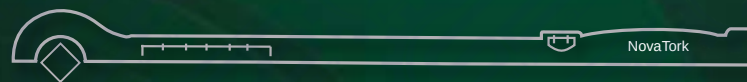


NovaTork®

Professional Torque Tool Manufacturer



Ver 2023 eB_D05



ABOUT US



20+ YEARS
PRODUCTION EXPERIENCE



SOLD TO **40+**
COUNTRIES AND REGIONS



40+ EXCLUSIVE PATENTS
5 INVENTION PATENTS



50+ PRODUCT SERIES
1000+ SPECIFICATIONS

Shanghai UB Machinery Co., Ltd.

is a professional company devoted to R&D, design, manufacture and global sales of torque tools. The brand builder of "NovaTork".

Founded in 2002, our factory is located in Shanghai Fengxian Qianqiao Industrial Park, covering an area of 40,000 square meters.

Our company mastered the core technology of American torque tools and keeps on developing and innovating, thus being one of the few companies in the world that can produce a full range of torque products, including various torque wrenches, interchangeable heads of torque wrenches, torque testers and stands, torque multipliers, torque screwdrivers, and wireless transmission torque applications.

Our Goal is: **To provide the first class technologies, products and services!**



APPLICATIONS

"NovaTork" products have been widely used in many fields such as high speed rail, medical, aerospace, wind power, ship, communication equipment, automobile, auto repair and so on.

BRIEF HISTORY

- 2002 Was established jointly by Erying Yue and Mr. Jan Stasiek who was a former chairman of American Hand Tool's Institute's Torque Wrench Standards Committee and has over 40 years of proven and successful experience in the field of torque technology.
- 2010 Was certified as the "High-tech Enterprise" by Shanghai Municipal Government.
- 2011 Obtained high-tech achievements conversion project.
- 2012 Was awarded with Shanghai Innovation Fund and National Innovation Fund.
- 2013 Obtained the title of "China Tool Top-Brand Enterprise".
- 2014 Was awarded "Gold Plus Supplier" by Alibaba.
- 2015 Was awarded the "Safety Production Standardization" certification.
- 2016 Became the membership of National Hardware Tools Standardization Committee.
- 2017 Was certified as the "Technological Enterprise".
- 2018 Was interviewed by the documentary program "Quality" from CCTV Discovery.
- 2019 Was appraised as the "Shanghai science and technology little giant enterprise".
- 2020 Was rated as a "specialized and innovative" enterprise by Shanghai Government.
- 2021 Was awarded as a national-level specialized "Little Giant" enterprise.
- 2022 Was awarded as one of the "Manufacturing Champion Companies" in China.



FACTORY OVERVIEW

MACHINING CENTER, AUTOMATIC PRODUCTION LINE, ASSEMBLING LINE, ETC.



WAREHOUSE FOR PARTS, MOLD, FINISHED PRODUCTS, INSPECTION, ETC.

R&D LAB, CALIBRATING & TESTING, OFFICE, ETC.



Torque Wrench



STM series **P2**

Lager View Window Scale (Click)
Torque Wrench



G / GS(for mini size) series **P4**

Micrometer Adjustable (Click)
Torque Wrench



EJ / ER(with storage) / EA(with angle)

Electronic Torque Wrench **P9**

Function Comparison of EJ/ER/EA, & Calculation of Non-Standard Inserts **P15**



PC series **P16**

Preset Torque Wrench



DC series **P18**

Digi-Click Mechanical Torque Wrench



C series **P20**

Adjustable (Click) Double Window Scales
Torque Wrench



DS series **P22**

Dial Torque Wrench



AUMR series **P25**

Ratchet Head Aluminum Torque Wrench



PW series **P27**

Pneumatic Torque Wrench



SL series **P28**

Slipper Torque Wrench



TEC series **P29**

Telecom-Specific
Torque Wrench



BWM series **P30**

Break-Free
Torque Wrench



Torque Wrench For Dentistry **P31**



RWT series **P33**

Railway Electronic
Torque Wrench



DC-00TX(QC) series

Wired Transmitter for
Preset Torque Wrench

P32



WE_B series **P34**

WiFi Multifunctional Electronic
Torque Wrench System

INDEX



MS series P38
Mechanical
Torque Screwdriver



ES series P39
Digital
Torque Screwdriver



PX series P40
Preset Airline
Torque Screwdriver



For Medical Treatment P41
Mini Preset
Torque Screwdriver

Torque Screwdriver

Torque Multiplier



P43
M series
(M3/M5/M25)



P44
LM series

Torque Tester



TEM series P46
Torque Tester



TES series P47
Torque Tester



TS series P48
Manual Testing Loader



TS-TEM-CH series P49
Trolley for Torque Wrench Testing

Torque Wireless System



DC-04WX series P51
Wireless Transmitter System
for Preset Torque Wrench

WE_B series P53

(See details on P34)
WiFi Multifunctional
Electronic Torque Wrench System



Torque Wrench Fittings

Guide for Torque Wrench Fittings on P55



**Services &
Customized Cases P77-78**

**The Knowledge
of Torque P79**

Note: Due to the product improvement, the technical parameters are subject to variation, please confirm with the supplier when placing an order.

NovaTork®

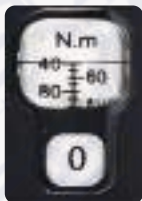
Torque Wrench





STM Series Larger View Window Scale (Click) Torque Wrench

- Accuracy: $\pm 4\%$ of the reading value.
- Unique window scale with fine increments.
- Ergonomic, non-slip handle.
- Push/Pull end cap to secure the set torque value from accidental change.
- This wrench is longer than normal torque wrench, more efficiently while long time using.
- Alloy tube, chrome plated, high strength, more durable.
- Various kinds of heads designed for different applications:
 - STM model: Reversible ratchet head for both Clockwise and Counter-clockwise operation and can be operated with 8 degrees swing in small spaces.
 - STMX model: Push-through ratchet head for clockwise and counter-clockwise operation.
 - STML / STL model: Tear-shaped ratchet head, both directions, easily operated reverse lever.
 - STMH model: Head holder, for 9x12, 14x18, 24x32mm rectangular shank heads.
 - STMR model: Round head holder $\Phi 16$, $\Phi 22$ mm accommodate varied relevant round hole inserts.



Double Window Scales



① Pull to unlock

② Turn the handle to adjust the torque

③ Push to lock

STM Model

Reversible Ratchet Head Torque Wrench

Both directions, 8° swing suitable for confined space



Matching Sockets

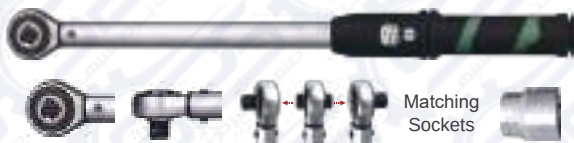
Metric

Item No.	Square Drive	Torque Range		Increment	Length	Width	Weight
		N.m	Lb.ft				
STM125	1/4"	5-25	4-20	0.2	321	30	0.82
STM250	3/8"	10-50	8-40	0.5	387	38	1
STM260	3/8"	10-60	9-45	0.5	387	38	1
STM2100	3/8"	20-100	15-75	0.5	433	38	1.1
STM3100	1/2"	20-100	15-75	0.5	433	38	1.1
STM3150	1/2"	30-150	25-115	1	463	40	1.2
STM3200	1/2"	40-200	30-150	1	491	40	1.25

Item No.	Square Drive	Torque Range		Increment	Length	Width	Weight
		N.m	Lb.ft				
STM3300	1/2"	60-300	45-225	1.5	551	40	1.4
STM3340	1/2"	60-340	50-250	2	551	40	1.4
STM3400	1/2"	80-400	60-300	2	700	40	1.65
STM4550	3/4"	100-550	80-405	3	807	57	3.1
STM4750	3/4"	150-750	110-550	5	1105	60	4
STM41000	3/4"	200-1000	150-750	5	1105	60	4
STM51500	1"	300-1500	200-1100	10	1260	72	4.5

STMX Model

Push-Through Ratchet Head Torque Wrench
Both Clockwise and Counter-clockwise operation



Metric

Item No.	Square Drive	Torque Range		Increment	Length	Width	Weight
		N.m	Lb.ft				
STMX125	1/4"	5-25	4-20	0.2	328	27	0.84
STMX250	3/8"	10-50	8-40	0.5	392	37	1
STMX260	3/8"	10-60	9-45	0.5	392	37	1
STMX3100	1/2"	20-100	15-75	0.5	434	45	1.1
STMX3150	1/2"	30-150	25-115	1	504	45	1.25
STMX3200	1/2"	40-200	30-150	1	504	45	1.25
STMX3300	1/2"	60-300	45-225	1.5	556	45	1.4
STMX3400	1/2"	80-400	60-300	2	700	50	1.97
STMX4550	3/4"	100-550	80-405	3	924	70	3.67
STMX4750	3/4"	150-750	110-550	5	1076	70	4.1
STMX4850	3/4"	200-850	150-650	5	1207	70	4.5
STMX41000	3/4"	200-1000	150-750	5	1207	70	4.67
STMX51500	1"	300-1500	200-1100	10	1765	90	6.5
STMX52000	1"	400-2000	300-1500	10	1943	90	6.8

STML Model

Tear-Shape Ratchet Head Torque Wrench
Both directions, easily operated reverse lever



Metric

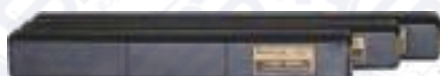
Item No.	Square Drive	Torque Range		Increment	Length	Width	Weight
		N.m	Lb.ft				
STML125	1/4"	5-25	4-20	0.2	346	32	0.85
STML250	3/8"	10-50	8-40	0.5	401	38	0.96
STML260	3/8"	10-60	9-45	0.5	401	38	0.96
STML3100	1/2"	20-100	15-75	0.5	448	41	1.08
STML3150	1/2"	30-150	25-115	1	484	41	1.27
STML3200	1/2"	40-200	30-150	1	513	41	1.27
STML3300	1/2"	60-300	45-225	1.5	573	41	1.37
STML3340	1/2"	60-340	50-250	2	573	41	1.37

English

Item No.	Square Drive	Torque Range		Increment	Length	Width	Weight
		Lb.ft	N.m				
STL4600	3/4"	100-600	150-800	5	1210	70	4.67
STL51000	1"	200-1000	250-1350	5	1210	70	6.5

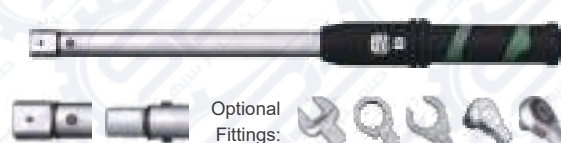
Shockproof packaging

Specially designed for all series of "NovaTork" torque wrench



STMH Model

Rectangular Shank Head Holder Torque Wrench
For rectangular shank head inserts



Metric

Item No.	Shank Size	Torque Range		Increment	Length	Width	Weight
		N.m	Lb.ft				
STMH925	9x12	5-25	4-20	0.2	315	24	0.7
STMH950	9x12	10-50	8-40	0.5	376	24	0.82
STMH960	9x12	10-60	9-45	0.5	376	24	0.82
STMH9100	9x12	20-100	15-75	0.5	417	24	0.9
STMH9150	9x12	30-150	25-115	1	456	24	1.1
STMH14150	14x18	30-150	25-115	1	460	32	1.15
STMH14200	14x18	40-200	30-150	1	478	32	1.2
STMH14300	14x18	60-300	45-225	1.5	538	32	1.2
STMH14400	14x18	80-400	60-300	2	694	32	1.6
STMH14550	14x18	100-550	80-405	3	869	32	2
STMH24550	24x32	100-550	80-405	3	919	56	2
STMH24750	24x32	150-750	110-550	5	1070	56	4
STMH24850	24x32	200-850	150-650	5	1137	56	4.2

STMR Model

Round Head Holder Torque Wrench
For round hole inserts



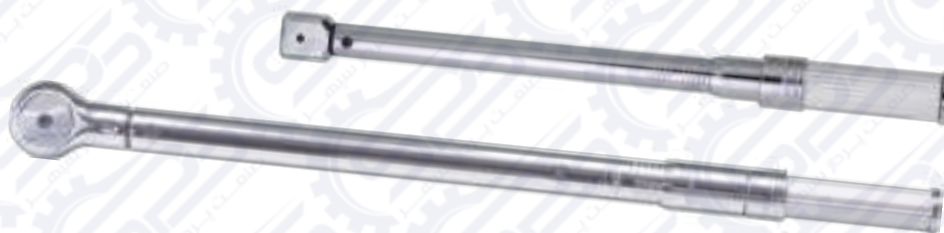
Metric

Item No.	Round Hole	Torque Range		Increment	Length	Width	Weight
		N.m	Lb.ft				
STMRI625	φ 16	5-25	4-20	0.2	319	43	0.78
STMRI650	φ 16	10-50	8-40	0.5	378	43	0.9
STMRI660	φ 16	10-60	9-45	0.5	378	43	0.9
STMRI6100	φ 16	20-100	15-75	0.5	420	43	0.99
STMRI6150	φ 16	30-150	25-115	1	478	43	1.1
STMRI6200	φ 16	40-200	30-150	1	478	43	1.1
STMRI6300	φ 16	60-300	45-225	1.5	538	43	1.2
STMRI6400	φ 16	80-400	60-300	2	700	43	1.3
STMR22550	φ 22	100-550	80-405	3	793	43	3.27
STMR22750	φ 22	150-750	110-550	5	1088	43	3.85
STMR22850	φ 22	200-850	150-630	5	1088	43	3.85

100% Calibrated

Unique serial number for each torque wrench, corresponding to the certificate of calibration





G Series Micrometer Adjustable (Click) Torque Wrench

- Accuracy: $\pm 4\%$ in clockwise direction from 20% to 100% of capacity.
- All steel construction, superb durability.
- Permanently stamped major and minor scales for precision torque values setting.
- Convenient Metric or English major scale with English or Metric secondary scale.
- Set torque by locking ring. The rebound self-locking structure can reliably lock the required torque.
- Grooved non-slip grip fits comfortably in your hand.
- Various kinds of heads designed for different applications:
 - GM / G model: Reversible ratchet head, fine-tooth ratchets suitable for operation in confined spaces requiring only 8 degrees swing.
 - GMH / GH model: Head holder for standard 9x12, 14x18, 24x32, 27x36mm rectangular shank heads.
 - GMR model: Round head holders for $\Phi 16$, $\Phi 22$ mm heads.



