1/2	LB 162	420	35	48
9/16	LB 182	420	35	48
5/8	LB 202	420	35	48
11/16	LB 222	420	35	48
3/4	LB 242	420	35	48

12 Point Box Metric "A"

Opening Size	Part No.	Maximum Torque Load		
		in.-lb.	ft.-lb.	Nm
6mm	MB 62	62	5.2	7
7mm	MB 72	71	5.9	8
8mm	MB 82	133	11	15
9mm	MB 92	186	15	21
10mm	MB 102	274	23	31
11mm	MB 112	410	34	46
12mm	MB 122	420	35	48
13mm	MB 132	420	35	48
14mm	MB 142	420	35	48
15mm	MB 152	420	35	48



SAE Size Sockets

Part No.	Square Dr. (in.)	Hex Opening (in.)
1108	1/4	1/4
1110	1/4	5/16
1112	1/4	3/8
1114	1/4	7/16
3108	3/8	1/4
3110	3/8	5/16
3112	3/8	3/8
3114	3/8	7/16
3116	3/8	1/2
3118	3/8	9/16
3120	3/8	5/8

Metric Size Sockets

Part No.	Square Dr. (in.)	Hex Opening (mm)
6mm11	1/4	6mm
7mm11	1/4	7mm
8mm11	1/4	8mm
10mm11	1/4	10mm
10mm13	3/8	10mm
11mm13	3/8	11mm
12mm13	3/8	12mm
13mm13	3/8	13mm
14mm13	3/8	14mm
15mm13	3/8	15mm
16mm13	3/8	16mm



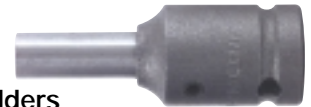
12 Point Flare Nut U.S. Standard "A"

Opening Size	Part No.	Maximum Torque Load		
		in.-lb.	ft.-lb.	Nm
3/8	LF 122	130	11	15
7/16	LF 142	140	12	16
1/2	LF 162	200	17	23
9/16	LF 182	275	23	31
5/8	LF 202	325	27	37
11/16	LF 222	396	33	45
3/4	LF 242	420	35	48



Hex Keys U.S. Standard "A"

Hex Key Size	Part No.	Maximum Torque Load		
		in.-lb.	ft.-lb.	Nm
1/16	HX 42	8	0.6	0.9
5/64	HX 52	16	1.3	1.8
3/32	HX 62	28	2.3	3.2
7/64	HX 72	44	3.6	5
1/8	HX 82	65	5.4	7.3
9/64	HX 92	95	7.9	11
5/32	HX 102	128	11	14
3/16	HX 122	222	18	25
7/32	HX 142	350	29	40
1/4	HX 162	420	35	48



Bit Holders

Part No.	Square Drive (in.)	Female Hex (in.)
825	1/4	1/4
M-825	1/4	1/4 Magnetic
838	3/8	1/4
M-838	3/8	1/4 Magnetic



Adapters

Part No.	Female Square Drive (in.)	Male Square Drive (in.)
EX-372	1/4	3/8
EX-254	3/8	1/4
EX-503	3/8	1/2

Head Adapter "A"

Weld custom heads to adapters to couple with "A" handles.



Refer to page 4 for description of Rapid Select.

**NOTES:** 1. "A" series drive heads are not interchangeable with "B" series heads.  
2. Utica torque heads when used with Utica torque wrenches, meet the accuracy statements for Utica wrenches. We cannot guarantee accuracy when other manufacturers heads or wrenches are interchanged with a Utica part.

# Utica® “Click” Type Torque Sensing Wrenches

## Interchangeable Head “B” Size Series



- Designed for higher torque applications than “A” size series.
- Accept a variety of head configurations to suit many fastener requirements.
- Common center principal allows simple exchange or replacement of heads without need for recalibration.
- Choice of micrometer adjustable or single setting (preset) models with same “click” action and features as “A” series wrenches.
- Accuracy is  $\pm 4\%$  of setting right hand and  $\pm 6\%$  of setting left hand within upper 80% of scale.

### Micrometer Adjustable Wrench – “B” Size

Model No.	Range		Graduations		Length		Weight	
	ft.-lb.	Nm	ft.-lb.	Nm	in.	mm	lb.	kg
CH-75F	15-75	23.7-105.1	0.5	0.7	14	355.6	2.0	0.9
CH-150F	30-150	47.4-210.1	1.0	1.4	17.125	435.0	2.5	1.1

### Single Setting (Preset) Wrench – “B” Size\*

Model No.	Range				Length		Weight	
	Nm	in.-lb.	ft.-lb.	m-kg	in.	mm	lb.	kg
CHB-55	5-55	50-500	4-40	.5-5.5	8.25	209.6	1.0	0.4
CHB-85	8-85	75-750	6-60	1.0-8	10.5	266.7	1.3	0.6
CHB-110	11-110	100-1000	8-80	1.0-11	12.5	317.5	1.5	0.7
CHB-170	17-170	150-1500	12-125	2.0-17	14.25	362.0	1.7	0.8
CHB-225	22-225	200-2000	16-166	3.0-23	16.25	412.8	1.9	0.9

\*See page 1 for description of model change.

If calibration certification is required, request at time of purchase.

