

 TORQUE WRENCH
Professional & Industrial



Torque & Angle Controlled Digital Torque Wrench

Features

Standard type:

- Torque accuracy: $\pm 2\%$ CW and $\pm 3\%$ CCW torque accuracy within the wrench scale range from 20%
- Multi-functional: (1) peak torque. (2) easily program torque value warning tolerance.
(3) Ten torque setting presets for commonly recurring applications.
- 3 signals alert: Buzzer, vibration and LCD display backlight with green, red light to alert user.

Angle measuring type:

- Torque accuracy: $\pm 2\%$ CW and $\pm 3\%$ CCW torque accuracy within the wrench scale range from 20%
- Angle Accuracy : ($\pm 1\%$ of reading) + ($\pm 1^\circ$ @ angular velocity $10^\circ/\text{sec}$ to $180^\circ/\text{sec}$) + ($\pm 1^\circ$ of test fixture)
- Angle range: 5–999°
- Multi-functional: (1) peak torque. (2) angle. (3) track. (4) easily program torque value warning tolerance.
(5) storage for up to 100 sets of torque test data. (6) one step mode for torque then angle measurement.
(7) Ten torque setting presets for commonly recurring applications.
- 3 signals alert: Buzzer, vibration and LCD display backlight with green, red light to alert user.

Extended battery life

120 hours continuous operation.
(Not including 2*AA batteries)

5 measurement units

N.m, lb-ft, lb-in, kg-cm, and kg-m.

Big backlight 2.5" LCD Screen

Easy torque reading, reducing misunderstandings.

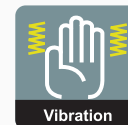
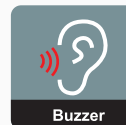
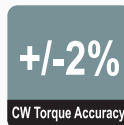
Alternately Green / Red flash & Alarm:
close to target torque / angle

Red flash & Alarm:
reach target torque / angle

Test torque both ways
Clockwise and counterclockwise.

Interchangeable Head Torque Wrench

Multiple torque wrench heads can be replaced to suit different work needs.
(Torque wrench head is not included)



Model No.	Square Drive (inch) / Insert Size (mm)	Teeth	Torque					Overall Length		Net Weight		Ctn (Pcs)
			N.m	lb-ft	lb-in	kg-cm	kg-m	mm	inch	kgs	lbs	
Digital Torque Wrench												
TWD-4103-135	3/8"	72T	13.5 - 135	9.96 - 99.57	119.48 - 1194.75	138 - 1377	1.38 - 13.77	428 x 52 x 30	16-6/7 x 2 x 1-1/6	0.883	1.95	6
TWD-4104-340	1/2"	72T	34 - 340	25.08 - 250.77	300.9 - 3009	347 - 3467	3.47 - 34.67	630 x 52 x 38	24-4/5 x 2 x 1-1/2	1.278	2.82	8
Digital Torque Wrench with Angle Measuring												
TWD-4113-135	3/8"	72T	13.5 - 135	9.96 - 99.57	119.48 - 1194.75	138 - 1377	1.38 - 13.77	428 x 52 x 30	16-6/7 x 2 x 1-1/6	0.883	1.95	6
TWD-4114-340	1/2"	72T	34 - 340	25.08 - 250.77	300.9 - 3009	347 - 3467	3.47 - 34.67	630 x 52 x 38	24-4/5 x 2 x 1-1/2	1.278	2.82	8
Interchangeable Digital Torque Wrench												
TWD-4123-135	9 x 12 mm	72T	13.5 - 135	9.96 - 99.57	119.48 - 1194.75	138 - 1377	1.38 - 13.77	361 x 52 x 30	14-1/5 x 2 x 1-1/6	0.777	1.71	6
TWD-4124-340	14 x 18 mm	72T	34 - 340	25.08 - 250.77	300.9 - 3009	347 - 3467	3.47 - 34.67	586 x 52 x 30	23 x 2 x 1-1/6	1.060	2.34	8
Interchangeable Digital Torque Wrench with Angle Measuring												
TWD-4133-135	9 x 12 mm	72T	13.5 - 135	9.96 - 99.57	119.48 - 1194.75	138 - 1377	1.38 - 13.77	361 x 52 x 30	14-1/5 x 2 x 1-1/6	0.777	1.71	6
TWD-4134-340	14 x 18 mm	72T	34 - 340	25.08 - 250.77	300.9 - 3009	347 - 3467	3.47 - 34.67	586 x 52 x 30	23 x 2 x 1-1/6	1.060	2.34	8

Torque & Angle Controlled Digital Torque Wrench with Bluetooth

Application

- Apply for tightening nut. (machine, vehicle, motorcycle, aviation, bike.... etc.)
- Tightening operations necessitating precise torque and angle management.
- Detects issues like missing spring washer and excessive torque caused by incomplete rotations during tightening.
- Detects two rounds of tightening to prevent error.