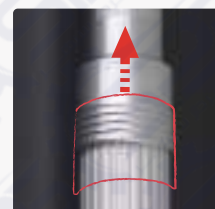
Torque Locking



- 1 Pull and hold the locking ring



- 2 Rotate the tube to adjust the torque by the other hand



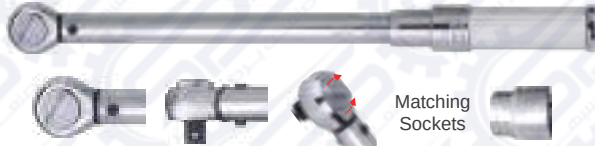
- 3 Release the locking ring after torque being set

GM Model

Reversible Ratchet Head Torque Wrench

Both directions, 8° swing suitable for confined space

G Model (English Unit)



Item No.	Square Drive	Torque Range		Increment	Length	Width	Weight
		N.m	Lb.ft				
GM112	1/4"	2.5-12	20-105*	0.1	290	38	0.68
GM120	1/4"	4.0-20	30-180*	0.1	290	38	0.68
GM230	3/8"	6.0-30	50-250*	0.2	318	38	0.82
GM330	1/2"	6.0-30	50-250*	0.2	318	38	0.82
GM260	3/8"	10-60	9-45	0.5	388	38	0.96
GM360	1/2"	10-60	9-45	0.5	388	38	0.96
GM2100	3/8"	20-100	15-75	0.5	443	38	1.04
GM3100	1/2"	20-100	15-75	0.5	443	38	1.04
GM2125	3/8"	25-125	20-90	0.5	443	38	1.04
GM3125	1/2"	25-125	20-90	0.5	443	38	1.04
GM3200	1/2"	40-200	30-150	1	468	40	1.16
GM3335	1/2"	65-335	50-250	1	528	40	1.3
GM4335	3/4"	65-335	50-250	1	528	40	1.34
GM4500	3/4"	100-500	80-400	2.5	855	60	5
GM4800	3/4"	160-800	120-600	4	1055	60	5.9
GM5800	1"	160-800	120-600	4	1055	60	5.9
GM41000	3/4"	200-1000	150-750	5	1055	60	5.9
GM51000	1"	200-1000	150-750	5	1055	60	5.9
GM51500	1"	300-1500	200-1100	5	1260	75	9.2
GM52000	1"	400-2000	300-1500	10	1260	75	9.2
GM53000	1"	600-3000	400-2000	15	1260	75	10.5
GM3200L	1/2"	40-200	30-150	1	525	40	1.29
GM3335L	1/2"	65-335	50-250	1	700	40	2.1
GM4335L	3/4"	65-335	50-250	1	700	40	2.15
GM51500L	1"	300-1500	200-1100	5	1600	75	13
GM52000L	1"	400-2000	300-1500	10	1600	75	13
GM53000L	1"	600-3000	400-2000	15	1840	75	15.2
GM4400S	3/4"	80-400	60-300	2	697	57	3.1
GM4500S	3/4"	100-500	80-400	2.5	700	57	3.1

*Unit is Lb.in; L is extended length version; S is shorten length version.

English

Item No.	Square Drive	Torque Range		Increment	Length	Width	Weight
		Lb.ft	N.m				
G1200	1/4"	40-200*	4.0-22	1.0*	280	38	0.68
G2250	3/8"	50-250*	6.0-30	1.0*	315	38	0.82
G2100	3/8"	20-100	25-135	0.5	425	38	1.04
G3100	1/2"	20-100	25-135	0.5	425	38	1.04
G3150	1/2"	30-150	40-200	0.5	505	40	1.16
G3250	1/2"	50-250	70-340	1	525	40	1.3
G4250	3/4"	50-250	70-340	1	525	40	1.34
G4400	3/4"	80-400	100-550	2	855	60	5
G4600	3/4"	100-600	150-800	2.5	1055	60	5.9
G5600	1"	100-600	150-800	2.5	1055	60	5.9
G51000	1"	200-1000	250-1350	5	1260	75	9.2
G52000	1"	400-2000	500-2700	10	1260	75	10.5
G3250L	1/2"	50-250	70-340	1	705	40	2.1
G4250L	3/4"	50-250	70-340	1	705	40	2.15

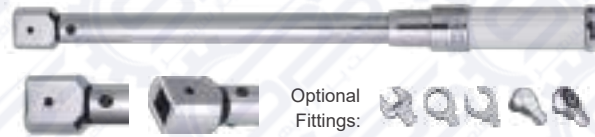
*Unit is Lb.in; L is extended length version.

GMH Model

Rectangular Shank Head Holder Torque Wrench

For rectangular shank head inserts

GH Model (English Unit)



Item No.	Shank Size	Torque Range		Increment	Length	Width	Weight
		N.m	Lb.ft				
GMH912	9x12	2.5-12	20-105*	0.1	284	38	0.58
GMH920	9x12	4.0-20	30-180*	0.1	284	38	0.58
GMH930	9x12	6.0-30	50-250*	0.2	303	38	0.72
GMH960	9x12	10-60	9-45	0.5	372	38	0.86
GMH9100	9x12	20-100	15-75	0.5	427	38	0.94
GMH9125	9x12	25-125	20-90	0.5	427	38	0.94
GMH14200	14x18	40-200	30-150	1	459	38	1.06
GMH14335	14x18	65-335	50-250	1	514	38	1.2
GMH14400	14x18	80-400	60-300	2	697	35	2.1
GMH24500	24x32	100-500	80-400	2.5	855	56	5
GMH24800	24x32	160-800	120-600	4	1055	56	5.9
GMH241000	24x32	200-1000	150-750	5	1055	56	5.9
GMH271500	27x36	300-1500	200-1100	5	1249	64	9
GMH272000	27x36	400-2000	300-1500	10	1249	64	9
GMH273000	27x36	600-3000	400-2000	15	1249	64	10.3
GMH14335L	14x18	65-335	50-250	1	694	38	2
GMH24400S	24x32	80-400	60-300	2	697	56	2.8
GMH14500S	14x18	100-500	80-400	2.5	674	56	3
GMH24500S	24x32	100-500	80-400	2.5	697	56	3

*Unit is Lb.in; L is extended length version; S is shorten length version.

English

Item No.	Shank Size	Torque Range		Increment	Length	Width	Weight
		Lb.ft	N.m				
GH9200	9x12	40-200*	4.0-22	1*	265	38	0.58
GH9250	9x12	50-250*	6.0-30	1*	300	38	0.72
GH9100	9x12	20-100	25-135	0.5	410	38	0.94
GH14150	14x18	30-150	40-200	0.5	493.5	38	1.06
GH14250	14x18	50-250	70-340	1	513.5	38	1.2
GH24400	24x32	80-400	100-550	2	855	56	5
GH24600	24x32	100-600	150-800	2.5	1055	56	5.9
GH271000	27x36	200-1000	250-1350	5	1260	64	9
GH272000	27x36	400-2000	500-2700	10	1260	64	10.3
GH14250L	14x18	50-250	70-340	1	700	38	2

*Unit is Lb.in; L is extended length version

GMR Model

Round Head Holder Torque Wrench

For round hole inserts



Optional
Fittings:



Metric

Item No.	Round Hole mm	Torque Range		Increment N.m	Length mm	Width mm	Weight kg
		N.m	Lb.ft				
GMR1612	Φ 16	2.5-12	20-105*	0.1	288	38	0.58
GMR1620	Φ 16	4.0-20	30-180*	0.1	288	38	0.58
GMR1630	Φ 16	6.0-30	50-250*	0.2	307	38	0.72
GMR1660	Φ 16	10-60	9-45	0.5	377	38	0.86
GMR16125	Φ 16	25-125	20-90	0.5	431	38	0.94
GMR16200	Φ 16	40-200	30-150	1	455	38	1.06

Item No.	Round Hole mm	Torque Range		Increment N.m	Length mm	Width mm	Weight kg
		N.m	Lb.ft				
GMR16335	Φ 16	65-335	50-250	1	515	38	1.2
GMR16400	Φ 16	80-400	60-300	2	695	38	2
GMR22500	Φ 22	100-500	80-400	2.5	800	38	4.3
GMR22800	Φ 22	160-800	120-600	4	1005	38	5.2
GMR221000	Φ 22	200-1000	150-750	5	1005	38	5.2
GMR16335L	Φ 16	65-335	50-250	1	695	38	2

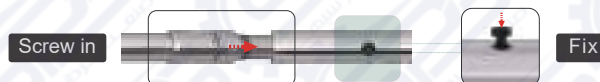
*Unit is Lb.in; L is extended length version

Model With Extension (Model number with last letter "E")



Metric

Item No.	Square Drive	Torque Range		Increment N.m	Length mm	Width mm	Weight kg	Extension
		N.m	Lb.ft					
GM51500E	1"	300-1500	200-1100	5	2200	75	12.1	1
GM52000E	1"	400-2000	300-1500	10	2200	75	12.1	1
GM53000E	1"	600-3000	400-2000	15	2780	75	15.5	1



Metric

Item No.	Shank Size mm	Torque Range		Increment N.m	Length mm	Width mm	Weight kg	Extension
		N.m	Lb.ft					
GMH271500E	27x36	300-1500	200-1100	5	2200	64	12.5	1
GMH272000E	27x36	400-2000	300-1500	10	2200	64	12.5	1
GMH273000E	27x36	600-3000	400-2000	15	2780	64	15.3	1

100% Calibrated

Unique serial number for each torque wrench, corresponding to the certificate of calibration



Shockproof packaging

Specially designed for all series of "NovaTork" torque products





(Length comparison)



GS Series Mini Micrometer Adjustable (Click) Torque Wrench

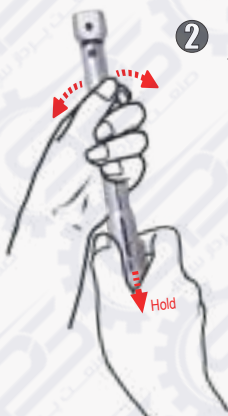
- Accuracy: $\pm 4\%$ in clockwise direction from 20% to 100% of capacity.
- Small sizes and light weight, and can be operated in confined spaces.
- Permanently stamped major and minor scales for precision torque values setting.
- Minor scale is 1/10 of increment of main scale.
- Set torque by locking ring. The rebound self-locking structure can reliably lock the required torque.
- Grooved non-slip grip fits comfortably in your hand.
- Various kinds of heads designed for different applications:
 - GSM_S / GS_S model: Reversible ratchet head, fine-tooth ratchets suitable for operation in confined spaces requiring only 8 degrees swing.
 - GSMH_S / GSH_S model: Head holder for standard 9x12mm rectangular shank heads.
 - GSMR_S / GSR_S model: Round head holders for $\Phi 12$ mm heads.



