

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
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High Accuracy Torque Wrench with unmatched safety & accuracy

48 teeth Ratchet allows for an engagement angle of 7-1/2° which is ideal; providing both precise adjustment & non slip use

Chrome-Molybdenum alloy Steel Square Drive

To set required torque

- press safety button & pull out adjustment ring
- Turn ring to the desired value
- Press the safety button again & push back adjustment ring
- Wrench is set at desired torque & ready for use

Fully secure locking mechanism avoids accidental/forced adjustment

To tighten fasteners, move Torque Wrench in clockwise direction. Reversing the ratchet allows the wrench to be used in anti-clockwise direction, used for loosening nuts & fasteners

Clearly audible click sound on reaching the required torque

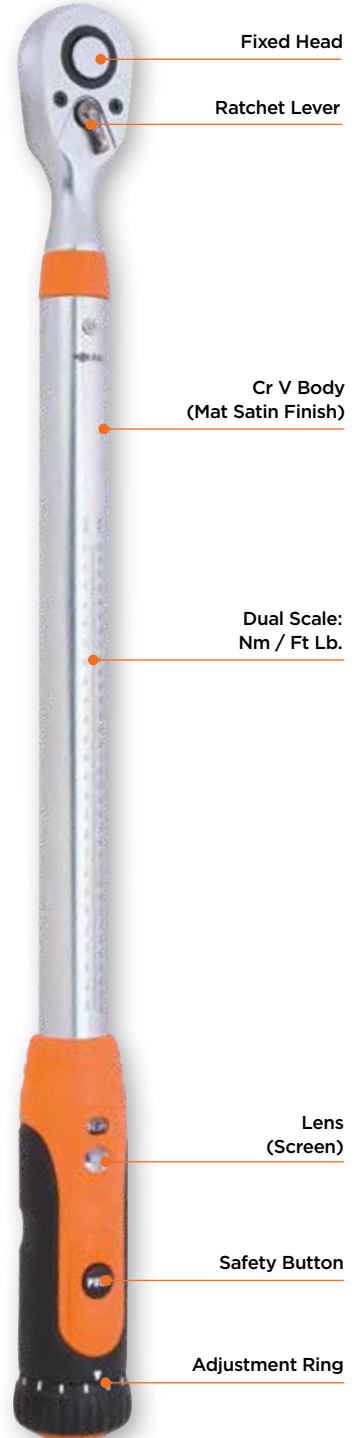
Lightweight with a comfort grip handle & lens for clear reading of the set value

Accurate to ± 4% of reading

Each unit is individually serial numbered & includes calibration certificate traceable to International Standards Institute

Fully serviceable, repair kits available as spare

Ft-lb models can be custom manufactured



ACCURACY

± 4% OF READING

ORDERING INFORMATION

CAT NR.	ORD NR.	SQUARE DRIVE	TORQUE RANGE	FINE SCALE	OVERALL LENGTH		NET WT.
		(INCH)	(NM)	(NM)	(INCH)	(MM)	(KGS)
TQW/RT/3-8/25	38905	3/8	5 - 25	0.1	12.7	323	0.765
TQW/RT/3-8/50	38906	3/8	10 - 50	0.5	15.7	400	0.983
TQW/RT/1-2/100	38910	1/2	20 - 100	0.5	15.7	400	0.998
TQW/RT/1-2/200	38911	1/2	40 - 200	0.5	20.4	517	1.36
TQW/RT/1-2/340	38912	1/2	60 - 340	1	24.4	620	1.73
TQW/RT/3-4/750	38922	3/4	150 - 750	2.5	47.6	1210	5.85
TQW/RT/0-1/1000	38926	1	200 - 1000	2.5	59.0	1500	7.43
D10	00509	Torque wrench merchandiser stand (Torque wrench not included)					

NEW!

Manufactured to the highest level of DIN ISO 6789 & ASME B107.14M.-2004

Accurate to $\pm 4\%$ of reading

Solid steel construction for enhanced durability

Clearly Audible

Click sound on reaching the required torque

Scale reading made easy with four torque readings engraved on the steel body

Reversible Square Drive

Direction of use can be changed/reversed by pushing the square drive to the opposite side

Convenient retracting lever provides quick and easy torque adjustment

Anti-slip grip provides comfort during continuous use

Comes with calibration certificate in a safe to store & carry blow moulded case



Convenient Retracting Lever
Provides quick and easy torque adjustment

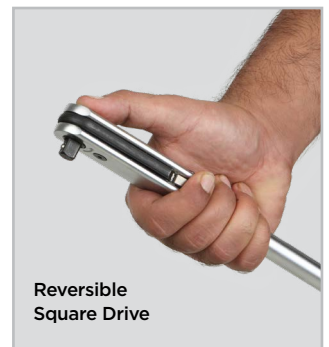
Easy scale reading
Scale reading made easy with 4 Torque readings stamped on the steel body