Features

- Torque accuracy: $\pm 2\%$ (CW) $\pm 3\%$ (CCW)
- Angle accuracy: $\pm 2\%$ (rotating 90° at a speed of $30^\circ/\text{sec}$)
- Built-in Bluetooth® module, wirelessly and instantly transmits torque and angle data values, while continuously monitoring the data in real-time.
- Pass/fail assessments of torque and angle during tightening.
- Easily transfer data to Excel for computer data management.
- Reducing the occurrence of tightening defects.
- Easy to set up peak or track mode.
- Min.Angle: 1° , Max. Angle: 999° , Setting Range: $1^\circ \sim 360^\circ$
- 999 data set of memory capacity.



LED indicator for torque and angle detection

- When the torque and angle reach 80%~99.5% of the target value, LED indicators light up in sequence, and the buzzer volume increases.
- Up to 9 preset torque values.

Specification :

Model No.	Square Drive (inch)	Teeth	Torque				Overall Length		Net Weight		Ctn (Pcs)
			N-m	ft-lb	in-lb	kg-cm	mm	inch	kgs	lbs	
TWD-6022-030	1/4	36T	1.5-30	1.11-22.12	13.3-265.5	15.3-306.1	390	15-1/3	0.76	1.68	6
TWD-6023-060	3/8	36T	3-60	2.21-44.24	26.5-530.9	30.6-612.2	415	16-1/3	0.94	2.07	6
TWD-6023-135	3/8	36T	6.8-135	5.0-99.5	60-1195	69-1378	415	16-1/3	0.94	2.07	6
TWD-6024-135	1/2	36T	6.8-135	5.0-99.5	60-1195	69-1378	415	16-1/3	0.96	2.12	6
TWD-6024-200	1/2	36T	10-200	7.4-147.5	88-1770	102-2041	530	20-6/7	1.34	2.95	6
TWD-6024-340	1/2	36T	17-340	12.5-250.7	150-3009	173-3469	650	25-3/5	1.54	3.40	6

Window Scale Torque Wrench

Features:

- Easy-to-read dual scale N-m and lbf-ft below a window.
- Adjustable torque wrench with square drive for controlled bi-directional tightening.
- Additional micrometer scale for setting interim value.
- Loud click sound and strong impulse when required torque is reached.
- Ergonomically shaped and convenient plastic handle grip.
- Lock button securely locks torque setting.
- Quality meets DIN ISO 6789 & ASME B107.300-2010.
- Tolerance of torque $\pm 3\%$.



Model No.	Square Drive (inch)	Teeth	Torque		Graduation	Overall Length		Net Weight		Ctn (pcs)
			N-m	lbf-ft		mm	in	kgs	lbs	
TW-252025NF	1/4	24T	2-25	1.5-18	0.1	300	11.8	0.42	0.93	24
TW-253050NF	3/8	32T	5-50	3.5-37	0.25	333	13.1	0.47	1.04	24
TW-254100NF	1/2	32T	10-100	8-75	0.5	400	15.7	0.83	1.83	12
TW-254200NF	1/2	32T	20-200	10-150	1	500	19.7	1.30	2.87	12
TW-254340NF	1/2	32T	60-300	45-220	1	635	25.0	1.47	3.42	12