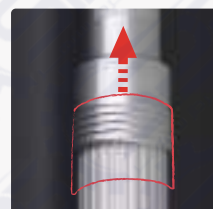
Torque Locking



- ① Pull and hold the locking ring



- ② Rotate the tube to adjust the torque by the other hand



- ③ Release the locking ring after torque being set

GSM__S Model

Reversible Ratchet Head Torque Wrench
Both directions, 8° swing suitable for confined space

GS__S Model (English Unit)



Metric

Item No.	Square Drive	Torque Range N.m	Increment N.m	Length mm	Width mm	Weight kg
GSM15S	1/4"	1-5	0.05	183	28	0.3
GSM110S	1/4"	2-10	0.1	195	28	0.32
GSM115S	1/4"	3-15	0.15	207	28	0.33
GSM125S	1/4"	5-25	0.25	230	28	0.35
GSM240S	3/8"	8-40	0.4	260	36	0.37
GSM260S	3/8"	10-60	0.5	310	36	0.51

English

Item No.	Square Drive	Torque Range Lb.in	Increment Lb.in	Length mm	Width mm	Weight kg
GS150S	1/4"	10-50	0.5	183	28	0.32
GS1100S	1/4"	20-100	1	195	28	0.34
GS1150S	1/4"	30-150	1.5	207	28	0.36

GSMR__S Model

Round Head Holder Torque Wrench
For round hole inserts

GSR__S Model (English Unit)



Metric

Item No.	Round Hole mm	Torque Range N.m	Increment N.m	Length mm	Width mm	Weight kg
GSMR125S	Φ 12	1-5	0.05	167	28	0.28
GSMR1210S	Φ 12	2-10	0.1	179	28	0.28
GSMR1215S	Φ 12	3-15	0.15	191	28	0.3
GSMR1225S	Φ 12	5-25	0.25	214	28	0.32
GSMR1240S	Φ 12	8-40	0.4	244	28	0.34
GSMR1260S	Φ 12	10-60	0.5	278	28	0.39

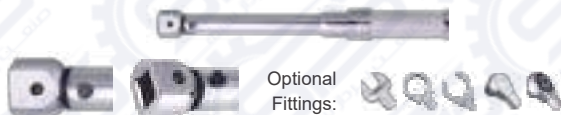
English

Item No.	Shank Size mm	Torque Range Lb.in	Increment Lb.in	Length mm	Width mm	Weight kg
GSR1250S	Φ 12	10-50	0.5	167	28	0.28
GSR12100S	Φ 12	20-100	1	179	28	0.28
GSR12150S	Φ 12	30-150	1.5	191	28	0.3

GSMH__S Model

Rectangular Shank Head Holder Torque Wrench
For rectangular shank head inserts

GSH__S Model (English Unit)



Metric

Item No.	Shank Size mm	Torque Range N.m	Increment N.m	Length mm	Width mm	Weight kg
GSMH95S	9x12	1-5	0.05	167	28	0.28
GSMH910S	9x12	2-10	0.1	179	28	0.3
GSMH915S	9x12	3-15	0.15	191	28	0.31
GSMH925S	9x12	5-25	0.25	214	28	0.33
GSMH940S	9x12	8-40	0.4	244	28	0.36
GSMH960S	9x12	10-60	0.5	278	28	0.41

English

Item No.	Shank Size mm	Torque Range Lb.in	Increment Lb.in	Length mm	Width mm	Weight kg
GSH950S	9x12	10-50	0.5	167	28	0.28
GSH9100S	9x12	20-100	1	179	28	0.3
GSH9150S	9x12	30-150	1.5	191	28	0.32

100% Calibrated

Unique serial number for each torque wrench, corresponding to the certificate of calibration



Shockproof packaging

Specially designed for all series of "NovaTork" torque products





EJ Series Electronic Torque Wrench

- Accuracy: CW $\pm$ 2%, CCW $\pm$ 3% from 10% to 100% of capacity.
- Display range: 2% to 110% of maximum torque value.
- Units: Lbft, Lbin, Nm.
- Modes: Peak Torque mode, Track mode.
- Target torque can be set.
- LED light and buzzer alarming when reaches target torque.
- Automatic zero clearing when used continuously.
- Optional backlight, good for dark working condition.
- Torque error% display function.
- Battery level display.
- Automatically shut off after 2 minutes of non use.
- 3 Pcs AAA batteries, easy replacement.



Backlight Display



Battery replacement



✓ 100% △ ⊖ 🔋 Nm Lb.in Lb.ft

Torque unit

Battery level

Less than
the required torque

The required torque
is exceeded

Track mode

Error%

The required torque
is achieved

EJM Model

Reversible Ratchet Head Torque Wrench

Both directions, 8° swing suitable for confined space

EJ Model (English Unit)



Metric

Item No.	Square Drive	Torque Range		Length mm	Width mm	Weight kg
		N.m	Lb.ft			
EJM120	1/4"	2-20	17.7-177*	427	38	0.88
EJM230	3/8"	3-30	26.6-266*	427	38	0.88
EJM250	3/8"	5-50	44.3-443*	452	38	0.93
EJM2100	3/8"	10-100	7.4-73.8	482	38	1
EJM3200	1/2"	20-200	14.8-148	522	40	1.12
EJM3300	1/2"	30-300	22.1-221	590	40	1.27
EJM4400	3/4"	40-400	29.5-295	795	57	3.3
EJM4600	3/4"	60-600	44.3-443	1050	60	4.6
EJM4800	3/4"	80-800	59.0-590	1250	60	5.2
EJM41000	3/4"	100-1000	73.8-738	1250	60	5.2

*Unit is Lb.in

English

Item No.	Square Drive	Torque Range		Length mm	Width mm	Weight kg
		Lb.ft	N.m			
EJ1200	1/4"	20-200*	2.3-22.6	427	28	0.88
EJ2250	3/8"	25-250*	2.8-28.2	427	38	0.88
EJ2450	3/8"	45-450*	5.1-50.8	452	38	0.88
EJ2100	3/8"	10-100	13.5-135	482	38	1
EJ3150	1/2"	15-150	20.3-203	522	40	1.12
EJ3250	1/2"	25-250	33.9-339	590	40	1.27

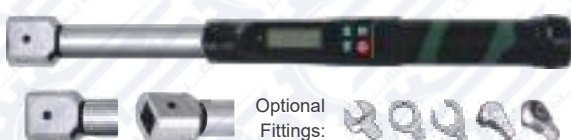
*Unit is Lb.in

EJMH Model

Rectangular Shank Head Holder Torque Wrench

For rectangular shank head inserts

EJH Model (English Unit)



Metric

Item No.	Shank Size mm	Torque Range		Length mm	Width mm	Weight kg
		N.m	Lb.ft			
EJMH920	9×12	2-20	17.7-177*	399	24	0.82
EJMH930	9×12	3-30	26.6-266*	399	24	0.82
EJMH950	9×12	5-50	44.3-443*	423	24	0.87
EJMH9100	9×12	10-100	7.4-73.8	453	24	0.93
EJMH14200	14×18	20-200	14.8-148	506	32	1.08
EJMH14300	14×18	30-300	22.1-221	575	32	1.25
EJMH14400	14×18	40-400	29.5-295	780	32	3.1
EJMH24600	24×32	60-600	44.3-443	1050	56	4.4
EJMH24800	24×32	80-800	59-590	1250	56	5
EJMH241000	24×32	100-1000	73.8-738	1250	56	5

*Unit is Lb.in

English

Item No.	Shank Size mm	Torque Range		Length mm	Width mm	Weight kg
		Lb.ft	N.m			
EJH9200	9×12	20-200*	2.3-22.6	399	24	0.82
EJH9250	9×12	25-250*	2.8-28.2	399	24	0.82
EJH9450	9×12	45-450*	5.1-50.8	423	24	0.87
EJH9100	9×12	10-100	13.6-136	453	24	0.93
EJH14150	14×18	15-150	20.3-203	506	32	1.08
EJH14250	14×18	25-250	33.9-339	575	32	1.25

*Unit is Lb.in

EJMBQL Model

Teardrop Ratchet Head Torque Wrench

Both directions, easily operated reverse lever

EJBQL Model (English Unit)



Metric

Item No.	Square Drive	Torque Range		Length mm	Width mm	Weight kg
		N.m	Lb.ft			
EJMBQL120	1/4"	2-20	17.7-177*	401	25	0.87
EJMBQL230	3/8"	3-30	26.6-266*	407	33	0.89
EJMBQL250	3/8"	5-50	44.3-443*	447	33	0.99
EJMBQL2100	3/8"	10-100	7.4-73.8	477	33	1.05
EJMBQL3200	1/2"	20-200	14.8-148	529	40.5	1.15
EJMBQL3300	1/2"	30-300	22.1-221	597	40.5	1.26
EJMBQL4400	3/4"	40-400	29.5-295	700	64	2.9
EJMBQL4600	3/4"	60-600	44.3-443	1050	64	4.6
EJMBQL4800	3/4"	80-800	59.0-590	1250	64	5.2
EJMBQL41000	3/4"	100-1000	73.8-738	1250	64	5.2

*Unit is Lb.in

English

Item No.	Square Drive	Torque Range		Length mm	Width mm	Weight kg
		Lb.ft	N.m			
EJBQL1200	1/4"	20-200*	2.3-22.6	401	25	0.87
EJBQL2250	3/8"	25-250*	2.8-28.2	407	33	0.89
EJBQL2450	3/8"	45-450*	5.1-50.8	447	33	0.99
EJBQL2100	3/8"	10-100	13.5-135	477	33	1.05
EJBQL3150	1/2"	15-150	20.3-203	529	40.5	1.15
EJBQL3250	1/2"	25-250	33.9-339	597	40.5	1.26

*Unit is Lb.in

100% Calibrated

Unique serial number for each torque wrench, corresponding to the certificate of calibration





ER Series Electronic Torque Wrench with Storage

- Accuracy: CW $\pm$ 2%, CCW $\pm$ 3% from 10% to 100% of capacity.
- Units: Nm, Lbin, Lbft, Kgm.
- Modes: Peak Torque mode, Track mode.
- Target torque can be set.
- LED light and buzzer alarming when reaches target torque.
- Automatic zero clearing when used continuously.
- Optional backlight, good for dark working condition.
- Torque error% display function.
- Memory function of 1000 sets of data, can be uploaded to computer by USB port.
- Unique Ratio function for non-standard heads.
- Battery level display.
- Automatically shut off after 2 minutes of non use.
- 3 Pcs AAA batteries, easy replacement.



Backlight Display



Battery replacement

Memory function

Can store 1000 sets of data



ERM Model

Reversible Ratchet Head Torque Wrench

Both directions, 8° swing suitable for confined space

ER Model (English Unit)



Metric

Item No.	Square Drive	Torque Range		Length mm	Width mm	Weight kg
		N.m	Lb.ft			
ERM120	1/4"	2-20	17.7-177*	427	38	0.88
ERM230	3/8"	3-30	26.6-266*	427	38	0.88
ERM250	3/8"	5-50	44.3-443*	452	38	0.93
ERM2100	3/8"	10-100	7.4-73.8	482	38	1
ERM3200	1/2"	20-200	14.8-148	522	40	1.12
ERM3300	1/2"	30-300	22.1-221	590	40	1.27
ERM4400	3/4"	40-400	29.5-295	795	57	3.3
ERM4600	3/4"	60-600	44.3-443	1050	60	4.6
ERM4800	3/4"	80-800	59.0-590	1250	60	5.2
ERM41000	3/4"	100-1000	73.8-738	1250	60	5.2

*Unit is Lb.in

English

Item No.	Square Drive	Torque Range		Length mm	Width mm	Weight kg
		Lb.ft	N.m			
ER1200	1/4"	20-200*	2.3-22.6	427	38	0.88
ER2250	3/8"	25-250*	2.8-28.2	427	38	0.88
ER2450	3/8"	45-450*	5.1-50.8	452	38	0.88
ER2100	3/8"	10-100	13.6-136	482	38	1
ER3150	1/2"	15-150	20.3-203	522	40	1.12
ER3250	1/2"	25-250	33.9-339	590	40	1.27

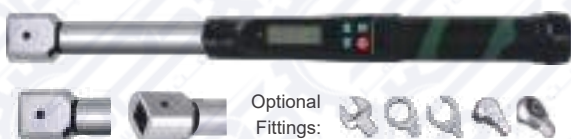
*Unit is Lb.in

ERMH Model

Rectangular Shank Head Holder Torque Wrench

For rectangular shank head inserts

ERH Model (English Unit)



Metric

Item No.	Shank Size mm	Torque Range		Length mm	Width mm	Weight kg
		N.m	Lb.ft			
ERMH920	9x12	2-20	17.7-177*	399	24	0.82
ERMH930	9x12	3-30	26.6-266*	399	24	0.82
ERMH950	9x12	5-50	44.3-443*	423	24	0.87
ERMH9100	9x12	10-100	7.4-73.8	453	24	0.93
ERMH14200	14x18	20-200	14.8-148	506	32	1.08
ERMH14300	14x18	30-300	22.1-221	575	32	1.25
ERMH14400	14x18	40-400	29.5-295	780	32	3.1
ERMH24600	24x32	60-600	44.3-443	1050	56	4.4
ERMH24800	24x32	80-800	59-590	1250	56	5
ERMH241000	24x32	100-1000	73.8-738	1250	56	5

