

**TWM | MANUAL TORQUE WRENCHES -
CLICK TYPE**

Choice of 7 models with torque range from 10 to 850 Nm (7 to 630 lbf.ft)
Dual scale torque reading adjustment in Nm & lbf.ft
Repeatable accuracy of +/- 3% and supplied with individual calibration certificate



- ▶ Reversible square drives sizes from 3/8" to 3/4"
- ▶ Robust steel construction with corrosion resistant finish
- ▶ Heavy duty ratchet head with audible click when pre-set torque achieved

Model	Square drive	Torque range (Nm)	Overall length (mm)
TWM50	3/8"	10 - 50	334
TWM100	1/2"	20 - 100	394
TWM200	1/2"	40 - 200	485
TWM300	1/2"	60 - 300	577
TWM400	3/4"	80 - 400	686
TWM550	3/4"	110 - 550	956
TWM850	3/4"	250 - 850	1379

**TWP | PISTOL GRIP PNEUMATIC TORQUE
MULTIPLIERS**

Torque capacities up to 6000 Nm
Repeatable accuracy of +/- 5%
Lightweight and durable construction



- ▶ Air driven, single stage torque multipliers offering torque capacities from 200 to 6000 Nm (150 to 4400 lbf.ft)
- ▶ Ultra lightweight and durable construction with powerful performance for accurate tightening of bolted components
- ▶ Reversible, pistol grip design air motor allows for bi-directional torqueing

Model	Torque capacity (Nm)	Square drive size	R.P.M. at max pressure
TWP09S	200 - 900	3/4"	24
TWP15S	300 - 1500	1"	12
TWP22S	500 - 2200	1"	7
TWP32S	800 - 3200	1"	4
TWP40S	850 - 4200	1"	4
TWP60S	1200 - 6000	1 1/2"	4

**HTW | MANUAL TORQUE WRENCHES -
BREAK BACK TYPE**

Torque capacities from 300 to 2000 Nm
Repeatable accuracy +/- 4%
Dual scale Nm & lbf.ft



- ▶ Choice of 3/4" or 1" square drive sizes
- ▶ Robust steel construction with corrosion resistant finish
- ▶ Push-through square drive for bi-directional torque control

Model	Square drive	Torque range (Nm)	Overall length (mm)
HTW1000B	3/4"	300 - 1000	1475
HTW1500B	3/4"	700 - 1500	1475
HTW1800B	1"	700 - 1500	1475
HTW2000B	1"	900 - 2000	1920

**TWS-N | HYDRAULIC TORQUE WRENCHES -
SQUARE DRIVE**

Torque capacities up to 36992 Nm
Torque accuracy of +/- 3%

Working pressure 700 bar



- ▶ Compact, lightweight aluminium body construction
- ▶ Output torque capacities from 1727 to 36992 Nm (1254 to 26860 lbf.ft)
- ▶ Choice of square drive sizes from 3/4" to 2 1/2"

Model	Torque capacity (Nm)	Square drive size	Weight with Reaction
TWS17N	1727	3/4"	1.9
TWS45N	4529	1"	4.8
TWS100N	10064	1 1/2"	9.0
TWS150N	14974	1 1/2"	15.0
TWS370N	36992	2 1/2"	32.5

IP | PNEUMATIC IMPACT WRENCHES

Industrial heavy duty design
Square drive sizes from 1/2" to 1 1/2"
Torque capacities up to 5933 Nm



Model	Square drive size	Maximum torque Nm	Maximum torque lbf.ft
Pistol grip versions			
IP850	1/2"	850	627
IP1700	3/4"	1700	1254
IP1700X	3/4"	1700	1254
Back handle grip versions			
IP3200	1"	3185	2350
IP3200X	1"	3185	2350
IP5950	1 1/2"	5933	4376

**TWG | MANUAL TORQUE
MULTIPLIERS**

Torque capacities up to 10000 Nm
Lightweight aluminium housing
Supplied complete with reaction arm



- ▶ Choice of output square drives of 3/4", 1" and 1 1/2"
- ▶ Suitable for use with Hi-Force TWM range of hand torque wrenches listed on page 11
- ▶ Compact design for easy fitment

Model	Torque Capacity (Nm)	Gearbox ratio	Input Square Drive	Output Square Drive
TWG13	1300	5:01	1/2"	3/4"
TWG20	2000	4:01	3/4"	1"
TWG28	2800	5.5:1	3/4"	1"
TWG40	4000	16:01	1/2"	1"
TWG60	6000	18:01	3/4"	1 1/2"
TWG100	10000	28.5:1	3/4"	1 1/2"

**TWH-N | HYDRAULIC TORQUE WRENCHES -
LOW PROFILE HEXAGON**

Torque capacities up to 48181 Nm
Torque accuracy of +/- 3%
Working pressure 700 bar



- ▶ Lightweight, high grade aluminium body (excluding TWH430N)

- ▶ Output torque capacities from 2625 to 48181 Nm (1906 to 34985 lbf.ft)

- ▶ Low profile design for direct in-line reaction

Model	Torque capacity (Nm)	Hexagon AF Size Metric min	Hexagon AF Size Imperial min	Hexagon AF Size max	Weight (kg)
TWH27N	2625	24	46	1 1/16" 1 13/16"	1.4
	3068	50	60	2" 2 3/8"	1.4
TWH54N	5372	36	65	1 7/16" 2 1/16"	2.3
	6037	70	80	2 3/4" 3 1/8"	2.3
TWH120N	11737	50	80	2 3/16" 3 1/8"	3.8
	14349	85	100	3 1/2" 3 7/8"	3.8
TWH210N	21216	70	100	2 3/4" 3 7/8"	6.4
	23124	105	115	4 1/4" 4 5/8"	6.4
TWH430N	43792	80	115	3 1/8" 4 5/8"	16.1
	48181	130	175	5" 6 7/8"	16.1