Interchangeable Type

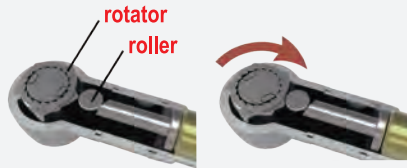
Model No.	Insert Size (mm)	Torque		Graduation	Overall Length		Net Weight		Ctn (pcs)
		N-m	lbf-ft		mm	in	kgs	lbs	
TW-2710-025NF	9x12	2-25	1.5-18	0.1	290	11.4	0.44	0.97	24
TW-2710-050NF	9x12	5-50	3.5-37	0.25	340	13.4	0.53	1.16	24
TW-2710-100NF	9x12	10~100	8~75	0.5	410	16.1	1.03	2.27	24
TW-2720-100NF	14x18	10~100	8~75	0.5	440	17.3	1.05	2.31	12
TW-2720-200NF	14x18	20~200	10-150	1	510	20.0	1.23	2.71	12
TW-2720-300NF	14x18	60~300	45-220	1	597	23.5	1.40	3.08	12
TW-2720-600NF	14x18	100~600	75-440	2	980	38.6	3.89	8.58	2
TW-2720-800NF	14x18	150~800	110-590	5	1060	41.7	4.30	9.48	2
TW-2720-1000NF	14x18	20~1000	150-740	5	1060	41.7	4.30	9.48	2

Adjustable Slipping Torque Wrench

Application

- With 36T/48T ratchet-function for controlled clockwise direction.
- Tolerance of torque $\pm 4\%$. (5-25Nm, 10-60Nm, 25-100Nm)
- Tolerance of torque $\pm 6\%$. (1-5Nm, 2-10Nm)
- Additional micrometer scale for setting interim value.
- Adjustable tool in a wide torque range of applications.
- Quality meets DIN ISO 6789 & ASME B107.300-2010.

Unique continuous slipping mechanism
eliminates the risk of over tightening.



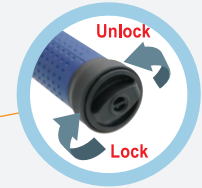
When the torque value is achieved, the mechanism slips through over the roller and automatic resetting.

Two torque units(N-m & lbf-ft) for easy scale reading through window.



Torque adjustment

Easy torque adjusting design, ergonomically shaped and convenient plastic handle grip.



Easy lock and adjustment

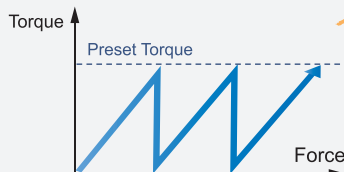
Locking button enables reliable locking of the torque setting.

Model No.	Square Drive (inch)	Teeth	Torque		Graduation	Overall Length		Net Weight		Ctn (Pcs)
			N-m	lbf-ft		mm	inch	kgs	lbs	
TW-162005NF	1/4	36T	1-5	0.7-3.7	0.05	260	10-1/4	0.52	1.15	24
TW-162010NF	1/4	36T	2-10	1.5-7.4	0.1	260	10-1/4	0.52	1.15	24
TW-162025NF	1/4	36T	5-25	3.5-18	0.1	320	12-3/5	0.59	1.30	24
TW-163025NF	3/8	36T	5-25	3.5-18	0.1	320	12-3/5	0.59	1.30	24
TW-163060NF	3/8	48T	10-60	8-44	0.25	355	14	0.655	1.44	24
TW-163100NF	3/8	48T	25-100	18-75	0.5	475	18-5/7	1.43	3.15	12
TW-164060NF	1/2	48T	10-60	8-44	0.25	355	14	0.655	1.44	24
TW-164100NF	1/2	48T	25-100	18-75	0.5	475	18-5/7	1.43	3.15	12

Model No.	Square Drive (inch)	Teeth	Torque		Graduation	Overall Length		Net Weight		Ctn (Pcs)
			lbf-ft(lbf-in)	N-m		mm	inch	kgs	lbs	
TW-162004FN	1/4	36T	10-45	1.5-5	0.5	260	10-1/4	0.52	1.15	24
TW-162009FN	1/4	36T	20-90	2.5-10	1	260	10-1/4	0.52	1.15	24
TW-162022FN	1/4	36T	50-220	6-25	1	320	12-3/5	0.59	1.30	24
TW-163022FN	3/8	36T	50-220	6-25	1	320	12-3/5	0.59	1.30	24
TW-163042FN	3/8	48T	8-42	10-56	2	355	14	0.655	1.44	24
TW-164042FN	1/2	48T	8-42	10-56	2	355	14	0.655	1.44	24

Features:

- With 36T/48T ratchet-function for controlled clockwise direction.
- Tolerance of torque $\pm 6\%$ (1-5Nm, 2-10Nm).
- Tolerance of torque $\pm 4\%$ (5-25Nm, 10-60Nm, 40-125Nm).
- Quality meets DIN ISO 6789 & ASME B107.300-2010.