*Unit is Lb.in

English

Item No.	Shank Size mm	Torque Range		Length mm	Width mm	Weight kg
		Lb.ft	N.m			
ERH9200	9x12	20-200*	2.3-22.6	399	24	0.82
ERH9250	9x12	25-250*	2.8-28.2	399	24	0.82
ERH9450	9x12	45-450*	5.1-50.8	423	24	0.87
ERH9100	9x12	10-100	13.6-136	453	24	0.93
ERH14150	14x18	15-150	20.3-203	506	32	1.08
ERH14250	14x18	25-250	33.9-339	575	32	1.25

*Unit is Lb.in

ERMBQL Model

Teardrop Ratchet Head Torque Wrench

Both directions, easily operated reverse lever

ERBQL Model (English Unit)



Metric

Item No.	Square Drive	Torque Range		Length mm	Width mm	Weight kg
		N.m	Lb.ft			
ERMBQL120	1/4"	2-20	17.7-177*	401	25	0.87
ERMBQL230	3/8"	3-30	26.6-266*	407	33	0.89
ERMBQL250	3/8"	5-50	44.3-443*	447	33	0.99
ERMBQL2100	3/8"	10-100	7.4-73.8	477	33	1.05
ERMBQL3200	1/2"	20-200	14.8-148	529	40.5	1.15
ERMBQL3300	1/2"	30-300	22.1-221	597	40.5	1.26
ERMBQL4400	3/4"	40-400	29.5-295	700	64	2.9
ERMBQL4600	3/4"	60-600	44.3-443	1050	64	4.6
ERMBQL4800	3/4"	80-800	59.0-590	1250	64	5.2
ERMBQL41000	3/4"	100-1000	73.8-738	1250	64	5.2

*Unit is Lb.in

English

Item No.	Square Drive	Torque Range		Length mm	Width mm	Weight kg
		Lb.ft	N.m			
ERBQL1200	1/4"	20-200*	2.3-22.6	401	25	0.87
ERBQL2250	3/8"	25-250*	2.8-28.2	407	33	0.89
ERBQL2450	3/8"	45-450*	5.1-50.8	447	33	0.99
ERBQL2100	3/8"	10-100	13.5-135	477	33	1.05
ERBQL3150	1/2"	15-150	20.3-203	529	40.5	1.15
ERBQL3250	1/2"	25-250	33.9-339	597	40.5	1.26

*Unit is Lb.in

100% Calibrated

Unique serial number for each torque wrench, corresponding to the certificate of calibration





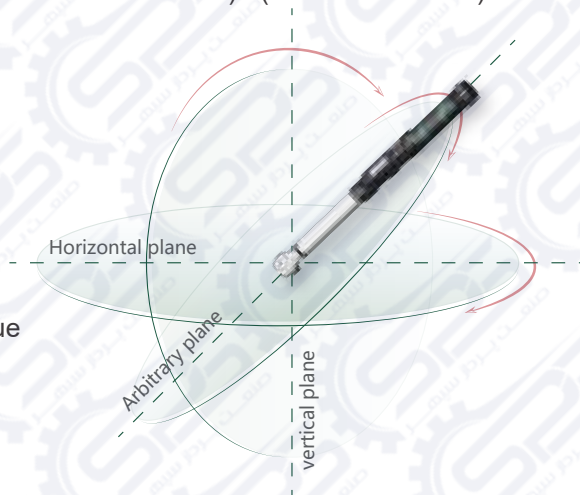
EA Series Electronic Angle Torque Wrench

- Accuracy: - Torque: CW $\pm$ 2%, CCW $\pm$ 3% from 10% to 100% of capacity;
- Angle: ($\pm$ 1% of reading) + ($\pm$ 1° @ angular speed of 10°/s~180°/s) + ($\pm$ 1° of test fixture)

• Angle Function

Specially developed by a team of expert professors

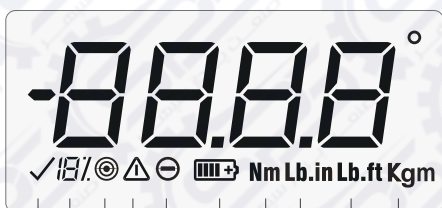
- High-precision gyroscope angle chip
- Sensitive recognition of any plane and any angle
- Can preset the target angle value
- Sound and light alarm function when reaching the target value



• Digital Display and functions



- The reading is intuitive and clear, with high resolution
- Torque error% display function
- Angle difference display in angle mode
- Backlight for dark working condition



- Unit
- Battery level
- Ratio function
- The required torque is exceeded
- Track mode
- Error% / Angle difference
- The required torque is achieved

4 Units

Nm, Lbin, Lbft, Kgm

Set Target

Can set target torque value and target angle value

Alarming

LED light and buzzer alarming

Storage

Memory function of 1000 sets of data, can be uploaded to computer by USB port

4 Modes

Peak Torque, Peak Angle, Torque+Angle, Track mode

Auto-Clearing

Can be operated continuously with automatic zero clearing

Peak Hold

Peak value hold function for all except Track mode

Ratio Function

Unique Ratio function for non-standard head

EAM Model

Reversible Ratchet Head Torque Wrench

Both directions, 8° swing suitable for confined space

EA Model (English Unit)



Metric

Item No.	Square Drive	Torque Range		Length mm	Width mm	Weight kg
		N.m	Lb.ft			
EAM120	1/4"	2-20	17.7-177*	427	38	0.88
EAM230	3/8"	3-30	26.6-266*	427	38	0.88
EAM250	3/8"	5-50	44.3-443*	452	38	0.93
EAM2100	3/8"	10-100	7.4-73.8	482	38	1
EAM3200	1/2"	20-200	14.8-148	522	40	1.12
EAM3300	1/2"	30-300	22.1-221	590	40	1.27
EAM4400	3/4"	40-400	29.5-295	795	57	3.3
EAM4600	3/4"	60-600	44.3-443	1050	60	4.6
EAM4800	3/4"	80-800	59.0-590	1250	60	5.2
EAM41000	3/4"	100-1000	73.8-738	1250	60	5.2

*Unit is Lb.in

English

Item No.	Square Drive	Torque Range		Length mm	Width mm	Weight kg
		Lb.ft	N.m			
EAI 200	1/4"	20-200*	2.3-22.6	427	38	0.88
EA2250	3/8"	25-250*	2.8-28.2	427	38	0.88
EA2450	3/8"	45-450*	5.1-50.8	452	38	0.88
EA2100	3/8"	10-100	13.6-136	482	38	1
EA3150	1/2"	15-150	20.3-203	522	40	1.12
EA3250	1/2"	25-250	33.9-339	590	40	1.27

*Unit is Lb.in

EAMH Model

Rectangular Shank Head Holder Torque Wrench

For rectangular shank head inserts

EAH Model (English Unit)



Metric

Item No.	Shank Size mm	Torque Range		Length mm	Width mm	Weight kg
		N.m	Lb.ft			
EAMH920	9×12	2-20	17.7-177*	399	24	0.82
EAMH930	9×12	3-30	26.6-266*	399	24	0.82
EAMH950	9×12	5-50	44.3-443*	423	24	0.87
EAMH9100	9×12	10-100	7.4-73.8	453	24	0.93
EAMH14200	14×18	20-200	14.8-148	506	32	1.08
EAMH14300	14×18	30-300	22.1-221	575	32	1.25
EAMH14400	14×18	40-400	29.5-295	780	32	3.1
EAMH24600	24×32	60-600	44.3-443	1050	56	4.4
EAMH24800	24×32	80-800	59-590	1250	56	5
EAMH241000	24×32	100-1000	73.8-738	1250	56	5

*Unit is Lb.in

English

Item No.	Shank Size mm	Torque Range		Length mm	Width mm	Weight kg
		Lb.ft	N.m			
EAH9200	9×12	20-200*	2.3-22.6	399	24	0.82
EAH9250	9×12	25-250*	2.8-28.2	399	24	0.82
EAH9450	9×12	45-450*	5.1-50.8	423	24	0.87
EAH9100	9×12	10-100	13.6-136	453	24	0.93
EAH14150	14×18	15-150	20.3-203	506	32	1.08
EAH14250	14×18	25-250	33.9-339	575	32	1.25

*Unit is Lb.in

EAMBQL Model

Teardrop Ratchet Head Torque Wrench

Both directions, easily operated reverse lever

EABQL Model (English Unit)



Metric

Item No.	Square Drive	Torque Range		Length mm	Width mm	Weight kg
		N.m	Lb.ft			
EAMBQL120	1/4"	2-20	17.7-177*	401	25	0.87
EAMBQL230	3/8"	3-30	26.6-266*	407	33	0.89
EAMBQL250	3/8"	5-50	44.3-443*	447	33	0.99
EAMBQL2100	3/8"	10-100	7.4-73.8	477	33	1.05
EAMBQL3200	1/2"	20-200	14.8-148	529	40.5	1.15
EAMBQL3300	1/2"	30-300	22.1-221	597	40.5	1.26
EAMBQL4400	3/4"	40-400	29.5-295	700	64	2.9
EAMBQL4600	3/4"	60-600	44.3-443	1050	64	4.6
EAMBQL4800	3/4"	80-800	59.0-590	1250	64	5.2
EAMBQL41000	3/4"	100-1000	73.8-738	1250	64	5.2

*Unit is Lb.in

English

Item No.	Square Drive	Torque Range		Length mm	Width mm	Weight kg
		Lb.ft	N.m			
EABQL1200	1/4"	20-200*	2.3-22.6	401	25	0.87
EABQL2250	3/8"	25-250*	2.8-28.2	407	33	0.89
EABQL2450	3/8"	45-450*	5.1-50.8	447	33	0.99
EABQL2100	3/8"	10-100	13.5-135	477	33	1.05
EABQL3150	1/2"	15-150	20.3-203	529	40.5	1.15
EABQL3250	1/2"	25-250	33.9-339	597	40.5	1.26

*Unit is Lb.in



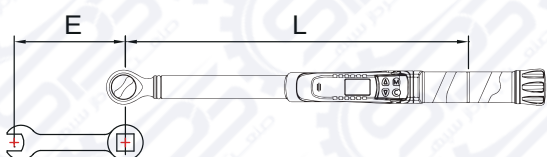
Battery replacement

Function Comparison of NovaTork Electronic Torque Wrenches

Functions		EJ Model	ER Model	EA Model
		Regular	With Storage	With Angle
		EJM / EJ	ERM / ER	EAM / EA
Torque Units		3 Units: Nm, Lbin, Lbft	4 Units: Nm, Lbin, Lbft, Kgm	4 Units: Nm, Lbin, Lbft, Kgm
Modes:	Peak Torque Mode	√	√	√
	Peak Angle Mode			√
	Torque+Angle Mode			√
	Track Mode	√	√	√
Can set target value		√	√	√
LED light and buzzer alarming when reaches target torque		√	√	√
Automatic zero clearing when used continuously		√	√	√
Optional backlight		√	√	√
Torque error% display function		√	√	√
Battery level display		√	√	√
Memory function of 1000 sets of data			√	√
Upload data to computer by USB port			√	√
Unique Ratio function for non-standard heads			√	√
Automatic shutdown function		√	√	√
3 Pcs AAA batteries, easy replacement		√	√	√

Calculation of Using Non-Standard Inserts

When using a torque wrench with an extended head (as shown in the figure below) will cause the applied torque to be different from the actual required torque value. Therefore, the target torque value set on the wrench should be calculated according to the following formula.



$$K = \frac{L}{L+E}$$

K — The ratio set on the wrench

L — Arm Length of Wrench

E — Effective Length of Head

$$T_{(w)} = T \cdot K$$

$T_{(w)}$ — Torque set on the wrench

T — Torque applied by extensional (desired torque)

Instead of calculating torque with the formula each time, it is very convenient to use our unique Ratio function of electronic torque wrenches. Enter the ratio K at one time, the actual torque value is displayed on the screen.

You can see some of the non-standard cases on Page 78.



Front Hollow Pipe ▲

PC Series Preset Torque Wrench

- Accuracy: $\pm 4\%$ in clockwise direction from 20% to 100% of capacity.
- Easy to adjust to desired torque (in the tool room, appropriate torque tester is required).
- Operator cannot change set torque by accident or by mistake.
- Various kinds of heads designed for different applications:
 - PC model: Reversible ratchet head for both Clockwise and Counter-clockwise operation and can be operated with 8 degrees swing in small spaces.
 - P C_S model: Mini size for PC model.
 - PCH model: Head holder for standard 9x12, 14x18, 24x32, 27x36mm square shank heads.
 - PCH_S model: Mini size for PCH model, head holder for mini standard 9x12mm square shank heads.

