KENNEDY®
QUALITY INDUSTRIAL TOOLING

QUALITY GUARANTEE AND WARRANTY

KENNEDY products carry a one year manufacturer's warranty.

KENNEDY products are designed and manufactured to the highest standards and specifications, assuring the quality and performance required by all sectors of industry.

KENNEDY products are fully guaranteed against faulty materials and workmanship. Should they be found to be defective, they will either be repaired or replaced free of charge (fair wear and tear and/or misuse excepted). Please retain supplier invoice as proof of purchase.



KENNEDY TOOLS
P.O. Box 14, Wigston, Leicester, England LE18 1AT.

© The Kennedy Group Ltd. 10/17

TORQUE CONVERSION CHART

From	To	To	To	From	To	To	To	From	To	To	To	From	To	To	To
Newton Metres	Pound Force Foot	Kg Force Metres	Pound Force Inch	Pound Force Foot	Newton Metres	Kg Force Metres	Pound Force Inch	Kg Force Metres	Newton Metres	Pound Force Foot	Pound Force Inch	Pound Force Inch	Newton Metres	Pound Force Foot	Kg Force Metres
N.m	lbf.ft	kgf.m	lbf.in	lbf.ft	N.m	kgf.m	lbf.in	kgf.m	N.m	lbf.ft	lbf.in	lbf.in	N.m	lbf.ft	kgf.m
25.00	18.45	2.55	221.28	20.00	27.12	2.76	240.00	3.00	29.42	21.70	260.40	250.00	28.25	20.75	2.88
30.00	22.14	3.06	265.53	25.00	33.90	3.45	300.00	5.00	49.04	36.17	434.00	300.00	33.90	24.90	3.45
40.00	29.52	4.08	354.04	30.00	40.68	4.14	360.00	8.00	78.46	57.86	694.40	400.00	45.20	33.20	4.60
50.00	36.90	5.10	442.55	35.00	47.46	4.83	420.00	10.00	98.07	72.33	868.00	500.00	56.50	41.50	5.75
60.00	44.28	6.12	531.06	40.00	54.24	5.52	480.00	13.00	127.49	94.03	1128.40	600.00	67.80	49.80	6.90
70.00	51.66	7.14	619.57	45.00	61.02	6.21	540.00	15.00	147.11	108.50	1302.00	700.00	79.10	58.10	8.05
80.00	59.04	8.16	708.08	50.00	67.80	6.90	600.00	18.00	176.53	130.19	1562.40	800.00	90.40	66.40	9.20
90.00	66.42	9.18	796.59	55.00	74.58	7.59	660.00	20.00	196.14	144.66	1736.00	900.00	101.70	74.70	10.35
100.00	73.80	10.20	885.10	60.00	81.36	8.28	720.00	23.00	225.56	166.36	1996.40	1000.00	113.00	83.00	11.50
110.00	81.18	11.22	973.61	65.00	88.14	8.97	780.00	25.00	245.18	180.83	2170.00	1100.00	124.30	91.30	12.65
120.00	88.56	12.24	1062.12	70.00	94.92	9.66	840.00	28.00	274.60	202.52	2430.40	1200.00	135.60	99.60	13.80
130.00	95.94	13.26	1150.63	75.00	101.70	10.35	900.00	30.00	294.21	216.99	2604.00	1300.00	146.90	107.90	14.95
140.00	103.32	14.28	1239.14	80.00	108.48	11.04	960.00	33.00	323.63	238.69	2864.40	1400.00	158.20	116.20	16.10
150.00	110.70	15.30	1327.65	85.00	115.26	11.73	1020.00	35.00	343.25	253.16	3038.00	1500.00	169.50	124.50	17.25
160.00	118.08	16.32	1416.16	90.00	122.04	12.42	1080.00	38.00	372.67	274.85	3298.40	1600.00	180.80	132.80	18.40
170.00	125.46	17.34	1504.67	95.00	128.82	13.11	1140.00	40.00	392.28	289.32	3472.00	1700.00	192.10	141.10	19.55
180.00	132.84	18.36	1593.18	100.00	135.60	13.80	1200.00	43.00	421.70	311.02	3732.40	1800.00	203.40	149.40	20.70