Reliability
Confirms to DIN ISO 6789 & ASME B. 107.14M-2004 standards

Accuracy
The Classic Adjustable Torque Wrenches deliver accuracy of upto $\pm 4\%$

Solid Construction
Provides extra life to the torque wrench

Compact design
For easy access in confined spaces



Reversible Square Drive

ACCURACY

$\pm 4\%$

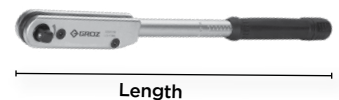
CONFORMS TO

DIN 6789
ASME B107.300-2010

IMPULSE - SOUND TORQUE INDICATIONS

ORDERING INFORMATION

CAT NR.	ORD NR.	SQUARE DRIVE (INCH)	TORQUE RANGE		OVERALL LENGTH		NET WT. (KG)
			(NM)	(FT-LB)	(INCH)	(MM)	
TQW/CL/3-8/33	38930	3/8	5-33	4-24	16-5/8	422	0.720
TQW/CL/3-8/68	38931	3/8	12-68	10-50	18-23/32	476	1.05
TQW/CL/1-2/135	38932	1/2	25-135	20-100	21-1/2	546	1.60
TQW/CL/1-2/225	38933	1/2	50-225	40-160	23-1/2	597	2.30
TQW/CL/1-2/330	38934	1/2	70-330	50-250	32-1/2	825	2.60
TQW/CL/3-4/800	38935	3/4	200-800	140-600	42-1/8	1070	7.58
TQW/CL/0-1/1000	38936	1	200-1000	140-740	55	1400	12.80



Length



Comes packed in a blow moulded case

40 Aluminium Torque Wrenches

TQW/AL

World's lightest precision torque wrench with unmatched features

NEW!

50% Lighter
Lightweight yet robust aluminium construction makes this range of torque wrenches at least 50% lighter than corresponding steel models.

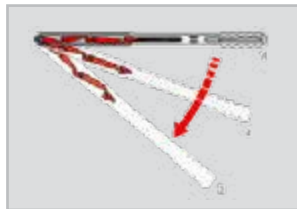


Perfect ergonomics & lightweight body makes these ideal for fatigue free usage in heavy workshop applications

Complete with extension bar for added leverage

Torque Indication
Progressive torque building upto the pre-set value easily detected by an audible sound & impulse

Sturdy Storage
Supplied in rugged blow moulded case for extra care and protection for your valuable tool



Integrated 3 Lever Chain Mechanism
Length independence, high accuracy and reliability every time over time



Length Independent
Irrespective of where the force is applied, whether in the middle of the handle or elsewhere, with both hands or with an extension tube, the torque value is always within an accuracy of +/- 3%



Dual Scale Window
Clear window for reading in NM and lbf-ft*



Torque Adjustment
Secure push-pull knob with integrated hex key for easy setting of torque

ACCURACY

±3%

CONFORMS TO

DIN 6789
ASME B107.300-2010

IMPULSE - SOUND TORQUE INDICATIONS



Chrome Molybdenum
Square Drive: for higher strength and durability



Added Leverage
Supplied with an aluminium tube extension for increased leverage while tightening at high torque values

ORDERING INFORMATION

CAT NR.	ORD. NR.	SQ DRIVE	TORQUE RANGE		GRADUATION	OVERALL LENGTH		NET WT.
		(INCH)	(NM)	(LBF.FT)		(INCH)	(MM)	
TQW/AL/3-4/760	38940	3/4	140-760	100-560	10	32-1/2	827	3.0
TQW/AL/0-1/2000	38941	1	750-2000	N/A	50	93	2370	11.7

*Only on 3/4". On 1" single window with reading in N-m only

NEW!

A range of superior digital torque wrenches for high productivity & accuracy

Button controls for angle setting*, torque setting, unit setting, mode setting, data storage**, data clear, data output & online calibration

Manufactured from Chrome Vanadium Steel with Chrome Molybdenum square drive for increased resistance to wear

Functions in both clockwise & anticlockwise direction

Interchangeable Head

The same wrench is suitable for use with two sizes of square drives. Heads available as spare too

Light & sound indication on reaching required torque.

