

“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.
- Calibration certificate can be requested when ordering.

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

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

Model No.	Range				Length		Weight	
	Nm	in.-lb.	ft.-lb.	cm-kg	in.	mm	lb.	kg
CHA-6	1.2–6	10.6–53	0.9–4.4	12.2–61.2	5.32	135.0	0.17	0.075
CHA-11	2.2–11	19.5–97.3	1.6–8.1	22.4–112.2	5.75	146.1	0.3	0.1
CHA-23	4.6–23	40.7–203.4	3.4–17	46.9–234.6	7.75	196.9	0.4	0.2

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.

CH-150

CHA-23



"Click" Type Torque Sensing Wrenches

"A" Size Interchangeable Heads

APEX
Utica®



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
9/32	OP 92	78	6.5	8.8
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

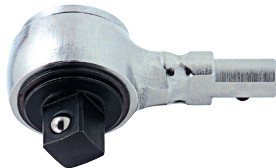
Open End Metric "A"

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	Part No.	Maximum Torque Load		
		in.-lb.	ft.-lb.	Nm
1/4	PS 82	203.41	16.95	23
3/8	PS 122	203.41	16.95	23



Ratcheting Square Drive "A"

Drive Size	Part No.	Maximum Torque Load		
		in.-lb.	ft.-lb.	Nm
1/4	RS 82	203.41	16.95	23
3/8	RS 182	203.41	16.95	23

Ratchet Repair Kits

Part No.	Repair Kit
RS 82	V702KR
RS 182	V152KR



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	16
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 Drive (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

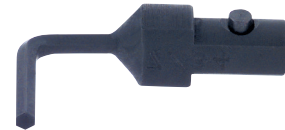
Metric Size Sockets

Part No.	Square Drive (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



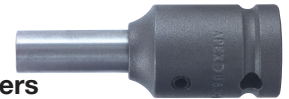
Flare Nut U.S. Standard "A"

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	5.0
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

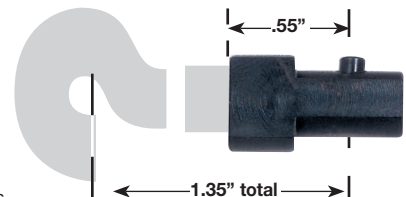


Adapters

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" 28522

Weld custom heads to adapters to couple with "A" handles to meet specific applications.



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.