Preset!



Solid construction and durable fully chromed steel tube which is for industrial use.

Unique continuous slipping mechanism
eliminates the risk of over tightening.

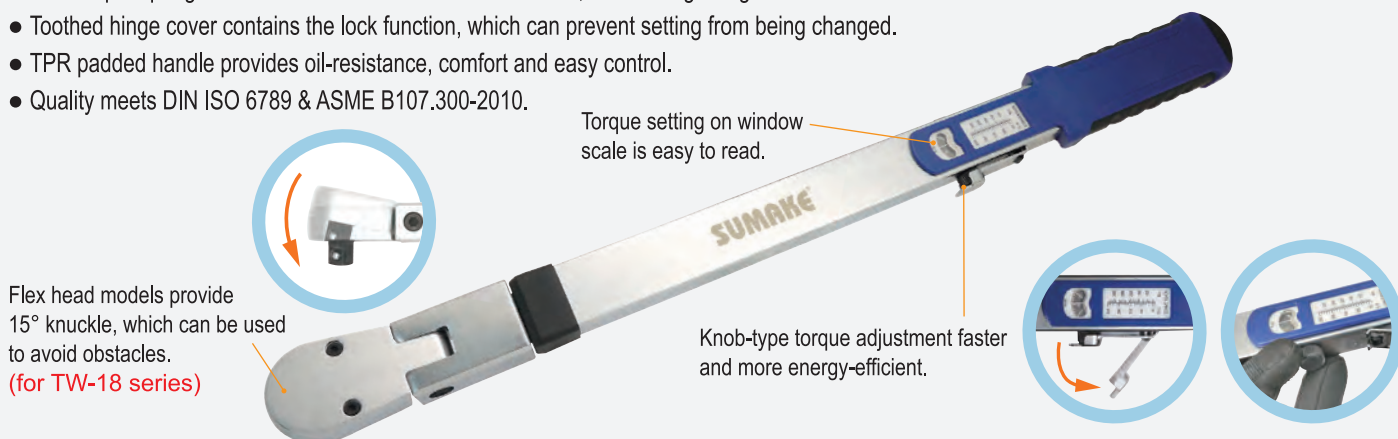
Model No.	Square Drive (inch)	Teeth	Torque Range (Nm.)	Overall Length		Net Weight		Ctn (pcs)
				mm	in	kgs	lbs	
TW-1302-005N	1/4	36T	1-5	182	7-1/6	0.31	0.68	24
TW-1302-010N	1/4	36T	2-10	182	7-1/6	0.31	0.68	24
TW-1303-025N	3/8	36T	5-25	216	8-1/2	0.59	1.30	24
TW-1303-060N	3/8	48T	10-60	320	12-3/5	0.61	1.34	24
TW-1304-060N	1/2	48T	10-60	320	12-3/5	0.61	1.34	24
TW-1304-125N	1/2	48T	40-125	435	17-1/8	1.58	3.48	12

★ Customized torque setting (specify when ordering)

Split-Beam Torque Wrench

Features:

- Tolerance of torque: horizontal $\pm 4\%$; flexed $\pm 4\% \sim \pm 10\%$.
- Strong feedback and loud click sound when reached the required torque.
- Non torque-spring mechanism: don't need to reset after use, which brings longer tool life.
- Toothed hinge cover contains the lock function, which can prevent setting from being changed.
- TPR padded handle provides oil-resistance, comfort and easy control.
- Quality meets DIN ISO 6789 & ASME B107.300-2010.