190.00	140.22	19.38	1681.69	110.00	149.16	15.18	1320.00	45.00	441.32	325.49	3906.00	1900.00	214.70	157.70	21.85
200.00	147.60	20.40	1770.20	120.00	162.72	16.56	1440.00	48.00	470.74	347.18	4166.40	2000.00	226.00	166.00	23.00
210.00	154.98	21.42	1858.71	130.00	176.28	17.94	1560.00	50.00	490.35	361.65	4340.00	2100.00	237.30	174.30	24.15
220.00	162.36	22.44	1947.22	140.00	189.84	19.32	1680.00	51.00	500.16	368.88	4426.80	2200.00	248.60	182.60	25.30
230.00	169.74	23.46	2035.73	150.00	203.40	20.70	1800.00	52.00	509.96	376.12	4513.60	2300.00	259.90	190.90	26.45
240.00	177.12	24.48	2124.24	160.00	216.96	22.08	1920.00	53.00	519.77	383.35	4600.40	2400.00	271.20	199.20	27.60
250.00	184.50	25.50	2212.75	170.00	230.52	23.46	2040.00	54.00	529.58	390.58	4687.20	2500.00	282.50	207.50	28.75
260.00	191.88	26.52	2301.26	180.00	244.08	24.84	2160.00	55.00	539.39	397.82	4774.00	2600.00	293.80	215.80	29.90
270.00	199.26	27.54	2389.77	190.00	257.64	26.22	2280.00	56.00	549.19	405.05	4860.80	2700.00	305.10	224.10	31.05
280.00	206.64	28.56	2478.28	200.00	271.20	27.60	2400.00	57.00	559.00	412.28	4947.60	2800.00	316.40	232.40	32.20
290.00	214.02	29.58	2566.79	210.00	284.76	28.98	2520.00	58.00	568.81	419.51	5034.40	2900.00	327.70	240.70	33.35
300.00	221.40	30.60	2655.30	220.00	298.32	30.36	2640.00	59.00	578.61	426.75	5121.20	3000.00	339.00	249.00	34.50
310.00	228.78	31.62	2743.81	230.00	311.88	31.74	2760.00	60.00	588.42	433.98	5208.00	3100.00	350.30	257.30	35.65
320.00	236.16	32.64	2832.32	240.00	325.44	33.12	2880.00	61.00	598.23	441.21	5294.80	3200.00	361.60	265.60	36.80
330.00	243.54	33.66	2920.83	250.00	339.00	34.50	3000.00	62.00	608.03	448.45	5381.60	3300.00	372.90	273.90	37.95
340.00	250.92	34.68	3009.34	260.00	352.56	35.88	3120.00	63.00	617.84	455.68	5468.40	3400.00	384.20	282.20	39.10
350.00	258.30	35.70	3097.85	270.00	366.12	37.26	3240.00	64.00	627.65	462.91	5555.20	3500.00	395.50	290.50	40.25
360.00	265.68	36.72	3186.36	280.00	379.68	38.64	3360.00	65.00	637.46	470.15	5642.00	3600.00	406.80	298.80	41.40
370.00	273.06	37.74	3274.87	290.00	393.24	40.02	3480.00	66.00	647.26	477.38	5728.80	3700.00	418.10	307.10	42.55
380.00	280.44	38.76	3363.38	300.00	406.80	41.40	3600.00	67.00	657.07	484.61	5815.60	3800.00	429.40	315.40	43.70
390.00	287.82	39.78	3451.89	310.00	420.36	42.78	3720.00	68.00	666.88	491.84	5902.40	3900.00	440.70	323.70	44.85
400.00	295.20	40.80	3540.40	320.00	433.92	44.16	3840.00	69.00	676.68	499.08	5989.20	4000.00	452.00	332.00	46.00
410.00	302.58	41.82	3628.91	330.00	447.48	45.54	3960.00	70.00	686.49	506.31	6076.00	4100.00	463.30	340.30	47.15
420.00	309.96	42.84	3717.42	340.00	461.04	46.92	4080.00	71.00	696.30	513.54	6162.80	4200.00	474.60	348.60	48.30
430.00	317.34	43.86	3805.93	350.00	474.60	48.30	4200.00	72.00	706.10	520.78	6249.60	4300.00	485.90	356.90	49.45
