

TORQUE TOOLS

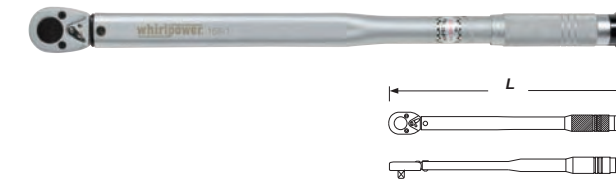
Alan Parkes
J. Lewis



TORQUE TOOLS

168-1

Torque Wrench



Size	L mm	Torque Range min - max	g	Code
1/4"	280	5-25Nm	560	0280
3/8"	280	5-25Nm	560	0280A
3/8"	366	19-110Nm	840	0366
1/2"	470	42-210Nm	1340	0470
1/2"	633	70-350Nm	2380	0633
3/4"	850	65-450Nm	3680	0850
3/4"	1063	140-700Nm	5700	1063
3/4"	1213	140-980Nm	6000	1213
1"	1213	140-980Nm	6000	1213A

168-6

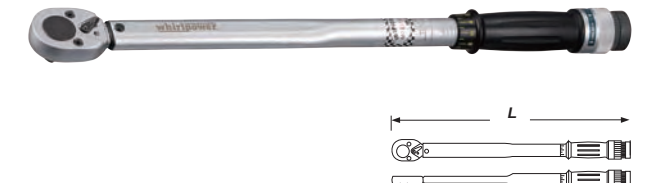
Torque Wrench



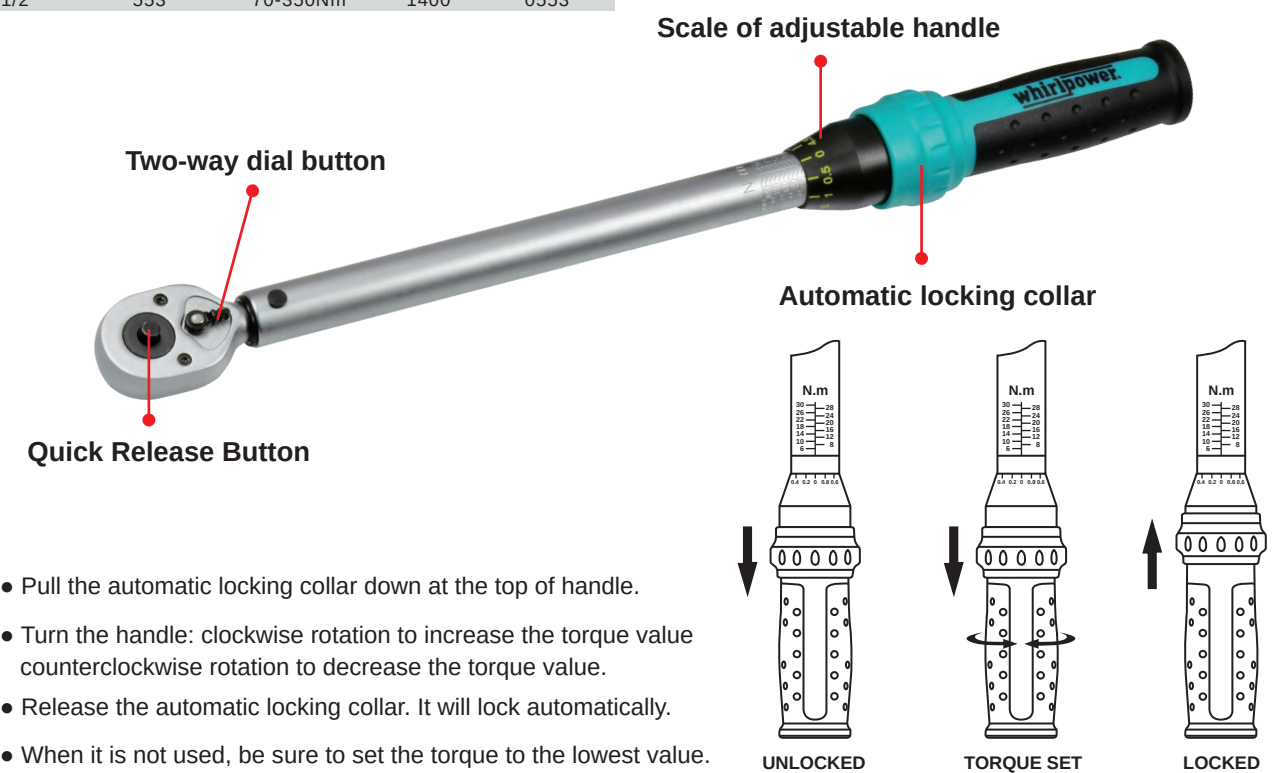
Size	L mm	Torque Range min - max	g	Code
1/4"	197	1-5Nm	280	0197
1/4"	222	6-30Nm	300	0222
3/8"	410	20-110Nm	860	0410
1/2"	505	40-210Nm	1200	0505
1/2"	553	70-350Nm	1400	0553