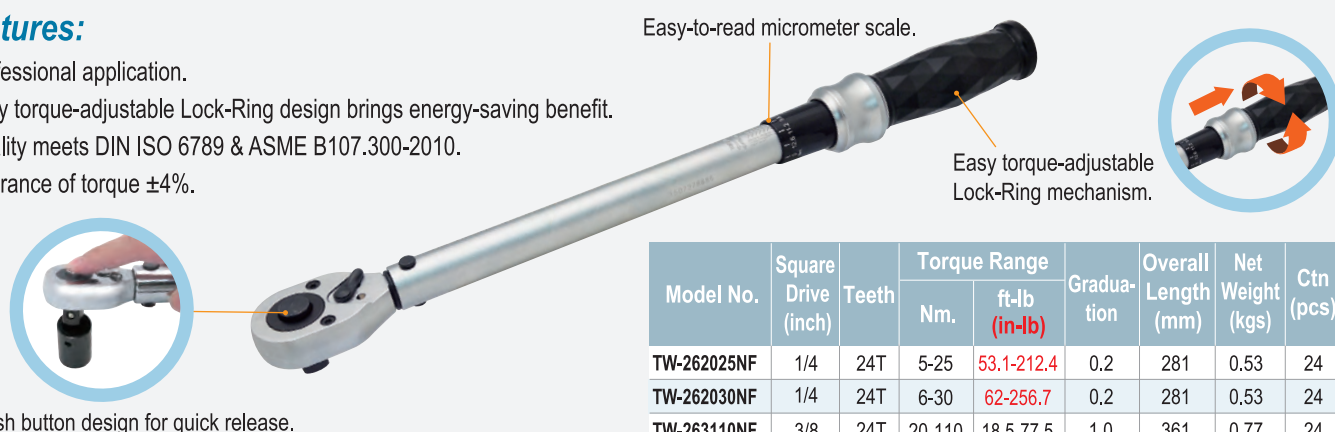
Model No.	Head Type	Square Drive (inch)	Teeth	Swing Arc	Torque Range ft-lb (in -lb)	Graduation	Overall Length		Net Weight		Ctn (pcs)
							mm	in	kgs	lbs	
TW-182020F	Flex Ratchet	1/4	24T	15°	45-225	4.5	295	11-3/5	0.495	1.09	24
TW-183051F		3/8	24T	15°	120-600	10	475	18-5/7	0.95	2.09	12
TW-183050F		3/8	24T	15°	10-50	1	475	18-5/7	0.95	2.09	12
TW-183100F		3/8	24T	15°	20-100	2	475	18-5/7	0.95	2.09	12
TW-184150F		1/2	24T	15°	30-150	5	590	23-2/9	1.705	3.76	10
TW-184250F		1/2	24T	15°	40-250	5	590	23-2/9	1.705	3.76	10
TW-216600F	Detach Ratchet	3/4	24T	-	200-600	10	1265	49-4/5	5.45	12.02	2

Model No.	Head Type	Square Drive (inch)	Teeth	Swing Arc	Torque Range Nm.	Graduation	Overall Length		Net Weight		Ctn (pcs)
							mm	in	kgs	lbs	
TW-182025N	Flex Ratchet	1/4	24T	15°	5-25	0.5	295	11-3/5	0.495	1.09	24
TW-183068N		3/8	32T	15°	14-68	2	475	18-5/7	0.95	2.09	12
TW-183130N		3/8	32T	15°	25-130	5	475	18-5/7	0.95	2.09	12
TW-184200N		1/2	32T	15°	40-200	5	590	23-2/9	1.705	3.76	10
TW-184350N		1/2	32T	15°	70-350	5	590	23-2/9	1.705	3.76	10
TW-216800N	Detach Ratchet	3/4	24T	-	270-800	10	1265	49-4/5	5.45	12.02	2

Adjustable Professional Torque Wrench

Features:

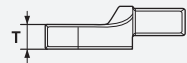
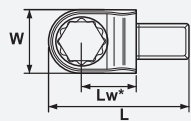
- Professional application.
- Easy torque-adjustable Lock-Ring design brings energy-saving benefit.
- Quality meets DIN ISO 6789 & ASME B107.300-2010.
- Tolerance of torque $\pm 4\%$.



Model No.	Square Drive (inch)	Teeth	Torque Range		Graduation	Overall Length (mm)	Net Weight (kgs)	Ctn (pcs)
			ft-lb (in-lb)	Nm.				
TW-262025NF	1/4	24T	5-25	53.1-212.4	0.2	281	0.53	24
TW-262030NF	1/4	24T	6-30	62-256.7	0.2	281	0.53	24
TW-263110NF	3/8	24T	20-110	18.5-77.5	1.0	361	0.77	24
TW-264210-20NF	1/2	24T	20-210	18.4-151.2	1.0	461	1.25	12
TW-264210-28NF	1/2	24T	28-210	25.8-149.8	1.4	461	1.25	12
TW-264210-40NF	1/2	24T	40-210	33.2-151.2	1.0	461	1.25	12
TW-264210NF	1/2	24T	42-210	36.2-149.8	1.4	461	1.25	12
TW-264350NF	1/2	24T	50-350	48.0-247.2	3.0	553	1.59	12
TW-266500NF	3/4	32T	100-500	81-361	2.0	840	2.41	4
TW-266600NF	3/4	24T	100-600	92-424	5.0	1010	4.73	2
TW-2681000NF	1	24T	150-1000	129-719	5.0	1200	5.99	2