Torque Adjusting Tool



PC Model

Reversible Ratchet Head Torque Wrench

Both directions, 8° swing suitable for confined space



Metric

Item No.	Square Drive	Torque Range		Length mm	Width mm	Weight kg
		N.m	Lb.ft			
PC112	1/4"	2.5-12	20-105*	184	30	0.45
PC120	1/4"	4-20	30-180*	184	30	0.45
PC230	3/8"	6-30	50-250*	214	37	0.5
PC260	3/8"	10-60	9.0-45	255	38	0.56
PC2125	3/8"	25-125	20-90	366	38	0.79
PC3200	1/2"	40-200	30-150	457	40	1.2
PC3340	1/2"	65-340	50-250	691	40	1.96
PC4500	3/4"	100-500	80-400	915	57	2.8
PC4650	3/4"	150-650	100-500	915	57	2.8
PC4800	3/4"	160-800	120-600	1030	60	5
PC41000	3/4"	200-1000	150-750	1260	60	6
PC51000	1"	200-1000	150-750	1260	60	6
PC51500	1"	300-1500	200-1100	1610	60	8
PC52000	1"	400-2000	300-1500	1910	60	9.5
PC53000	1"	600-3000	400-2200	2010	60	9.9

*Unit is Lb.in

PCH Model

Rectangular Shank Head Holder Torque Wrench

For rectangular shank head inserts



Metric

Item No.	Shank Size mm	Torque Range		Length mm	Width mm	Weight kg
		N.m	Lb.ft			
PCH920	9X12	4-20	30-180*	155	28	0.24
PCH925	9X12	5-25	45-225*	178	28	0.28
PCH935	9X12	7-35	60-300*	205	20	0.34
PCH950	9X12	5-50	4.0-40	240	28	0.4
PCH960	9X12	10-60	9.0-45	240	28	0.4
PCH985	9X12	15-85	12-60	310	28	0.51
PCH9120	9X12	25-120	20-90	355	28	0.6
PCH9180TI	9X12	36-180	26-130	600	22	1.2
PCH14200	14X18	40-200	30-150	417.5	32	0.86
PCH14300	14X18	50-300	40-225	681.5	32	1.3
PCH14340	14X18	60-340	50-250	681.5	32	1.3
PCH24500	24X32	100-500	80-400	910	56	2.3
PCH24650	24X32	150-650	100-500	1030	56	2.56
PCH24800	24X32	160-800	120-600	1030	56	4.8
PCH241000	24X32	200-1000	150-750	1260	56	5.7
PCH271500	27X36	300-1500	200-1100	1610	64	7.8
PCH272000	27X36	400-2000	300-1500	1910	64	9.2
PCH273000	27X36	600-3000	400-2200	2010	64	9.6

*Unit is Lb.in

PC_S Series Mini Preset Torque Wrench

PC_S Model

Reversible Ratchet Head Torque Wrench
Both directions, 8° swing suitable for confined space



Metric

Item No.	Square Drive	Torque Range		Length mm	Width mm	Weight kg
		N.m	Lb.in			
PC15S	1/4"	1-5	10-45	162	29	0.25
PC110S	1/4"	2-10	20-90	173	29	0.26
PC115S	1/4"	3-15	30-140	183	29	0.28

PCH_S Model

Rectangular Shank Head Holder Torque Wrench
For rectangular shank head inserts



Metric

Item No.	Shank Size mm	Torque Range		Length mm	Width mm	Weight kg
		N.m	Lb.in			
PCH95S	9X12	1-5	10-45	145	22	0.22
PCH910S	9X12	2-10	20-90	155	22	0.23
PCH915S	9X12	3-15	30-140	165	22	0.25
PCH940S	9X12	8-40	70-350	233	22	0.38

The dedicated adjusting tool can be purchased separately according to this table:



Series	Item No.	Dedicated Adjusting Tool
PC	All	DC.Q6231
PCH	PCH920, PCH925, PCH935, PCH950, PCH960, PCH985, PCH9120	DC.Q6232
	The rest	DC.Q6231
PC_S	All	DC.Q6230
PCH_S	All	DC.Q6230

100% Calibrated

Unique serial number for each torque wrench, corresponding to the certificate of calibration



Shockproof packaging

Specially designed for all series of "NovaTork" torque products





DC Series Digi-Click Mechanical Torque Wrench

- Accuracy: $\pm 4\%$ of reading value in clockwise direction.
- Set Torque is displayed on back-lit LCD screen, and the increment is 0.1 of unit.
- Lowest torque value is 10% of capacity.
- Torque can be displayed in 4 different units: N.m, Lb.ft, Lb.in, Kg.cm.
- For operators who are used to using mechanical "Click" torque wrenches, the alarm of "Click" is maintained.
- Push/Pull end cap to secure the set torque value from accidental change.
- Various kinds of heads are available:
 - DCM model: Reversible ratchet head, fine-tooth ratchets suitable for operation in confined spaces requiring only 8 degrees swing.
 - DCMH model: Head holder for 9x12, 14x18mm rectangular shank heads.



Backlight Display

End Cap Locking Structure



- 1 Pull to unlock
- 2 Turn the knob to adjust the torque
- 3 Push to lock

Battery



DCM Model

Reversible Ratchet Head Torque Wrench
Both directions, 8° swing suitable for confined space



Metric

Item No.	Square Drive	Torque Range		Increment N.m	Length mm	Width mm	Weight kg
		N.m	Lb.ft				
DCM260	3/8"	6-60	4.5-45	0.1	382	41	1.3
DCM2100	3/8"	10-100	7.4-74	0.1	450	45	1.4
DCM3140	1/2"	14-140	10.5-105	0.1	481	45	1.45
DCM3200	1/2"	20-200	14.7-147	0.1	520	45	1.6
DCM3300	1/2"	30-300	22-220	0.1	585	45	1.8

DCMH Model

Rectangular Shank Head Holder Torque Wrench
For rectangular shank head inserts



Metric

Item No.	Shank Size mm	Torque Range		Increment N.m	Length mm	Width mm	Weight kg
		N.m	Lb.ft				
DCMH960	9x12	6-60	4.5-45	0.1	408	41	1.3
DCMH9100	9x12	10-100	7.4-74	0.1	431	41	1.4
DCMH14140	14x18	14-140	10.5-105	0.1	492	41	1.45
DCMH14200	14x18	20-200	14.7-147	0.1	510	41	1.5
DCMH14300	14x18	30-300	22-220	0.1	568	41	1.7

100% Calibrated

Unique serial number for each torque wrench,
corresponding to the certificate of calibration



Shockproof packaging

Specially designed for all series of
"NovaTork" torque products





C Series Double Window Scales Adjustable (Click) Torque Wrench

- Accuracy: $\pm 4\%$ in clockwise direction from 20% to 100% of capacity.
- Unique double window scale with fine increments.
- 1/20 of increment on main scale.
- Convenient Metric or English major scale with English or Metric secondary scale.
- Pull-push locking design at the end of the handle secures the selected torque from accidental change.
- Ergonomic, non-slip soft grips are comfortable to use under all conditions and long durations.
- Various kinds of heads designed for different applications:
 - CM / C model: Reversible ratchet head, fine-tooth ratchets suitable for operation in confined spaces requiring only 8 degrees swing.
 - CMH / CH model: Head holder for standard 9x12, 14x18, 24x32, 27x36mm rectangular shank heads.
 - CMR model: Round head holder for $\Phi 16$, $\Phi 22$ mm heads.



Double Window Scales



① Pull to unlock



② Turn the handle to adjust the torque



③ Push to lock

100% Calibrated

Unique serial number for each torque wrench, corresponding to the certificate of calibration



Shockproof packaging

Specially designed for all series of "NovaTork" torque products

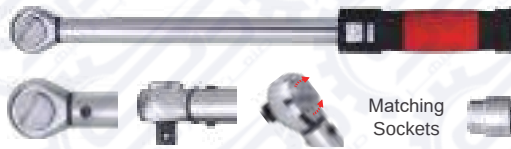


CM Model

Reversible Ratchet Head Torque Wrench

Both directions, 8° swing suitable for confined space

C Model (English Unit)



Metric

Item No.	Square Drive	Torque Range		Increment	Length mm	Width mm	Weight kg
		N.m	Lb.ft				
CM1012	1/4"	2.5-12	20-105*	0.025	285	38	0.54
CM1020	1/4"	4.0-20	30-180*	0.05	285	38	0.54
CM2030	3/8"	6.0-30	50-250*	0.075	313	38	0.68
CM3030	1/2"	6.0-30	50-250*	0.075	313	38	0.68
CM2060	3/8"	10-60	9-45	0.25	383	38	0.82
CM3060	1/2"	10-60	9-45	0.25	383	38	0.82
CM2100	3/8"	20-100	15-75	0.25	438	38	0.9
CM3100	1/2"	20-100	15-75	0.25	438	38	0.9
CM2125	3/8"	25-125	20-90	0.25	438	38	0.9
CM3125	1/2"	25-125	20-90	0.25	438	38	0.9
CM3200	1/2"	40-200	30-150	0.5	463	40	1.02
CM3335	1/2"	65-335	50-250	0.75	523	40	1.16
CM3400	1/2"	80-400	60-300	2	700	40	1.65
CM4335	3/4"	65-335	50-250	0.75	523	40	1.2
CM4500	3/4"	100-500	80-400	1.25	840	60	4.04
CM4800	3/4"	160-800	120-600	2	1040	60	4.93
CM5800	1"	160-800	120-600	2	1040	60	4.93
CM41000	3/4"	200-1000	150-750	2.5	1040	60	4.93
CM51000	1"	200-1000	150-750	2.5	1040	60	4.93
CM51500	1"	300-1500	200-1100	3	1250	75	8.2
CM52000	1"	400-2000	300-1500	5	1250	75	8.2
CM53000	1"	600-3000	400-2200	7.5	1250	75	9.5
CM3200L	1/2"	40-200	30-150	0.5	525	40	1.14
CM3335L	1/2"	65-335	50-250	0.75	700	40	1.95
CM4335L	3/4"	65-335	50-250	0.75	700	40	2
CM3100S	1/2"	20-100	15-75	0.25	360	38	0.74
CM4400S	3/4"	80-400	60-300	1	700	57	2.58
CM4500S	3/4"	100-500	80-400	1.25	700	57	2.6

*Unit is Lb.in; L is extended length version; S is shorten length version.

English

Item No.	Square Drive	Torque Range		Increment	Length mm	Width mm	Weight kg
		Lb.ft	N.m				
C1200	1/4"	40-200*	4.0-22	0.50*	273	38	0.58
C2250	3/8"	50-250*	6.0-30	0.50*	314	38	0.68
C2100	3/8"	20-100	25-135	0.25	420	38	0.99
C3100	1/2"	20-100	25-135	0.25	420	38	1
C3150	1/2"	30-150	40-200	0.5	462	40	1.02
C3250	1/2"	50-250	70-340	0.5	525	40	1.16
C4250	3/4"	50-250	70-340	0.5	525	40	1.2
C4400	3/4"	80-400	100-550	1	840	60	4.04
C4600	3/4"	100-600	150-800	1.25	1040	60	4.93
C5600	1"	100-600	150-800	1.25	1040	60	4.93
C3250L	1/2"	50-250	70-340	0.5	700	40	1.95
C4250L	3/4"	50-250	70-340	0.5	700	40	2

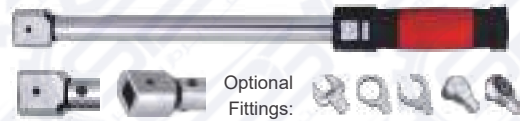
*English Unit is Lb.in; L is extended length version

CMH Model

Rectangular Shank Head Holder Torque Wrench

For rectangular shank head inserts

CH Model (English Unit)



Metric

Item No.	Shank Size mm	Torque Range		Increment	Length mm	Width mm	Weight kg
		N.m	Lb.ft				
CMH912	9x12	2.5-12	20-105*	0.025	279	38	0.44
CMH920	9x12	4.0-20	30-180*	0.05	279	38	0.44
CMH930	9x12	6.0-30	50-250*	0.075	298	38	0.58
CMH960	9x12	10-60	9-45	0.25	367	38	0.72
CMH9100	9x12	20-100	15-75	0.25	422	38	0.8
CMH9125	9x12	25-125	20-90	0.25	422	38	0.8
CMH14200	14x18	40-200	30-150	0.5	448.5	38	0.92
CMH14335	14x18	65-335	50-250	0.75	508.5	38	1.1
CMH14400	14x18	80-400	60-300	2	700	35	2.02
CMH24500	24x32	100-500	80-400	1.25	840	56	4.04
CMH24800	24x32	160-800	120-600	2	1040	56	4.93
CMH241000	24x32	200-1000	150-750	2.5	1040	56	4.93
CMH271500	27x36	300-1500	200-1100	3	1250	64	8
CMH272000	27x36	400-2000	300-1500	5	1250	64	8
CMH273000	27x36	600-3000	400-2200	7.5	1250	64	9.3
CMH14335L	14x18	65-335	50-250	0.75	695	38	1.85
CMH24400S	24x28	80-400	60-300	1	700	56	2.6
CMH24500S	24x32	100-500	80-400	1.25	700	56	2.75

Unit is Lb.in; L is extended length version; S is shorten length version.