440.00	324.72	44.88	3894.44	360.00	488.16	49.68	4320.00	73.00	715.91	528.01	6336.40	4400.00	497.20	365.20	50.60
450.00	332.10	45.90	3982.95	370.00	501.72	51.06	4440.00	74.00	725.72	535.24	6423.20	4500.00	508.50	373.50	51.75
460.00	339.48	46.92	4071.46	380.00	515.28	52.44	4560.00	75.00	735.53	542.48	6510.00	4600.00	519.80	381.80	52.90
470.00	346.86	47.94	4159.97	390.00	528.84	53.82	4680.00	76.00	745.33	549.71	6596.80	4700.00	531.10	390.10	54.05
480.00	354.24	48.96	4248.48	400.00	542.40	55.20	4800.00	77.00	755.14	556.94	6683.60	4800.00	542.40	398.40	55.20
490.00	361.62	49.98	4336.99	405.00	549.18	55.89	4860.00	78.00	764.95	564.17	6770.40	4900.00	553.70	406.70	56.35
500.00	369.00	51.00	4425.50	410.00	555.96	56.58	4920.00	79.00	774.75	571.41	6857.20	5000.00	565.00	415.00	57.50
510.00	376.38	52.02	4514.01	415.00	562.74	57.27	4980.00	80.00	784.56	578.64	6944.00	6000.00	678.00	498.00	69.00
520.00	383.76	53.04	4602.52	420.00	569.52	57.96	5040.00	81.00	794.37	585.87	7030.80	7000.00	791.00	581.00	80.50
530.00	391.14	54.06	4691.03	425.00	576.30	58.65	5100.00								
540.00	398.52	55.08	4779.54	430.00	583.08	59.34	5160.00								
550.00	405.90	56.10	4868.05	435.00	589.86	60.03	5220.00								
560.00	413.28	57.12	4956.56	440.00	596.64	60.72	5280.00								
570.00	420.66	58.14	5045.07	445.00	603.42	61.41	5340.00								
580.00	428.04	59.16	5133.58	450.00	610.20	62.10	5400.00								
590.00	435.42	60.18	5222.09	455.00	616.98	62.79	5460.00								
600.00	442.80	61.20	5310.60	460.00	623.76	63.48	5520.00								
610.00	450.18	62.22	5399.11	465.00	630.54	64.17	5580.00								
620.00	457.56	63.24	5487.62	470.00	637.32	64.86	5640.00								
630.00	464.94	64.26	5576.13	475.00	644.10	65.55	5700.00								
640.00	472.32	65.28	5664.64	480.00	650.88	66.24	5760.00								
650.00	479.70	66.30	5753.15	485.00	657.66	66.93	5820.00								
660.00	487.08	67.32	5841.66	490.00	664.44	67.62	5880.00								
670.00	494.46	68.34	5930.17	495.00	671.22	68.31	5940.00								
680.00	501.84	69.36	6018.68	500.00	678.00	69.00	6000.00								
690.00	509.22	70.38	6107.19	505.00	684.78	69.69	6060.00								
700.00	516.60	71.40	6195.70	510.00	691.56	70.38	6120.00								
710.00	523.98	72.42	6284.21	515.00	698.34	71.07	6180.00								
720.00	531.36	73.44	6372.72	520.00	705.12	71.76	6240.00								
730.00	538.74	74.46	6461.23	525.00	711.90	72.45	6300.00								
740.00	546.12	75.48	6549.74	530.00	718.68	73.14	6360.00								
750.00	553.50	76.50	6638.25	540.00	732.24	74.52	6480.00								
760.00	560.88	77.52	6726.76	550.00	745.80	75.90	6600.00								
770.00	568.26	78.54	6815.27	560.00	759.36	77.28	6720.00								
780.00	575.64	79.56	6903.78	570.00	772.92	78.66	6840.00								
790.00	583.02	80.58	6992.29	580.00	786.48	80.04	6960.00								
800.00	590.40	81.60	7080.80	585.00	793.26	80.73	7020.00								