168-2

Torque Wrench



Size	L mm	Torque Range min - max	g	Code
1/4"	300	6-30Nm	740	0350
3/8"	300	6-30Nm	740	0350A
3/8"	385	20-110Nm	960	0535
1/2"	535	40-210Nm	1700	0645
1/2"	645	70-350Nm	2540	0645A
3/4"	865	100-500Nm	3660	0865
3/4"	1092	140-700Nm	5940	1092
3/4"	1230	140-980Nm	6460	1230
1"	1230	140-980Nm	6460	1230A

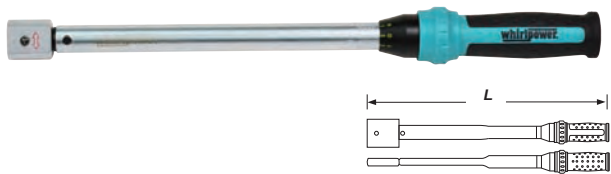


- Pull the automatic locking collar down at the top of handle.
- Turn the handle: clockwise rotation to increase the torque value
counterclockwise rotation to decrease the torque value.
- Release the automatic locking collar. It will lock automatically.
- When it is not used, be sure to set the torque to the lowest value.

TORQUE TOOLS

168-7

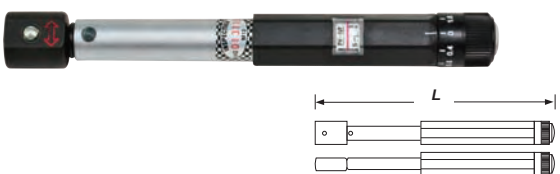
Interchangeable Torque Handle



mm	L mm	Torque Range min - max	g	Code
14x18	415	20-110Nm	850	0415
14x18	470	40-210Nm	1140	0470

168-8

Interchangeable Torque Handle



mm	L mm	Torque Range min - max	g	Code
9x12	190	3-15Nm	219	0190

168-3

Torque Multiplier

Torque Ratio : Output/Input=3/1

Input:1/2"DR.(F), Max:500Nm/365Ft-LB
Output:3/4"DR.(M), Max:1500Nm/1100Ft-LB

Torque Ratio : Output/Input=3/1

Input:3/4"DR.(F), Max:1000Nm/730Ft-LB
Output:1"DR.(M), Max:3000Nm/2200Ft-LB



Input Square	Output Square	D mm	H mm	L mm	g	Code
1/2"	3/4"	73	84	420	3090	420
3/4"	1"	92	104	500	6490	500

168-4

Preset Torque Screwdriver ±6%

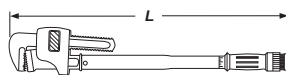
- Torque value range 0.1 Nm ~ 3.5Nm.
- Customized torque setting by order. When operation reaches torque setting, ratchets will stop applying more torque. Fixed torque without external scale prevents risks of setting wrong adjustments. This tool is suitable for one-off jobs and production lines.



	L mm	Torque Value Nm	g	Code
4	97	0.1	32	09701
4	97	0.5	32	09705
4	97	1.0	32	09710
4	130	1.2	130	13012
4	130	1.8	130	13018
4	130	2.5	130	13025
4	130	3.0	130	13030

1681-10

Adjustable Pipe Torque Wrench



L mm	Pipe Capacity (mm)	Torque Range min - max	kg	Code
825	63	70-350Nm	3.70	0825
920	63	100-500Nm	4.30	0920

1682-1

Ratchet Head



Size	Driver	B mm	H mm	L mm	g	Code
1/4"	9x12	27	20.5	56	84	14
1/2"	14x18	36	31.5	78	222	12
1/2"	14x18	47	37.0	94	412	12A