English

Item No.	Shank Size mm	Torque Range		Increment	Length mm	Width mm	Weight kg
		Lb.ft	N.m				
CH9200	9x12	40-200*	4.0-22	0.50*	260	38	0.44
CH9250	9x12	50-250*	6.0-30	0.50*	295	38	0.58
CH9100	9x12	20-100	25-135	0.25	405	38	0.8
CH14150	14x18	30-150	40-200	0.5	448.5	38	0.92
CH14250	14x18	50-250	70-340	0.5	508.5	38	1.06
CH24400	24x32	80-400	100-550	1	840	56	4.04
CH24600	24x32	100-600	150-800	1.25	1040	56	4.93
CH14250L	14x18	50-250	70-340	0.5	695	38	1.85

English Unit is Lb.in; L is extended length version

CMR Model

Round Head Holder Torque Wrench

For round hole inserts



Metric

Item No.	Round Hole mm	Torque Range		Increment	Length mm	Width mm	Weight kg
		N.m	Lb.ft				
CMR1612	φ 16	2.5-12	20-105*	0.025	283	38	0.44
CMR1620	φ 16	4.0-20	30-180*	0.05	283	38	0.44
CMR1630	φ 16	6.0-30	50-250*	0.075	302	38	0.58
CMR1660	φ 16	10-60	9-45	0.25	371	38	0.72
CMR16125	φ 16	25-125	20-90	0.25	426	38	0.8
CMR16200	φ 16	40-200	30-150	0.5	450	38	0.92
CMR16335	φ 16	65-335	50-250	0.75	510	38	1.06
CMR22500	φ 22	100-500	80-400	1.25	790	38	3.3
CMR22800	φ 22	160-800	120-600	2	990	38	4.2
CMR221000	φ 22	200-1000	150-750	2.5	990	38	4.2
CMR16335L	φ 16	65-335	50-250	0.75	690	38	1.85

*Unit is Lb.in; L is extended length version



DS Series Dial Torque Wrench

- Accuracy: $\pm 3\%$ from 20% to 100% of capacity.
($\pm 4\%$ accuracy for wrenches with capacities above 400N.m).
- Alloy steel structure, light weight and more durable.
- Two models designed for different applications:
 - DSM / DS models are one-way dial torque wrench, can be operated in Clockwise direction only, can select Metric or English scales by turning dial 180°;
 - DSM-D / DS-D models are two-way dial torque wrench, can be operated in Clockwise or Counter-Clockwise direction.



- Peak torque holding function with included memory needle.



- Metal guard protects dial mechanism.



- Plastic guard protects the square drive.

100% Calibrated

Unique serial number for each torque wrench, corresponding to the certificate of calibration



Shockproof packaging

Specially designed for all series of "NovaTork" torque products



DSM / DS Model

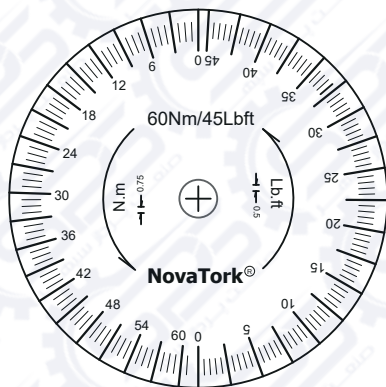
One-Way Dial Torque Wrench

Select Metric and English scales by turning dial 180°

- DSM models are Clockwise direction operation only.

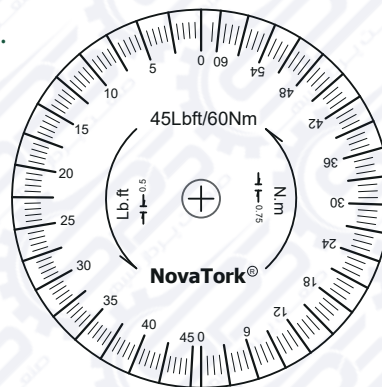
DSM Model (Metric Unit)

Eg.



DS Model (English Unit)

Eg.



Metric

Item No.	Square Drive	Torque Range		Increment		Length mm	Width mm	Weight kg	Extension
		N.m	Lb.ft	N.m	Lb.ft				
DSM12	1/4"	0.4-2	3.6-18*	0.03	0.2*	310	37	0.57	-
DSM13	1/4"	0.6-3	4.9-24.5*	0.04	0.35*	310	37	0.57	-
DSM16	1/4"	1.2-6	10-50*	0.08	0.625*	310	37	0.57	-
DSM18	1/4"	1.6-8	14-70*	0.1	1*	310	37	0.57	-
DSM212	3/8"	2.4-12	20-100*	0.15	1.25*	310	37	0.57	-
DSM217.5	3/8"	3.5-17.5	30-150*	0.25	2*	310	37	0.57	-
DSM220	3/8"	4-20	36-180*	0.25	2*	310	37	0.57	-
DSM225	3/8"	5.0-25	44-220*	0.25	2*	310	37	0.57	-
DSM230	3/8"	6-30	50-250*	0.4	2.5*	310	37	0.57	-
DSM235	3/8"	7.0-35	60-300*	0.5	4*	400	37	0.76	-
DSM240	3/8"	8-40	70-350*	0.5	5*	400	37	0.76	-
DSM250	3/8"	10-50	7.0-35	0.5	0.5	400	37	0.76	-
DSM260	3/8"	12-60	9.0-45	0.75	0.5	400	37	0.76	-
DSM3100	1/2"	20-100	14-70	1	1	480	37	0.91	-
DSM3120	1/2"	24-120	18-90	1.5	1	480	37	0.91	-
DSM3140	1/2"	28-140	20-100	2	1	480	37	0.91	-
DSM3200	1/2"	40-200	30-150	2.5	2	550	37	1.05	-
DSM3250	1/2"	50-250	36-180	2.5	2	550	37	1.05	-
DSM3280	1/2"	56-280	40-200	4	2.5	550	37	1.05	-
DSM3350	1/2"	70-350	50-250	5	2.5	550	37	1.05	-
DSM4400	3/4"	80-400	60-300	5	4	818	59	3.4	-
DSM4500	3/4"	100-500	70-350	5	5	818	59	3.4	-
DSM4600	3/4"	120-600	90-450	7.5	5	1192	59	6.4	1
DSM4800	3/4"	160-800	120-600	10	7.5	1192	59	6.4	1
DSM41000	3/4"	200-1000	140-700	10	10	1192	59	6.4	1
DSM51400	1"	280-1400	200-1000	20	10	1620	59	8.8	1
DSM52000	1"	400-2000	300-1500	25	20	1620	59	8.8	1

*Unit is Lb.in

English

Item No.	Square Drive	Torque Range		Torque Range		Length mm	Width mm	Weight kg	Extension
		Lb.ft	N.m	Lb.ft	N.m				
DS118	1/4"	3.6-18*	0.4-2	0.2*	0.03	310	37	0.57	-
DS124.5	1/4"	4.9-24.5*	0.6-3	0.35*	0.04	310	37	0.57	-
DS150	1/4"	10-50*	1.2-6	0.625*	0.08	310	37	0.57	-
DS170	1/4"	14-70*	1.6-8	1*	0.1	310	37	0.57	-
DS2100	3/8"	20-100*	2.4-12	1.25*	0.15	310	37	0.57	-
DS2150	3/8"	30-150*	3.5-17.5	2*	0.25	310	37	0.57	-
DS2180	3/8"	36-180*	4-20	2*	0.25	310	37	0.57	-
DS2220	3/8"	44-220*	5.0-25	2*	0.25	310	37	0.57	-
DS2250	3/8"	50-250*	6-30	2.5*	0.4	310	37	0.57	-
DS2300	3/8"	60-300*	7.0-35	4*	0.5	400	37	0.76	-
DS2350	3/8"	70-350*	8-40	5*	0.5	400	37	0.76	-
DS235	3/8"	7.0-35	10-50	0.5	0.5	400	37	0.76	-
DS245	3/8"	9.0-45	12-60	0.5	0.75	400	37	0.76	-
DS370	1/2"	14-70	20-100	1	1	480	37	0.91	-
DS390	1/2"	18-90	24-120	1	1.5	480	37	0.91	-
DS3100	1/2"	20-100	28-140	1	2	480	37	0.91	-
DS3150	1/2"	30-150	40-200	2	2.5	550	37	1.05	-
DS3180	1/2"	36-180	50-250	2	2.5	550	37	1.05	-
DS3200	1/2"	40-200	56-280	2.5	4	550	37	1.05	-
DS3250	1/2"	50-250	70-350	2.5	5	550	37	1.05	-
DS4300	3/4"	60-300	80-400	4	5	818	59	3.4	-
DS4350	3/4"	70-350	100-500	5	5	818	59	3.4	-
DS4450	3/4"	90-450	120-600	5	7.5	1192	59	6.4	1
DS4600	3/4"	120-600	160-800	7.5	10	1192	59	6.4	1
DS4700	3/4"	140-700	200-1000	10	10	1192	59	6.4	1
DS51000	1"	200-1000	280-1400	10	20	1620	59	8.8	1
DS51500	1"	300-1500	400-2000	20	25	1620	59	8.8	1

*Unit is Lb.in

DSM_D / DS_D Model

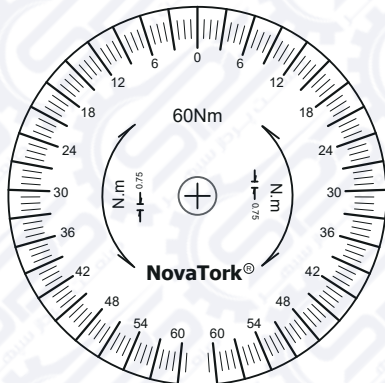
Two-Way Dial Torque Wrench

Bi-directional operation, with Metric or English scales

- DSM_D models are Clockwise & Counter-clockwise direction operations.

DSM_D Model (Metric Unit)

Eg.



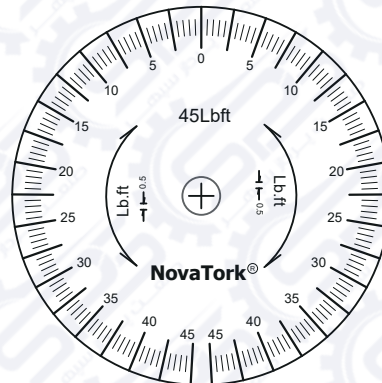
Metric

Item No.	Square Drive	Torque Range Lb.ft	Increment Lb.ft	Length mm	Width mm	Weight kg	Extension
DS118-D	1/4"	3.6-18*	0.2*	310	37	0.57	-
DS124.5-D	1/4"	4.9-24.5*	0.35*	310	37	0.57	-
DS150-D	1/4"	10-50*	0.625*	310	37	0.57	-
DS170-D	1/4"	14-70*	1*	310	37	0.57	-
DS2100-D	3/8"	20-100*	1.25*	310	37	0.57	-
DS2150-D	3/8"	30-150*	2*	310	37	0.57	-
DS2180-D	3/8"	36-180*	2*	310	37	0.57	-
DS2220-D	3/8"	44-220*	2*	310	37	0.57	-
DS2250-D	3/8"	50-250*	2.5*	310	37	0.57	-
DS2300-D	3/8"	60-300*	4*	400	37	0.76	-
DS2350-D	3/8"	70-350*	5*	400	37	0.76	-
DS235-D	3/8"	7.0-35	0.5	400	37	0.76	-
DS245-D	3/8"	9.0-45	0.5	400	37	0.76	-
DS375-D	1/2"	14-70	1	480	37	0.91	-
DS390-D	1/2"	18-90	1	480	37	0.91	-
DS3100-D	1/2"	20-100	1	480	37	0.91	-
DS3150-D	1/2"	30-150	2	550	37	1.05	-
DS3180-D	1/2"	36-180	2	550	37	1.05	-
DS3200-D	1/2"	40-200	2.5	550	37	1.05	-
DS3250-D	1/2"	50-250	2.5	550	37	1.05	-
DS4300-D	3/4"	60-300	4	818	59	3.4	-
DS4350-D	3/4"	70-350	5	818	59	3.4	-
DS4450-D	3/4"	90-450	5	1192	59	6.4	1
DS4600-D	3/4"	120-600	7.5	1192	59	6.4	1
DS4700-D	3/4"	140-700	10	1192	59	6.4	1
DS51000-D	1"	200-1000	10	1620	59	8.8	1
DS51500-D	1"	300-1500	20	1620	59	8.8	1

*Unit is Lb.in

DS_D Model (English Unit)

Eg.



