



TORQUE WRENCH



PART NO:

CH5002 1/4"dr 5-25 Nm

CH5003 3/8"dr 20-100 Nm

CH5004 1/2"dr 40-200 Nm

CH5005 1/2"dr 70-350 Nm



TO PREVENT SERIOUS INJURY, READ
AND UNDERSTAND ALL WARNINGS
AND INSTRUCTIONS BEFORE USE.

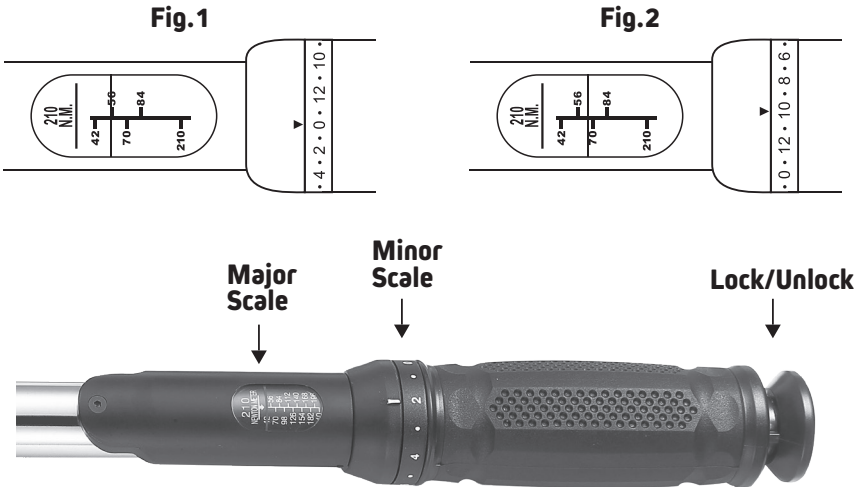
OPERATING INSTRUCTIONS

HOW TO USE

- To unlock handle, firmly hold wrench and pull lock knob at the end of handle.
- Set to desired torque by turning handle clockwise or counter-clockwise as follows:

Example: 66NM

1. Line up major scale with "56" graduation cross line and "0" with minor scale. Wrench is now set at 56NM(see Fig.1)
2. Turn handle and set minor scale to "10". Wrench is now set at 66NM(see Fig.2)
3. Secure torque setting by pushing lock knob inwards until it clicks.
4. To torque fastener, keep hand centered on the grip handle. Apply a slow and steady force until a click/ impulse is heard or felt. The fastener has now reached the desired torque setting, so the operator should stop applying force.



MAINTENANCE

- This tool is a precision measuring instrument. Handle with care and store properly. Do not attempt to increase leverage of this wrench with any other device. Failure to follow all instructions could result in damage to torque wrench, property damage, or injury.
- This wrench is shipped ready to use, calibrated and tested to an accuracy of +/- 4%. To maintain this accuracy, it is important that wrench is stored at lowest torque setting, see table below for your models low setting. This setting relieves extra tension on the internal spring, that can adversely affect accuracy.

CHICANE TORQUE WRENCH SPECIFICATION TABLE

Drive	Model	Ratchet	Length	Range	Accuracy
1/4"	CH5002	48 Tooth	305mm	5-25Nm	+/- 4%
3/8"	CH5003	48 Tooth	395mm	20-100Nm	+/- 4%
1/2"	CH5004	48 Tooth	510mm	40-200Nm	+/- 4%
1/2"	CH5005	48 Tooth	593mm	70-350Nm	+/- 4%

WARNING!

- Your torque wrench is a precision instrument and should be treated as such.
- Do not use your torque wrench to loosen fasteners.
- Always store your torque wrench in the protective blow mould case.
- If your torque wrench is dropped, knocked, even in the protective blow mould case, or any part replaced, the wrench must be re-calibrated prior to next use.
- Ensure your torque wrench is stored at its lowest setting. Calibration costs are the responsibility of the owner/user of the wrench.
- Do not use a cheater/extension bar on torque wrench.
- Always wear approved eye protection to avoid personal injury.
- It is recommended that this tool is recalibrated every 12 months or 5,000 cycles. Chicane tools will not be liable for any damage caused from using an uncalibrated or defective torque wrench, as a result of failing to follow the correct maintenance, calibration, storage or handling as advised in this manual.