MEASUREMENT AND TORQUE TOOLS

1682-2

Open Ended Head



Size	Driver	B mm	H mm	L mm	g	Code
13	14x18	35	07	62.9	148	13
14	14x18	35	08	63.3	154	14
15	14x18	35	08	63.7	154	15
17	14x18	38	09	64.6	173	17
19	14x18	42	10	65.4	193	19
22	14x18	53	11	66.7	222	22
24	14x18	53	11	67.5	225	24
26	14x18	60	13	70.8	273	26
27	14x18	60	13	70.8	281	27
29	14x18	66	14	74.1	312	29
30	14x18	66	14	74.1	312	30

1682-4

Hook Head



Clamping Range mm	Driver	g	Code
43.0±5	14x18	272	43
60.0±5	14x18	272	60
72.0±5	14x18	292	72
50.0±5	14x18	262	50
63.2±5	14x18	260	63
82.0±5	14x18	296	82
32.0±5	14x18	236	32

1683-1

Torque Tester

- Accuracy : ± 1%
- Unit Selection: in Nm, ft.lb, in.lb, kg-m
- Operating temperature : +5°C to +40°C
- Storage temperature : -20°C to +70°C
- Sampling rate : 333 SPS
- Auto reset hold time : 2 seconds
- Real time torque reading
- AC 100~240V 50~60HZ / DC 9~24V
- Aluminum alloy house

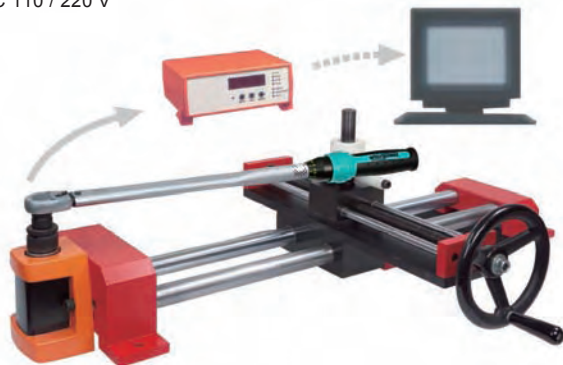


Capacity	g	Code
7.5-150Nm	3440	150
25-500Nm	4060	500

1683-2

Torque Wrench Calibrator

- Accuracy: ±1%
- Unit Selection: in.lb/ft.lb/cNm/Nm/kg-cm/kg-m
- Operating temperature : -15°C ~ 55°C
- Storage temperature : -40°C ~ 85°C
- Humidity : 0-90%
- Power source : AC100-240V / 50-60HZ
- Output : RS232C
- AC 110 / 220 V



Capacity	kg	Code
10-100Nm	86.7	100
20-500Nm	88.8	500
40-1000Nm	88.9	1000
70-2000Nm	92	2000



TORQUE SETS

168-0311

Torque Wrench Set, 11pcs



Q'ty	Series	Contents	g
6	16141-11	1/2" Sockets, 6-Point 17, 19, 21, 22, 24, 27mm	2670
4	16147-61	1/2" Bit Sockets, HX, 24mm 6, 8, 10, 12mm	
1	168-6	1/2" Torque Wrench, 40-210Nm	

168-0411

Interchangeable Torque Handle Set, 11pcs



Q'ty	Series	Contents	g
1	1682-1	1/2" Ratchet Head, 14x18	4080
9	1682-2	Open Ended Heads, 14x18 13, 14, 15, 17, 19, 22, 24, 27, 30mm	
1	168-7	Interchangeable Torque Handle 40-210Nm	

168-0511

Interchangeable Torque Handle Set, 11pcs



Q'ty	Series	Contents	g
1	1682-1	1/4" Ratchet Head, 9x12	735
8	1682-3	Open Ended Heads, 9x12 5.1, 5.8, 6.1, 6.3, 6.4, 6.5, 6.7, 6.9mm	
1	1682-31	Open Ended Head, 6PT Spline	
1	168-8	Interchangeable Torque Handle 3-15Nm	

168-0608

Interchangeable Torque Handle Set, 8pcs



Q'ty	Series	Contents	g
7	1682-4	Hook Heads, 14x18 32, 43, 50, 60, 63, 72, 82mm	3660
1	168-7	Interchangeable Torque Handle 40-210Nm	

168-0708

Interchangeable Torque Handle Set, 8pcs



Q'ty	Series	Contents	g
1	1682-1	1/2" Ratchet Head, 14x18	3250
6	1682-2	Open Ended Heads, 14x18 17, 22, 24, 26, 27, 29mm	
1	168-7	Interchangeable Torque Handle 20-110Nm	



8.

MEASURING TOOLS

228~230