English

Item No.	Square Drive	Torque Range N.m	Increment N.m	Length mm	Width mm	Weight kg	Extension
DSM12-D	1/4"	0.4-2	0.025	310	37	0.57	-
DSM13-D	1/4"	0.6-3	0.04	310	37	0.57	-
DSM16-D	1/4"	1.2-6	0.075	310	37	0.57	-
DSM18-D	1/4"	1.6-8	0.1	310	37	0.57	-
DSM212-D	3/8"	2.4-12	0.15	310	37	0.57	-
DSM217.5-D	3/8"	3.5-17.5	0.25	310	37	0.57	-
DSM220-D	3/8"	4-20	0.25	310	37	0.57	-
DSM225-D	3/8"	5.0-25	0.25	310	37	0.57	-
DSM230-D	3/8"	6-30	0.4	310	37	0.57	-
DSM235-D	3/8"	7.0-35	0.5	400	37	0.76	-
DSM240-D	3/8"	8-40	0.5	400	37	0.76	-
DSM250-D	3/8"	10-50	0.5	400	37	0.76	-
DSM260-D	3/8"	12-60	0.75	400	37	0.76	-
DSM3100-D	1/2"	20-100	1	480	37	0.91	-
DSM3120-D	1/2"	24-120	1.5	480	37	0.91	-
DSM3140-D	1/2"	28-140	2	480	37	0.91	-
DSM3200-D	1/2"	40-200	2.5	550	37	1.05	-
DSM3250-D	1/2"	50-250	2.5	550	37	1.05	-
DSM3280-D	1/2"	56-280	4	550	37	1.05	-
DSM3350-D	1/2"	70-350	5	550	37	1.05	-
DSM4400-D	3/4"	80-400	5	818	59	3.4	-
DSM4500-D	3/4"	100-500	5	818	59	3.4	-
DSM4600-D	3/4"	120-600	7.5	1192	59	6.4	1
DSM4800-D	3/4"	160-800	10	1192	59	6.4	1
DSM41000-D	3/4"	200-1000	10	1192	59	6.4	1
DSM51400-D	1"	280-1400	20	1620	59	8.8	1
DSM52000-D	1"	400-2000	25	1620	59	8.8	1

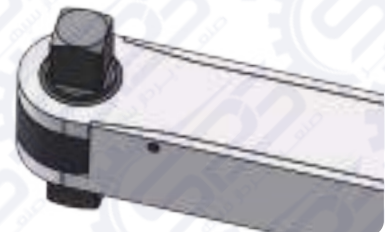
▼ Extension bar





AUMR Series Aluminum Torque Wrench with Ratchet Head

- Accuracy: $\pm 4\%$ from 20% to 100% of capacity.
- Integrated aluminum alloy overall design, light and strong.
- Unique ratchet structure design. With this ratchet head you can continuously swing the handle to tighten the bolt, instead of putting it on as often as a conventional head.
- Both sides with square drive, for both direction application, easy to handle.
- Special window for main scale, and Minor scale near the end of the handle, better resolution.
- With Metric or Imperial (depending on specific model), easy to read.
- Unique locking end design, fix torque reliably. Effectively avoid the possibility of adjustment to torque values caused by unintentional or deliberate operation.
- Knurled handle for secure and comfortable grip.



Major scale



Minor scale



Unique locking end design

100% Calibrated

- Unique serial number for each torque wrench, corresponding to the certificate of calibration.

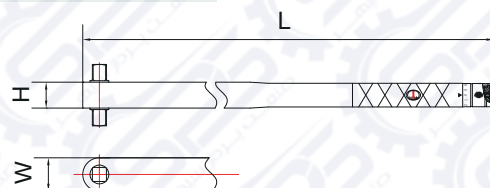


AUMR Model (Without Extension Bar)

Ratchet Head Aluminum Torque Wrench



Metric



Item No.	Square Drive	Torque Range		Increment Nm	Length (L) mm	Width x Height (W) x (H) mm	Weight kg	Extension bar
		Nm	Lb.ft					
AUMR4550	3/4"	100-550	80-400	1.0	811	45x35	2.9	Without
AUMR4760	3/4"	160-760	120-560	1.5	811	45x35	3.2	Without



Specially designed

Shockproof packaging



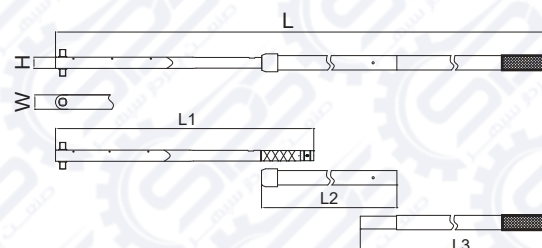
AUMR Model (With Extension Bar)

Ratchet Head Aluminum Torque Wrench



Sample model: AUMR41000

Metric



Item No.	Square Drive	Torque Range		Increment Nm	L1 mm	L2 mm	L3 mm	L mm	W x H mm	Weight kg	Extension bar
		Nm	Lb.ft								
AUMR41000	3/4"	200-1000	150-750	2.5	811	754	/	1400	45x35	5.6	1
AUMR51500	1"	300-1500	200-1100	2.5	930	930	/	1598	60x40	9.8	1
AUMR52000	1"	400-2000	300-1500	5	930	930	930	2308	60x40	12	2

Note: L1, L2, L3 are the lengths of the three pipes, the sum of the three is not the total length L, because there is overlap at the joints.



Specially designed

Shockproof packaging

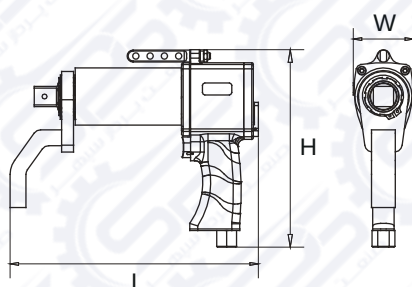


PW Series Pneumatic Torque Wrench

— Pneumatic torque wrenches were widely used on automotive vehicles, petrochemicals, shipbuilding, electric power, aerospace, construction and other fields.



- Accuracy: $\pm 5\%$
- For high torque and continuous work applications.
- Aluminum alloy handle, relatively light weight.
- Reaction arm, gear box and body can be flexibly connected to reach desired reaction point.
- Work in Clockwise and Counter-clockwise directions.
- Can be used with standard impact sockets.



PW Model

Item No.	Output Square Drive	Gear box Diameter	Dimensions LxWxH mm	Torque Range N.m	Weight kg	Max. Pressure
PWA14350	3/4"	$\phi 50$	259x65x250	70-350	3.1	6bar
PWA24800	3/4"	$\phi 59$	272x75x252	160-800	4.3	6bar
PWT241000	3/4"	$\phi 72$	283x75x252	200-1000	5.7	6bar
PWT251000	1"	$\phi 72$	283x75x252	200-1000	5.7	6bar
PWH352000	1"	$\phi 92 - \phi 59$	370x100x267	400-2000	8.8	6bar
PWN352500	1"	$\phi 92 - \phi 59$	370x100x267	500-2500	9.3	6bar
PWD354000	1"	$\phi 108 - \phi 59$	400x108x270	800-4000	12	6bar
PWD365000	1 1/2"	$\phi 108 - \phi 59$	400x108x270	1000-5000	12	6bar
PWD366000	1 1/2"	$\phi 126 - \phi 59$	488x100x264	1200-6000	16	6bar

Please contact distributor for Impact Sockets.





SL Series Slipper Torque Wrench

- Accuracy: ±6% from 20% to 100% of capacity.
- The head part is made of aviation aluminum, the pipe is made of alloy steel, strong and durable.
- SL torque wrench is a preset torque wrench, set the torque value with special tools before use.
- The torque cannot be changed arbitrarily during use, which guarantees the working quality.
- When the preset torque value is reached, it will slip and will not cause overload.
- Stop applying force when you hear the “Click” sound of sliding.
- The ingenious ratchet function makes it easy to tighten clockwise, even in a narrow space.
- Comfortable TPR handle for long time working, suitable for assembly line and production line.



SL Model

Slipper Torque Wrench

Ratchet sliding mechanism, avoid overloading

Metric

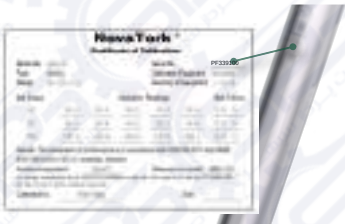
Item No.	Square Drive	Torque Range N.m	Length mm	Width mm	Height kg	Weight kg	Adjusting Tool
SLI 6	1/4"	1-6	200	31	35	0.41	DC.Q6230
SLI 25	1/4"	3-25	220	38	41	0.51	DC.Q6232
SL260	3/8"	10-60	330	46	49.3	0.82	DC.Q6231
SL3100	1/2"	20-100	460	46	53.5	1.06	DC.Q6231



The dedicated adjusting tool can be purchased separately according to this table.

100% Calibrated

Unique serial number for each torque wrench, corresponding to the certificate of calibration



Shockproof packaging

Specially designed for all series of “NovaTork” torque products





TEC Series Telecom-Specific Torque Wrench

— Designed specifically for the telecommunications industry, used in some equipment such as telecommunications controllers.

- Accuracy: $\pm 6\%$ from 20% to 100% of capacity.
- Aluminum one-piece structure.
- Special design for Telecom, 45 degrees bending structure.
- When the torque is reached, the head will bend to effectively avoid overloading.
- Unique adjustment and locking system.
- Good looking and comfortable to use.

Item No.	Opening Size	Torque Range		Length mm	Width mm	Weight Kg
		N.m	Lb.in			
TEC-00-0.5	5/16*	0.5*	4*	140	14	0.13
TEC-00-1.0	5/16*	1*	9*	140	14	0.13
TEC-00-1.5	5/16*	1.5*	14*	140	14	0.13

*Means it can be customized





BWM Series Break-Free Torque Wrench

- Accuracy: $\pm 6\%$ from 20-100% of capacity.
- Alloy one-piece structure, good looking.
- Special break design, avoid the situation that the sound of Click wrench is not heard.
- Special adjusting tool and locking for reliable work.
- Interchangeable head for various applications.

Item No.	Torque Range N.m	Length mm	Width mm	Weight kg
BWM2	0.2-2.0	130	18	0.07
BWM5	0.5-5.0	148	18	0.08
BWM10	1.0-10.0	168	18	0.09

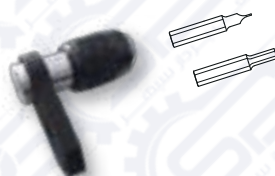
Remarks: Sizes and weight do not include the inserts.

Matching open end insert :

Item No.	Length mm	Width mm	Thickness mm	Weight Kg	Inserts
OB05	31.5	12.7	2	0.012	
OB05.5	31.8	12.7	2.5	0.015	
OB06	32	15.3	3	0.02	
OB07	32.5	15.7	3	0.02	
OB08	32.8	16.3	5	0.021	
OB10	34	18.7	6	0.023	
OB13	35	25	6	0.03	
OB16	39.3	27.4	6	0.032	

Matching insert for BITs :

Inserts: BIT08(1/4"), BIT10(5/16")



Mini Torque Wrench for Dentistry

- All stainless steel.
- Head bending structure.
- Specially designed for dentistry.
- The torque can be set as user required.



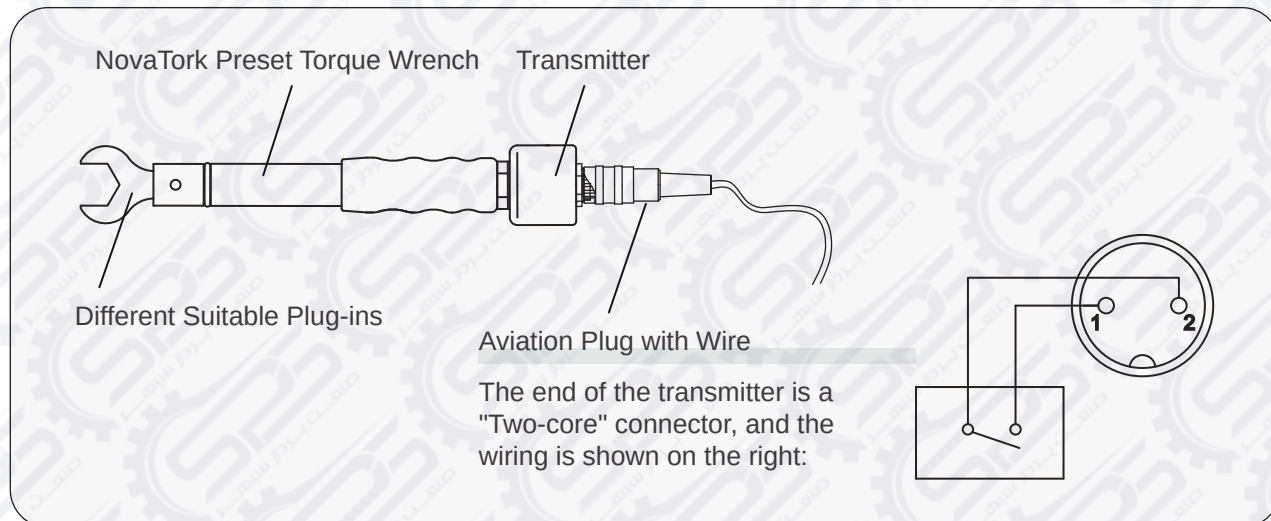
DC-00TX(QC) Series

Wired Transmitter for Preset Torque Wrench



Note: DC-00TX model is a wired transmitter, the torque wrench is not included in this model.