**NOTE:** Single setting wrenches do not have a scale and must be set on torque tester.

*When ordering these preset tools, specify desired torque setting.*



# Utica® "Click" Type Torque Sensing Wrenches

## "B" Size Interchangeable Heads



**LF 244**  
12 Point Flare Nut U.S. Standard "B"

Opening Size	Part No.	Maximum Torque Load		
		in.-lb.	ft.-lb.	Nm
1/2	LF 164	200	17	23
9/16	LF 184	275	23	31
5/8	LF 204	325	27	37
11/16	LF 224	396	33	45
3/4	LF 244	500	42	56
7/8	LF 284	800	67	90
1	LF 324	1000	83	113
1 1/8	LF 364	1000	83	113



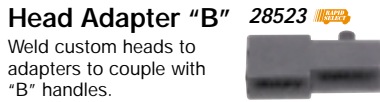
**MO 224**  
Open End U.S. Standard "B"

Opening Size	Part No.	Maximum Torque Load		
		in.-lb.	ft.-lb.	Nm
1/2	OP 164	550	46	62
9/16	OP 184	770	64	87
5/8	OP 204	1100	92	124
11/16	OP 224	1375	115	155
3/4	OP 244	1650	138	186
13/16	OP 264	2100	175	237
7/8	OP 284	2100	175	237
15/16	OP 304	2100	175	237
1	OP 324	2100	175	237
1 1/16	OP 344	2100	175	237
1 1/8	OP 364	2100	175	237
1 3/16	OP 384	2100	175	237
1 1/4	OP 404	2100	175	237



**MB 224**  
12 Point Box U.S. Standard "B"

Opening Size	Part No.	Maximum Torque Load		
		in.-lb.	ft.-lb.	Nm
1/2	LB 164	550	46	62
9/16	LB 184	770	64	87
5/8	LB 204	1100	92	124
11/16	LB 224	1375	115	155
3/4	LB 244	1650	138	186
13/16	LB 264	2100	175	237
7/8	LB 284	2100	175	237
15/16	LB 304	2100	175	237
1	LB 324	2100	175	237
1 1/16	LB 344	2100	175	237
1 1/8	LB 364	2100	175	237



**Head Adapter "B"** 28523

Weld custom heads to adapters to couple with "B" handles.



**RS 124**  
Ratcheting Square Drive "B"

Drive Size (in.)	Part No.
3/8	RS 124
1/2	RS 164



**SAE Size Sockets**

Part No.	Square Dr. (in.)	Hex Opening (in.)
3108	3/8	1/4
3110	3/8	5/16
3112	3/8	3/8
3114	3/8	7/16
3116	3/8	1/2
3118	3/8	9/16
3120	3/8	5/8
5110	1/2	5/16
5112	1/2	3/8
5114	1/2	7/16
5116	1/2	1/2
5118	1/2	9/16
5120	1/2	5/8
5122	1/2	11/16
5124	1/2	3/4
7120	3/4	5/8
7124	3/4	3/4
7128	3/4	7/8
7130	3/4	15/16
7132	3/4	1

**Open End Metric "B"**

Opening Size	Part No.	Maximum Torque Load		
		in.-lb.	ft.-lb.	Nm
12mm	MO 124	434	36	49
13mm	MO 134	549	46	62
14mm	MO 144	761	63	86
15mm	MO 154	920	77	104
16mm	MO 164	1097	92	124
17mm	MO 174	1230	103	139
18mm	MO 184	1372	114	155
19mm	MO 194	1646	137	186
20mm	MO 204	1921	160	217
22mm	MO 224	2100	175	237

**Metric Size Sockets**

Part No.	Square Dr. (in.)	Hex Opening (mm)
10mm13	3/8	10mm
11mm13	3/8	11mm
12mm13	3/8	12mm
13mm13	3/8	13mm
14mm13	3/8	14mm
15mm13	3/8	15mm
16mm13	3/8	16mm
13mm15	1/2	13mm
14mm15	1/2	14mm
15mm15	1/2	15mm
16mm15	1/2	16mm
17mm15	1/2	17mm
18mm15	1/2	18mm
19mm15	1/2	19mm
21mm15	1/2	21mm
19mm17	3/4	19mm
21mm17	3/4	21mm
22mm17	3/4	22mm
24mm17	3/4	24mm
30mm17	3/4	30mm

**12 Point Box Metric "B"**

Opening Size	Part No.	Maximum Torque Load		
		in.-lb.	ft.-lb.	Nm
12mm	MB 124	434	36	49
13mm	MB 134	549	46	62
14mm	MB 144	761	63	86
15mm	MB 154	920	77	104
16mm	MB 164	1097	92	124
17mm	MB 174	1230	103	139
18mm	MB 184	1372	114	155
19mm	MB 194	1646	137	186
20mm	MB 204	1921	160	217
22mm	MB 224	2100	175	237

**Bit Holders**

Part No.	Square Drive (in.)	Female Hex (in.)	
	825	1/4	1/4
M-825	1/4	1/4	Magnetic
838	3/8	1/4	
M-838	3/8	1/4	Magnetic
858	1/2	1/4	
M-858	1/2	1/4	Magnetic

**Adapters**

Part No.	Female Square Drive (in.)	Male Square Drive (in.)
	EX-254	3/8
EX-503	3/8	1/2
EX-375	1/2	3/8
EX-623	1/2	5/8
EX-751	1/2	3/4

Refer to page 4 for description of Rapid Select.

**NOTES:** 1. "A" series drive heads are not interchangeable with "B" series heads.  
2. Utica torque heads when used with Utica torque wrenches, meet the accuracy statements for Utica wrenches. We cannot guarantee accuracy when other manufacturers heads or wrenches are interchanged with a Utica part.