Electronic display panel for clear reading of torque. Measure in NM, ft-lb, inch-lb & kg-cm

With both peak & track mode unlike most other models that come with just peak mode

Built-in overload indicator and moisture indicator

Works with 2xAA batteries with a life of 110 hours

Each unit supplied with calibration certificate. Online calibration also provided

Comes in a safe to store and carry blow moulded case

GROZ offers 3 types of Digital Torque Wrenches

- a. STANDARD SERIES
- b. PRO SERIES
- c. PRO+ SERIES



Interchangeable Head



LED Panel turns from green to red on reaching required torque level



12 LED light panel located on sides of the handle for clear visibility while working sideways

PRO+ SERIES

ORDERING INFORMATION

CAT NR.	ORD NR.	SIZE	DRIVE	FOR USE WITH
		(MM)	(INCH)	
SPARE HEAD ONLY				
HD/TQW/9-12/3-8	38850	9 x 12	3/8	TQW/DI-AM/3-8/135, TQW/DI-M/3-8/135, TQW/DI/3-8/135
HD/TQW/9-12/1-2	38851	9 x 12	1/2	TQW/DI-AM/1-2/135, TQW/DI-M/1-2/135, TQW/DI/1-2/135
HD/TQW/14-18/1-2	38852	14 x 18	1/2	TQW/DI-AM/1-2/340, TQW/DI-M/1-2/340, TQW/DI/1-2/340
HD/TQW/14-18/3-4	38853	14 x 18	3/4	TQW/DI-AM/3-4/340, TQW/DI-M/3-4/340, TQW/DI/3-4/340

TORQUE ACCURACY	ANGLE ACCURACY
±2% cw ±3% ccw	±2°

* Only on PRO+ Series

** Only on PRO & PRO+ Series

A. STANDARD SERIES

- With interchangeable head and 4 control buttons

Resolution:
0.1N-m/ 0.1 ft-lb/1 in-lb/1 kg-cm
LED Pattern:
4 red + 8 green

CAT NR.	ORD NR.	SQUARE DRIVE	TORQUE RANGE				TORQUE ACCURACY	END FITTING SIZE (HXW)
		(INCH)	(NM)	(FT-LB)	(IN-LB)	(KG-CM)		(MM)
TQW/DI/3-8/135	38800	3/8	6.8 - 135	5 - 99.5	60 - 1195	69 - 1378	± 2% CW, ± 3% CCW	9 X 12
TQW/DI/1-2/135	38801	1/2	6.8 - 135	5 - 99.5	60 - 1195	69 - 1378		9 X 12
TQW/DI/1-2/200	38802	1/2	10 - 200	7.4 - 147.5	88 - 1770	102 - 2041		14 X 18
TQW/DI/1-2/340	38803	1/2	17 - 340	12.5 - 250.7	150 - 3009	173 - 3469		14 X 18
TQW/DI/3-4/340	38804	3/4	17 - 340	12.5 - 250.7	150 - 3009	173 - 3469		14 X 18

B. PRO SERIES (WITH MEMORY FUNCTION)

- With interchangeable head, memory function that can store up to 50 readings
- Operator can store up to 9 pre-set torque values - a time saving feature in repetitive applications

Resolution:
0.1N-m/ 0.1 ft-lb/1 in-lb/1 kg-cm
LED Pattern:
2 red + 10 green

CAT NR.	ORD NR.	SQUARE DRIVE	TORQUE RANGE				TORQUE ACCURACY	END FITTING SIZE (HXW)
		(INCH)	(NM)	(FT-LB)	(IN-LB)	(KG-CM)		(MM)
TQW/DI-M/3-8/135	38810	3/8	6.8 - 135	5 - 99.5	60 - 1195	69 - 1378	± 2% CW, ± 3% CCW	9 X 12
TQW/DI-M/1-2/135	38811	1/2	6.8 - 135	5 - 99.5	60 - 1195	69 - 1378		9 X 12
TQW/DI-M/1-2/200	38812	1/2	10 - 200	7.4 - 147.5	88 - 1770	102 - 2041		14 X 18
TQW/DI-M/1-2/340	38813	1/2	17 - 340	12.5 - 250.7	150 - 3009	173 - 3469		14 X 18
TQW/DI-M/3-4/340	38814	3/4	17 - 340	12.5 - 250.7	150 - 3009	173 - 3469		14 X 18

C. PRO+ SERIES (WITH MEMORY & ANGLE FUNCTION)

- Most versatile single wrench for torque & angle tightening, eliminates the need to buy a separate angle wrench
- Angle tightening eliminates any friction issue thus ensuring complete safety
- Store up to 9 pre-set torque values - a time saving feature in repetitive applications
- Memory function that stores upto 50 readings

