

SENATOR
QUALITY TOOLING**Square Drive
Torque Wrench**

Reversible ratchet head. 'Click + Snap' action indicates when the pre-set torque level has been reached. Engraved kgf.m and Nm scale on barrel. Micrometer type sleeve allows preset torque values to be accurately set. Manufactured to **ISO 6789-2:2017**.

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Overall Length	Sq. Drive	Torque Range		Order Code	Price/1 THB
		Nm	kgf.m	SEN-557	
280mm*	1/4"	5-25	0.5-2.5	-0300K	2919.00
365mm	3/8"	19-110	1.9-11.2	-0400K	3045.00
440mm	1/2"	42-210	4.2-21.4	-0500K	3234.00

TRI TORQ Adjustable
Torque Wrench

Manufactured from high quality satin finish steel with a polished steel head. Supplied with a fully traceable calibration certificate and storage case. The desired torque value can be set, and is displayed in windows on the handle. Manufactured to **ISO 6789-2:2017**.

Supplied in
Robust Storage Case

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Model Number	Sq. Drive	Torque Range		Weight each	Order Code	Price/1 THB
		Nm	lbf.ft		TRQ-557	
FXL5	1/4"	1-5	0.7-3	0.40kg	-5740K	4704.00
FXL32	1/4"	6-30	4-22	0.40kg	-5760K	4704.00
FXL33	3/8"	6-30	4-22	0.40kg	-5850K	4893.00
FXL63	3/8"	12-60	7-44	1.30kg	-5870K	4893.00
FXL100	3/8"	20-100	15-75	1.38kg	-5900K	5019.00
FXL200	1/2"	40-200	30-150	2.36kg	-6900K	6164.00
FXL320	1/2"	60-320	45-225	2.57kg	-6920K	8243.00

With Factory
Tested
Calibration
Certificate

Ratchet Repair Kits

To Suit	Order Code	Price/1 THB
FXL100	-5900K	588.00
FXL200/FXL320	-6900K	1302.00

KENNEDY
QUALITY INDUSTRIAL TOOLING**Adjustable
Torque Wrenches**

High quality chrome-plated, polished steel head and retractable torque setting lever. 'Click and Snap' action indicates when the pre-set torque level has been reached. Four easy read scales Nm, kgf.m, lbf.in x10, lbf.ft. Push through square drive connector to instantly reverse action. Knurled grip plastic handle. Complete with factory tested calibration certificate, operating instructions and torque conversion chart. Supplied in a cardboard case. Manufactured to **ISO 6789-2:2017**. Accuracy = $\pm 4\%$.

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MTW011

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MTW033

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MTW068

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MTW135

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MTW225

1/2



MTW330

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MTW810

Model Number	Square Drive	Torque Range		Length (mm)	Order Code	Price/1 THB
		Nm	lbf.ft		KEN-557	
MTW011	3/8"	2.5 - 11	2 - 8	300	-3500K	8873.00
MTW033	3/8"	5.0 - 33	4 - 24	410	-3520K	8999.00
MTW068	3/8"	12.0 - 68	10 - 50	480	-3540K	9513.00
MTW135	1/2"	25 - 135	20 - 100	560	-3560K	11088.00
MTW225	1/2"	50 - 225	40 - 160	610	-3580K	11729.00
MTW330	1/2"	70 - 330	50 - 250	780	-3600K	13755.00
MTW810	3/4"	200 - 800	145 - 600	940	-3610K	31689.00

With Factory
Tested
Calibration
Certificate

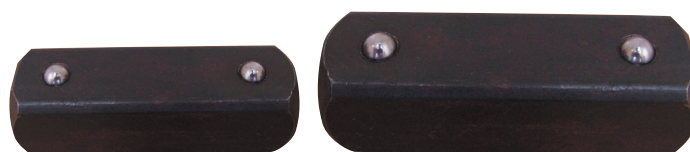
Replacement Squares for Torque Wrenches

Torque Conversion Factors										
To From	International System S.I.			Inch			Metric			
	mNm	cNm	Nm	Ozf.in	lbf.in	lbf.ft	gf.cm	kgf.cm	kgf.m	
mNm	1	0.1	0.001	0.142	0.009	0.0007	10.2	0.01	0.0001	
cNm	10	1	0.01	1.416	0.088	0.007	102	0.102	0.001	
Nm	1000	100	1	141.6	8.851	0.738	10197	10.20	0.102	
Ozf.in	7.062	0.706	0.007	1	0.0625	0.005	72	0.072	0.0007	
lbf.in	113	11.3	0.113	16	1	0.083	1152.1	1.152	0.0115	
lbf.ft	1356	135.6	1.356	192	12	1	13826	13.83	0.138	
gf.cm	0.098	0.01	0.0001	0.014	0.0009	0.00007	1	0.001	0.00001	
kgf.cm	98.07	9.807	0.098	13.89	0.868	0.072	1000	1	0.01	
kgf.m	9807	980.7	9.807	1389	86.8	7.233	100000	100	1	

EXAMPLE: To convert 10 lbf.ft to Nm, read across (units to be converted from) and down (units to be converted to) as shown above to obtain
Torque Conversion Factor.

Number of Units to be Converted x Conversion Factor = Total Converted Units
i.e: 10 lbf.ft x 1.356 = 13.56 Nm

Note: The unit Kilogramme Force (kgf.m) is also known as Kilopond (kp.m), 1kgf.m=1kp.m



Square Drive	To Suit	Order Code	Price/1 THB
		KEN-557	
3/8"	-0400K -0420K -0440K	-3100K	NA
1/2"	-0500K -0520K	-3200K	NA
3/4"	-0620K	-3300K	NA