TORQUE CONVERSION FACTORS

To / From	INTERNATIONAL SYSTEM - S.I.			IMPERIAL			METRIC		
	mN.m	cN.m	N.m	ozf.in	lbf.in	lbf.ft	gf.cm	kgf.cm	kgf.m
mN.m	1	0.1	0.001	0.142	0.009	0.0007	10.2	0.01	0.0001
cN.m	10	1	0.01	1.416	0.088	0.007	102	0.102	0.001
N.m	1000	100	1	141.6	8.851	0.738	10.197	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	13.826	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 **N.m**, 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 N.m**

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

OPERATING INSTRUCTIONS

KENNEDY®
QUALITY INDUSTRIAL TOOLING

MECHANIC'S TORQUE WRENCHES

- **High quality chrome plated, polished steel head**
- **Retractable torque setting lever**
- **"CLICK & SNAP" action indicates when the pre-set torque level has been reached**
- **4 easy read scales - Nm, kgf.m, lbf.in, lbf.ft**
- **Push through square drive connector to instantly reverse action**
- **Knurled grip plastic handle**
- **Supplied with factory tested calibration certificate**
- **Calibration tolerance in accordance with ISO 6789-2:2017**
- **Accuracy = ±4%**

SPECIFICATIONS

Model	Order Code KEN-557	Sq. Drive	Torque Range N.m	kgf.m	lbf.ft	lbf.in	Overall Length	Weight
MTW011	**-3500K**	3/8"	2.5 - 11	0.25 - 1.12	1.84 - 8.11	22 - 97	338mm	0.63kg
MTW033	**-3521L**	3/8"	7 - 33	0.7 - 3.4	5 - 24	60 - 300	425mm	0.72kg
MTW068	**-3541L**	3/4"	14 - 68	1.4 - 7	10 - 50	125 - 600	1070mm	7.58kg
MTW135	**-3560K**	1/2"	25 - 135	2.5 - 13.7	18.4 - 99.5	220 - 1194	556mm	1.6kg
MTW225	**-3580K**	1/2"	50 - 225	5.0 - 22.9	36.8 - 166	441 - 1992	600mm	2.3kg
MTW330	**-3600K**	1/2"	70 - 330	7.1- 33.6	51.6 - 243	619 - 2920	805mm	2.6kg
MTW810	**-3610K**	3/4"	200 - 800	20.3 - 81.5	147 - 590	1770 - 7080	1070mm	7.58kg

INSTRUCTIONS FOR USE

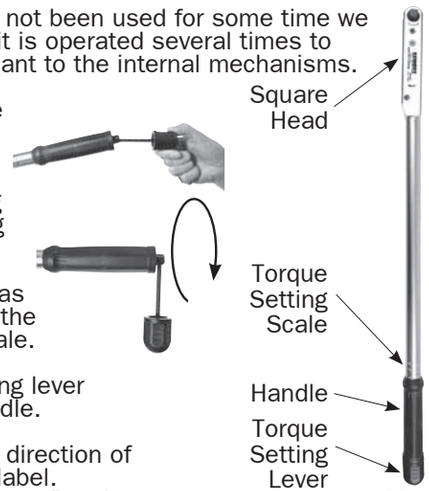
HAND POSITION FOR APPLYING TORQUE

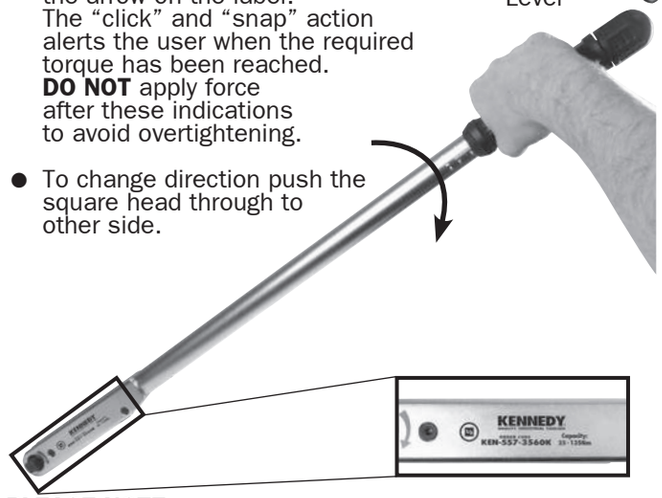
When applying torque the wrench must be held in the correct position on the handle as this affects the reading.



SETTING TORQUE LEVEL

- If the wrench has not been used for some time we recommend that it is operated several times to redistribute lubricant to the internal mechanisms.
- Extend the torque setting lever.
- Set the required torque by rotating the torque setting lever to move the handle until the required torque has been reached on the torque setting scale.
- Push torque setting lever back into the handle.
- Apply force in the direction of the arrow on the label. The "click" and "snap" action alerts the user when the required torque has been reached. **DO NOT** apply force after these indications to avoid overtightening.
- To change direction push the square head through to other side.





PLEASE NOTE:
After use return the torque setting to its lowest reading to safeguard the accuracy of the tool.

SAFETY AND MAINTENANCE

You have purchased a quality product that is designed for high performance and a long service life. If safety and maintenance procedures are followed and the tool is used correctly it will last for many years.

- Always follow instructions for assembly before operation.
- Ensure your workpiece is firmly held or fixed before commencing work.
- When using torque tools it is possible that fasteners may break or slip. Always stand with both feet on the floor and avoid applying torque in awkward positions.
- The drive part of the tool and any accessories should always be in line with the fastener. Misalignment and uncontrolled movement will affect accuracy.
- Only use the tool on the job for which it has been designed.
- Keep the tool clean by wiping. Never dip in cleaning fluid.
- Always store tools away from dirt, oil and swarf as this can damage mechanisms.
- We recommend that your torque tool be calibrated annually.
- The torque wrench is lubricated for life and should not be oiled. The only exception is the ratchet head which may be lubricated for smooth operation.
- Do not drop or throw the wrench.
- After use adjust to the lowest torque setting and clean and store in a safe, dry place.

All **KENNEDY** tools are supplied with a calibration certificate valid for 12 months from date of purchase. (Please retain invoice as proof of purchase).





Re-Calibration is available through your local Distributor.

KENNEDY Torque Wrenches are manufactured and tested to **ISO 6789-2:2017**
Accuracy = ± 4% of the set load.