Torque Wrench Accessories

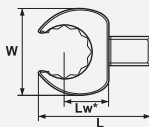
Ring Insert Tool



Model No.	Size	Insert Size (mm)	LW* (mm)	L (mm)	W	T
TW-022107	07	9x12	17.5	40.8	19.8	8.0
TW-022108	08			40.8	19.8	8.0
TW-022110	10			42.6	20.0	8.0
TW-022111	11			43.5	20.2	8.0
TW-022112	12			44.0	22.2	12.0
TW-022113	13			44.5	22.2	12.0
TW-022114	14			46.0	23.5	12.0
TW-022115	15			46.7	24.6	12.0
TW-022116	16			47.0	26.4	13.0
TW-022117	17			47.3	27.3	13.0
TW-022118	18			48.4	29.0	13.0
TW-022119	19			49.4	31.0	13.0
TW-022121	21			49.8	33.4	14.7
TW-022122	22			51.4	35.0	14.7
TW-022213	13	14x18	25	61.5	30.0	12.0
TW-022214	14			62.0	30.0	12.0
TW-022215	15			62.5	30.0	12.0
TW-022216	16			62.5	30.0	12.0
TW-022217	17			64.0	30.0	12.5
TW-022218	18			64.5	30.0	12.5
TW-022219	19			66.0	31.0	12.5
TW-022221	21			67.4	33.4	15.0
TW-022222	22			68.0	35.2	15.0
TW-022224	24			68.5	37.4	15.0
TW-022227	27			77.5	41.7	17.5
TW-022230	30			79.0	45.3	17.5
TW-022232	32		31	80.3	47.8	17.5
TW-022234	34			82.3	50.8	19.0
TW-022236	36			82.6	53.0	19.0
TW-022241	41			85.5	59.3	19.0

Model No.	Size	Insert Size (mm)	LW* (mm)	L (mm)	W	T
TW-032106	1/4"	9x12	17.5	40	20.1	14.7
TW-032110	5/16"			40.6	19.9	14.9
TW-032112	3/8"			42.1	20	14.8
TW-032114	7/16"			42.8	20.4	14.9
TW-032116	1/2"			43.8	22.3	14.8
TW-032118	9/16"			45	23.5	14.7
TW-032120	5/8"			46.5	26.5	14.5
TW-032122	11/16"			47	26.5	14.5
TW-032124	3/4"			48.8	31.2	15.0
TW-032126	13/16"			50	33.2	15.1
TW-032128	7/8"			50.8	35.2	14.8
TW-032216	1/2"	14x18	25	60.8	30.0	21.4
TW-032218	9/16"			61.5	29.5	21.3
TW-032220	5/8"			62.9	30.2	21.4
TW-032222	11/16"			64.3	30.3	21.4
TW-032224	3/4"			65.3	31.3	21.5
TW-032226	13/16"			66.5	33.7	21.6
TW-032228	7/8"			67.3	35.4	21.7
TW-032230	15/16"			68.8	37.8	21.6
TW-032232	1"		31	76.8	37.8	21.6
TW-032236	1-1/8"			78.2	45.1	21.7
TW-032240	1-1/4"			76.8	47.7	21.6

Open Ring Insert Tool



Model No.	Size	Insert Size (mm)	LW* (mm)	L (mm)	W	T
TW-020110	10	9x12	17.5	42.3	21.2	12.0
TW-020111	11			42.8	22.6	12.0
TW-020112	12			43.4	24.1	12.0
TW-020113	13			43.7	25.2	12.0
TW-020114	14			44.5	27.3	13.0
TW-020116	16			45.5	30.1	13.0

Model No.	Size	Insert Size (mm)	LW* (mm)	L (mm)	W	T
TW-020117	17	9x12	17.5	45.9	31.6	13.0
TW-020118	18			46.1	33.3	15.0
TW-020119	19			46.8	34.6	15.0
TW-020121	21			48.0	37.7	15.0
TW-020122	22			48.8	39.3	15.0
TW-020124	24	14x18	24.5	66.8	37.5	15.0

Mini Adjustable Torque Screwdriver

Features:

- Ideal for production line use & especially for small torque demand.
- Quality meets DIN ISO 6789 & ASME B107.300-2010.