Resolution:
0.1N-m/ 0.1 -lb/1 in-lb/1 kg-cm & 1°
LED Pattern:
2 red + 10 green

ORDERING INFORMATION

CAT NR.	ORD NR.	SQUARE DRIVE	TORQUE RANGE				TORQUE & ANGULAR ACCURACY	END FITTING SIZE (HXW)
		(INCH)	(NM)	(FT-LB)	(IN-LB)	(KG-CM)		(MM)
TQW/DI-AM/3-8/135	38820	3/8	6.8 - 135	5 - 99.5	60 - 1195	69 - 1378	± 2% CW, ± 3% CCW & ± 2°	9 X 12
TQW/DI-AM/1-2/135	38821	1/2	6.8 - 135	5 - 99.5	60 - 1195	69 - 1378		9 X 12
TQW/DI-AM/1-2/200	38822	1/2	10 - 200	7.4 - 147.5	88 - 1770	102 - 2041		14 X 18
TQW/DI-AM/1-2/340	38823	1/2	17 - 340	12.5 - 250.7	150 - 3009	173 - 3469		14 X 18
TQW/DI-AM/3-4/340	38824	3/4	17 - 340	12.5 - 250.7	150 - 3009	173 - 3469		14 X 18

NEW!

Heavy duty torque multiplier provides mechanical advantage in applying high torque to tighten nuts & bolts

Particularly used for high torque application

Chrome Vanadium construction with Chrome Molybdenum square drive & Chrome Molybdenum reaction bar

Planetary gear train mechanism multiplies the input torque as per the multiplication factor to deliver the output torque

Torque multiplicative factor reduces operator effort by upto 75%

Replaces the use of long levers, which can be potentially dangerous

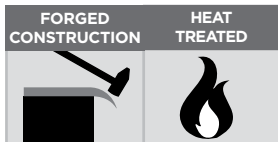
Includes breakaway adaptor to prevent damage to the multiplier in case excess torque is applied

Comes complete with straight reaction bar, breakaway adaptor & hex key in a blow moulded case



CrMo Square Drive

Straight reaction bar



SPECIFICATIONS

DESCRIPTION	1:6.5 TORQUE MULTIPLIER 1500 Nm (1100 lb ft)	1:3.3 TORQUE MULTIPLIER 2500 Nm (1840 lb ft)
	Max. Torque	1500 (1100 lb ft)
Torque ratio	1 : 6.5	1 : 3.3
Gear ratio	1 : 9	1 : 4
Max. Input torque	231 Nm (170 lb ft)	758 Nm (560 lb ft)
Max. Output torque	1500 Nm (1100 lb ft)	2500 Nm (1840 lb ft)
Input drive	1/2"	3/4"
Output drive	3/4"	1"
Accuracy	±10%	±10%

ORDERING INFORMATION

CAT NR.	ORD NR.	MAX. TORQUE	
		(NM)	(LB FT.)
TQM/1-2/3-4/15	38995	1500	1100
TQM/3-4/0-1/25	38996	2500	1840



Torque multiplier used in inaccessible areas



Torque multiplier used for lug nuts



Torque multiplier used on tracks



Torque multiplier used for machine nut tightening

DIGITAL TORQUE ADAPTOR WITH TYRE PRESSURE GAUGE

Product Brief

Digital Torque Adaptor comes with an in-built **Tire Pressure Gauge** making it a must have for every mechanic

After tightening tire bolts, user can take measurement of tire pressure with the same tool

Large easy to read LCD display with backlight & a resolution of 0.1 Nm (0.1 lb-ft) / 0.1 PSI

Light & sound indication with three LED lights which turn from Green to Red on reaching the required torque level

Measures Torque in 5 units: Nm, Lb-ft, In-ft, kg-m, Kg-cm

Measure Pressure in 4 Units: PSI, Kpa, Bar, Kg-cm

Memory function that can store up to 50 readings

WORKING MODES:

Mode 1:

Digital Torque Adaptor

Mode 2:

Tire Pressure Gauge

Works with 2 AAA batteries with a life of 50 continuous working hours

Each unit is supplied with calibration certificate.

Comes in a safe to store & carry blow moulded case



SPECIFICATIONS

SPECIFICATIONS		TORQUE ACCURACY	CONFORMS TO	WORKING TORQUE	WORKING PRESSURE
SQUARE DRIVE 1/2"		±2%	ISO 6789	40 - 200 NM (29.5 - 147.6 LB-FT)	1 - 100 PSI
MODE	Trace/Peak				
BACKLIGHT	Yes				
ALERT	LED & Buzzer				
SIZE	75 mm (3")				
WEIGHT	230 gms (0.5 lbs)				
OPERATING AMBIENT TEMPERATURE	-10°C to 60°C (14°F to 140°F)				
STORAGE TEMPERATURE	-20°C to 70°C (-4°F to 158°F)				
AUTO SHUT-OFF	60 seconds				

CAT NR.

ORD. NR.

TQA/D/200/100

38890

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