CONVERSION TABLE

FOOT POUNDS (ft.-lb.)	INCH POUNDS (in.-lb.)	NEWTON METERS (Nm)	INCH POUNDS (in.-lb.)	FOOT POUNDS (ft.-lb.)	NEWTON METERS (Nm)	NEWTON METERS (Nm)	FOOT POUNDS (ft.-lb.)	INCH POUNDS (in.-lb.)
25	300	33.89	300	25	33.89	2	1.48	17.7
30	360	40.67	400	33.33	45.19	5	3.69	44.25
35	420	47.45	500	41.67	56.49	10	7.38	88.51
40	480	54.23	600	50	67.79	15	11.06	132.76
45	540	61.01	700	58.33	79.09	20	14.75	177.01
50	600	67.79	800	66.67	90.38	25	18.44	221.27
55	660	74.56	900	75	101.68	30	22.12	265.52
60	720	81.34	1000	83.33	112.98	40	29.5	354.03
65	780	88.12	1100	91.67	124.28	50	36.87	442.53
70	840	94.9	1200	100	135.58	60	44.25	531.04
75	900	101.68	1300	108.33	146.88	70	51.63	619.55
80	960	108.46	1400	116.67	158.17	80	59	708.06
85	1020	115.24	1500	125	169.47	90	66.38	796.56
90	1080	122.02	1600	133.33	180.77	100	73.75	885.07
95	1140	128.8	1700	141.67	192.07	110	81.13	973.58
100	1200	135.58	1800	150	203.37	120	88.5	1062.09
105	1260	142.36	1900	158.33	214.67	130	95.88	1150.59
110	1320	149.13	2000	166.67	225.97	140	103.25	1236.1
115	1380	155.91	2100	175	237.26	150	110.63	1327.61
120	1440	162.69	2200	183.33	248.56	160	118.01	1416.12
125	1500	169.47	2300	191.67	259.86	170	125.38	1504.62
130	1560	176.25	2400	200	271.16	180	132.76	1593.13
135	1620	183.03	2500	208.33	282.46	190	140.13	1681.64
140	1680	189.81	2600	216.67	293.76	200	147.51	1770.15
145	1740	196.59	2700	225	305.06	210	154.88	1858.65
150	1800	203.37	2800	233.33	316.35	220	162.26	1947.16
155	1860	210.15	2900	241.67	327.65	230	169.64	2035.67
160	1920	216.93	3000	250	338.95	240	177.01	2124.17
165	1980	223.7				250	184.39	2212.68
170	2040	230.48				260	191.76	2301.19
175	2100	237.26				270	199.14	2389.7
180	2160	244.04				280	206.51	2478.2
185	2220	250.82				290	213.89	2566.71
190	2280	257.6				300	221.26	2655.22
195	2340	264.38				310	228.64	2743.73
200	2400	271.16				320	236.02	2832.23
205	2460	277.94				330	243.39	2920.74
210	2520	284.72				340	250.77	3009.25
215	2580	291.5				350	258.16	3097.75
220	2640	298.27				360	265.53	3186.25
225	2700	305.05				370	272.91	3274.76
230	2760	311.83				380	280.28	3363.27
235	2820	318.61				390	287.66	3451.78
240	2880	325.39				400	295.04	3540.28
245	2940	332.17				410	302.41	3628.79
250	3000	338.95				420	309.79	3717.30

CONVERSIONS

1 ft.-lb. =	1 in.-lb. =	1 Nm =
0.138 m-kg	0.08333 ft.-lb.	0.7376 ft.-lb.
12.0 in.-lb.	0.113 Nm	8.8507 in.-lb.
1.356 Nm	0.0115 m-kg	0.102 m-kg
13.8 cm-kg	1.15 cm-kg	10.2 cm-kg