1. Torque setting by twisting the golden adjustment ring.
2. Lock knob holds selected torque value in place.

Model No.	Bit Type	Torque (±6%)	Graduation	Overall Length (mm)	Net Weight (g)	Case packing (Ctn)
TW-6360SCN	6.35mm	5 ~ 60 cNm	0.5	100	105	72pcs
TW-6306SIL	6.35mm	0.5 ~ 6.0 in-lb	0.05	100	105	72pcs

Hex Adjustable Torque Screwdriver

Features:

- Automatic adjustment knob design.
- Easy-to-read laser scale.
- Ergonomic comfort rubber grip.
- Square drive for socket, 6.35mm(1/4") Hex drive for bit.
- Quality meets DIN ISO 6789 & ASME B107.300-2010.
- Tolerance of torque ±6%.



Model No.	Bit Type	Torque (±6%)	Graduation	Overall Length (mm)	Net Weight (g)	Case packing (Ctn)
TW-622012SF	1/4 Hex	2 ~ 12 in-lb	0.1	180	230	24pcs
TW-622015SF	1/4 Hex	3 ~ 15 in-lb	0.1	180	230	24pcs
TW-622025SF	1/4 Hex	5 ~ 25 in-lb	0.5	195	340	24pcs
TW-622006SN	1/4 Hex	1 ~ 6 Nm	0.1	195	340	24pcs
TW-622010SN	1/4 Hex	5 ~ 10 Nm	0.1	195	340	24pcs

Ultra-Compact . OLED display . Multifunctional

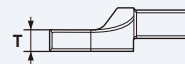
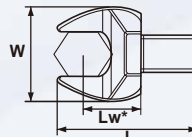
Features:

- Torque accuracy: $\pm 2\%$ CW and $\pm 3\%$ CCW torque accuracy within the wrench scale range from 20%
- Angle Accuracy : ($\pm 1\%$ of reading) + ($\pm 1^\circ$ @ angular velocity 10°/sec to 180°/sec) + ($\pm 1^\circ$ of test fixture)
- Angle range: 5–999°
- Multi-functional:
 - (1) Peak torque
 - (2) Angle
 - (3) Track
 - (4) Screw Counting
 - (5) Head Length Adjustment.(for wrench)
 - (6) One step mode for torque then angle measurement
 - (7) Ten torque setting presets for commonly recurring applications
 - (8) Torque value warning tolerance
 - (9) Storage for up to 100 sets of torque test data



Model No.	Square Drive (inch)	Teeth	Torque					Overall Length		Net Weight	
			N-m	kgf-cm	ozf-in	lbf-in	N-cm	mm	in	kgs	lbs
TWD-4202-030	1/4"	90T	3.0-30	30.59-305.9	42.5-424.8	26.55-265.5	300-3000	210.6	8-2/7	0.22	0.48
TWD-420S-003	1/4" Hex	90T	0.3-3.0	3.06-30.59	42.5-424.8	2.66-26.55	30-300	206.4	8-1/8	0.21	0.46
TWD-420S-006	1/4" Hex	90T	0.6-6.0	6.12-61.8	85-849.6	5.3-53.1	60-600	206.4	8-1/8	0.21	0.46

Open Ended Insert Tool

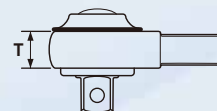
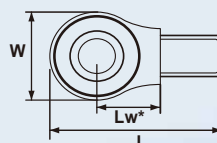


Specification:

Model No.	Head Size (mm)	Insert Size (mm)	LW* (mm)	L (mm)	W	T
TW-024107	07	9x12	17.5	37.6	20.7	5.7
TW-024108	08		17.5	37.6	22.0	5.7
TW-024109	09		17.5	37.6	23.5	5.7
TW-024110	10		17.5	39.8	24.8	5.7
TW-024111	11		17.5	39.8	26.0	5.7
TW-024112	12		17.5	39.8	27.5	5.7
TW-024113	13		17.5	40.0	28.8	5.7
TW-024114	14		20	43.0	31.5	7.7
TW-024115	15		20	44.0	33.5	7.7
TW-024116	16		20	44.0	36.0	7.7
TW-024117	17		20	44.0	37.7	7.7
TW-024118	18		20	45.2	39.0	7.7
TW-024119	19		20	45.2	41.6	7.7
TW-024121	21		25	52.2	45.5	11.5
TW-024122	22		25	52.2	47.3	11.5
TW-024124	24		25	54.0	50.8	11.5
TW-024127	27		32.5	60.0	58.7	13.0
TW-024130	30		32.5	61.5	63.7	13.5
TW-024132	32		32.5	63.0	65.0	13.5
TW-024136	36		32.5	64.8	67.5	13.5
TW-024213	13	14x18	25	58.0	29.5	7.0
TW-024214	14		25	58.0	31.4	7.0
TW-024215	15		25	58.0	33.5	7.0
TW-024216	16		25	58.5	36.0	7.0
TW-024217	17		25	59.5	37.0	9.0
TW-024218	18		25	60.4	39.0	9.0
TW-024219	19		25	61.5	40.6	9.0
TW-024221	21		25	61.5	45.5	11.0
TW-024222	22		25	62.3	47.3	11.0
TW-024223	23		25	62.3	47.8	11.0
TW-024224	24		25	63.2	50.8	11.0
TW-024225	25		25	63.2	51.0	11.0
TW-024226	26		30	69.0	58.4	13.8
TW-024227	27		32.5	69.0	58.4	13.8
TW-024230	30		32.5	70.5	62.5	13.8
TW-024232	32		32.5	72.5	65.0	13.8
Model No.	Head Size (mm)	Insert Size (mm)	LW* (mm)	L (mm)	W	T
TW-024234	34	14x18	32.5	74.0	67.5	13.8
TW-024236	36		32.5	74.0	67.5	13.8
TW-024238	38		32.5	74.0	67.5	13.8
TW-024240	40		37	80.5	83.4	13.8
TW-024241	41		37	80.5	82.3	13.8
TW-024246	46		50	91.1	98.6	20.0
TW-024248	48		50	96.9	105.0	30.5
TW-024250	50		50	96.9	105.0	30.5
Model No.	Head Size (mm)	Insert Size (mm)	LW* (mm)	L (mm)	W	T
TW-034106	1/4"	9x12	17.5	37.6	20.8	14.9
TW-034110	5/16"		17.5	37.8	22	15
TW-034112	3/8"		17.5	40.2	24.7	14.8
TW-034114	7/16"		17.5	39.4	26.1	15
TW-034116	1/2"		17.5	40.2	28.8	14.7
TW-034118	9/16"		20	43.1	31.7	14.9
TW-034120	5/8"		20	43.85	35.6	14.5
TW-034124	3/4"		17.5	46.3	41.5	15
TW-034216	1/2"	14x18	25	57.7	29.7	7.1
TW-034218	9/16"		25	57.5	29	7.65
TW-034220	5/8"		25	58.4	36.3	21.5
TW-034222	11/16"		25	60.1	39.0	21.5
TW-034224	3/4"		25	60.2	41.1	21.5
TW-034226	13/16"		25	61.4	45.5	21.7
TW-034228	7/8"		25	62.1	47.8	21.4
TW-034230	15/16"		26.5	63.5	51.1	21.5
TW-034232	1"		32.5	69.3	59.5	21.4
TW-034236	1-1/8"		32.5	70.9	63.5	21.5
TW-034240	1-1/4"		32.5	72.2	65.6	21.5

Ratchet Head Insert Tool

-72 Teeth



Specification:

Model No.	Square Drive	Insert Size (mm)	LW*(mm)	L(mm)	W	T
TW-012128	1/4"	9x12	17.5	46.0	24.8	11.2
TW-012138	3/8"		17.5	49.0	30.2	11.2
TW-012148	1/2"		25	60.4	38.0	16.0
Model No.	Square Drive	Insert Size (mm)	LW*(mm)	L(mm)	W	T
TW-012238	3/8"	14x18	25	68.4	38.0	16.0
TW-012248	1/2"		25	68.8	38.0	16.0
TW-012265	3/4"		25	71.5	43.0	18.0
TW-012268	3/4"		45	99.8	61.5	22



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CATA-HTW24