- This wired transmitter unit may be preferred where interference may interfere with the wireless signal transmission.
- Wired transmitter unit mounted at the end of the torque wrench. Each time the torque wrench "clicks", an ok signal is sent to the external receiver for further processing of the signal information.
- Power supply should be DC24/2A. Make sure the torque wrench is in good condition and connect the aviation plug with wire to start using.



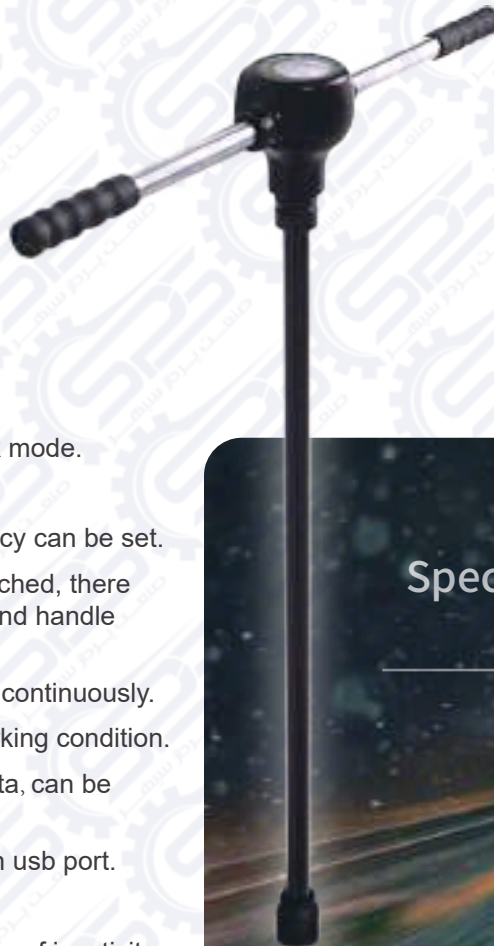
Note: The wired transmitter can be used with most NovaTork preset torque wrench of PC / PCH series. If you need it, please consult the supplier.



NEW
Developing

RWT Model Electronic Torque Wrench for Railways

- This is a special torque wrench for tightening railroad track bolts. With the design of T-handle, operators can apply force with both hands at the same time and get the best operating experience.
- The main part has a color screen display and control buttons, and the target torque value can be set according to torque requirements of the bolts.
- When the applied force reaches the target torque value, there will be audible, visual and handle vibration alarms, thus effectively ensuring the safety of moving trains.



- Accuracy: CW $\pm$ 2%, CCW $\pm$ 3%.
- 4 Units: Nm, Lbft, Lbin, Kgcm.
- 2 Modes: Peak Torque mode, Track mode.
- Peak value hold function.
- 10 sets of Target torque and accuracy can be set.
- When the target torque value is reached, there will be screen display, buzzer and and handle vibration alarms.
- Automatic zero clearing when used continuously.
- Screen backlight, good for dark working condition.
- Memory function of 1500 sets of data, can be uploaded to computer by USB port.
- Built-in lithium battery, charging with usb port.
- Battery level display.
- Automatically shut off after 2 minutes of inactivity.
- Optional rated torque: 250Nm, 400Nm

Specially developed
for Railways

WE_B Series WiFi Multifunctional Electronic Torque Wrench with Large Screen and Centralized Control Software



WE_B model electronic torque wrench consists two parts:

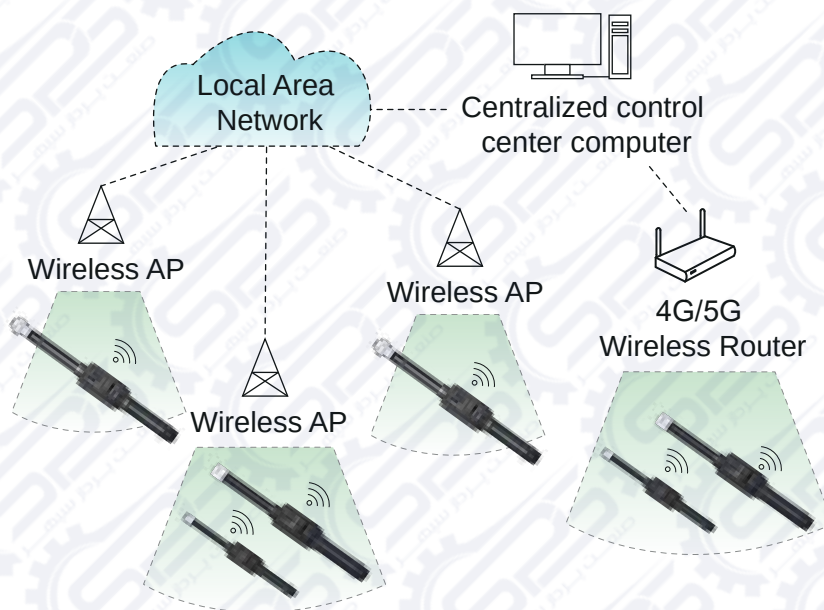
Torque wrench

The wrench not only has all the functions of an electronic torque wrench, but also has angle and WiFi function. The wrench itself can be used independently.

Computer software

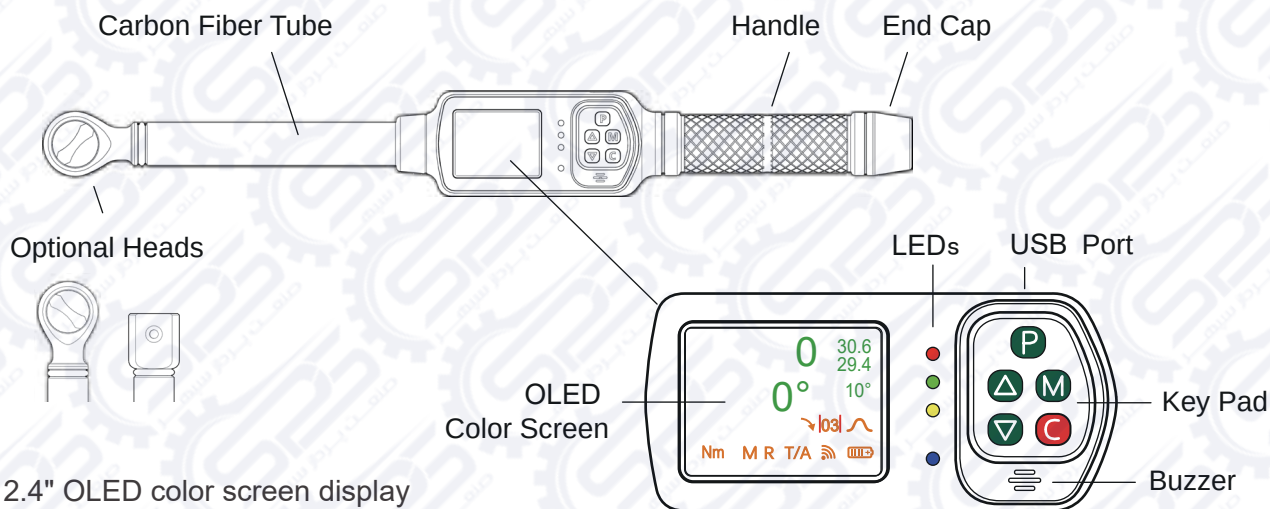
Once the software is installed on the computer in the centralized control center and the wrench is connected, wireless applications can be realized.

- Under the WiFi environment, the wrench and the centralized control center can realize real-time communication.
- 24 wrenches can be controlled at the same time.
- For customers with development capability, communication protocols interface can be provided to enhance enterprise-level management of torquing.



Main Features and Functions

- Accuracy: Torque: CW $\pm$ 1%, CCW $\pm$ 2% +1digit from 10% to 100% of capacity;
Angle: ($\pm$ 1% of reading) + ($\pm$ 1° @ angular speed of 10°/s~180°/s) + ($\pm$ 1° of test fixture)

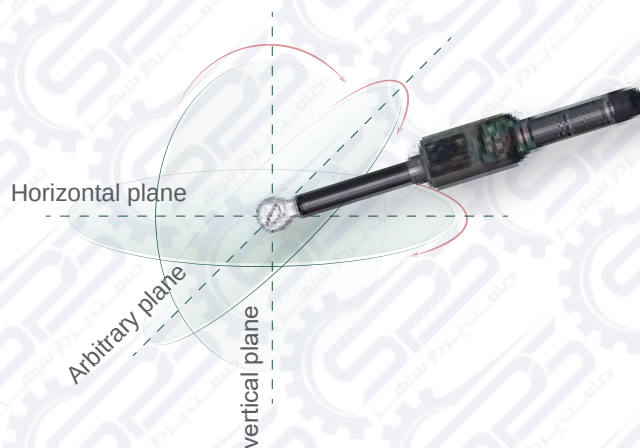


- 2.4" OLED color screen display
- Menu operation, easy to set and use
- 7 Torque units are available:
Nm, Lbin, Lbft, Kgm, Kgcm, cNm, Ozin
- Two modes: Peak and Track
- Target values can be set, with five Test Types available.
 - Peak Torque test, target torque value can be set
 - Peak Angle test, target angle value can be set
 - Peak Torque+Angle test, can set target torque and angle values
 - Beta test function, which can measure the torque and angle of tightening a bolt
 - Residual torque function, which can test residual torque
- When the set torque or angle is reached, there're sound, light and handle vibration alarms.
- During continuous operation, the wrench will automatically reset to zero.
- After one test is completed, there will be data waveform display.
- 64 Application curves can be saved and viewed on the wrench.
- **Preset group function:** 50 sets of parameters can be preset (parameters include torque unit, target value, accuracy, mode, etc.).
- **Ratio function:** For the non-standard calculation of the head extension, it is not necessary to do calculation every time, input the coefficient once, and the actual value will be displayed on the screen.
- The screen brightness can be adjusted.
- The standby time can be adjusted, and the wrench will automatically shut down after the standby time.
- Battery level is displayed on the screen.
- Using 18650 high-capacity lithium battery, which can be charged through the Type-C port on the wrench. The battery can be removed and charged on a dedicated charger for replacement, without delaying work.

• Angle function:

Angle function can be applied to the requirement of reaching a certain torque and then turning through a certain angle, or pure angle testing.

- High-precision gyroscope angle chip was specially developed for NovaTork by a team of academic experts.
- Sensitive recognition of any plane and any angle.



• **Two-way communication function:** For example, when you set the parameters on the wrench end, the centralized control center can read the information. You can also set the parameters from the computer in the centralized control center and upload them to the wrench.



12 Wrenches per page on the software

• **Remote locking function:** The wrench can be locked through the centralized control center, then the wrench end is not allowed to modify any parameters.

• **Data Storage:** The data of operating the wrench can be automatically sent to the centralized control center and saved. The wrench also has its own memory, which can save 2000 groups of data. If there is no WiFi communication temporarily, the data will be automatically stored in the memory of the wrench and will be uploaded automatically after WiFi is restored.

WEM_B Model

Reversible Ratchet Head Torque Wrench
Both directions, 8° swing suitable for confined space



Metric

Item No.	Square Drive	Torque Range		Length mm	Width mm	Weight kg
		N.m	Lb.ft			
WEM260B	3/8"	6-60	30-300*	430	38	0.99
WEM2100B	3/8"	10-100	7.4-73.8	460	38	1.05
WEM3200B	1/2"	20-200	14.8-148	526	40	1.2
WEM3300B	1/2"	30-300	22.1-221	606	40	1.35
WEM3340B	1/2"	34-340	25-250	606	40	1.35

*Unit is Lb.in

WEMH_B Model

Rectangular Shank Head Holder Torque Wrench
For rectangular shank head inserts



Metric

Item No.	Square Drive	Torque Range		Length mm	Width mm	Weight kg
		N.m	Lb.ft			
WEMH960B	9×12	6-60	30-300*	402	24	0.86
WEMH9100B	9×12	10-100	7.4-73.8	432	24	0.93
WEMH14200B	14×18	20-200	14.8-148	505	32	1.04
WEMH14300B	14×18	30-300	22.1-221	585	32	1.2
WEMH14340B	14×18	34-340	25-250	585	32	1.2

*Unit is Lb.in

For English Unit, please consult the supplier.

NovaTork®

Torque Screwdriver





MS Series Mechanical Torque Screwdriver

- Accuracy: $\pm 6\%$, which conforms to the ASME B107.14 standard.
- 1/4" hexagon socket with a quick-release design, convenient for changing various bits.
- Reliable locking mechanism, light operation.
- Clearer scale, accurate increment.
- Engineering plastic, oil resistant and non-slip resistant, durable.
- Ergonomic handle, double color with soft and hard adhesive, comfortable grip.
- There's a 1/4" female square hole at the end, convenient for users to insert a T-bar for tightening screws with high torque (usually for 250cNM and above).

Metric

Item No.	Square Drive	Torque Range cN.m	Increment cN.m	Length mm	Width mm	Weight kg
MSM1100	1/4"	20-100	2	172	38	0.26
MSM1250	1/4"	50-250	5	172	38	0.26
MSM1360	1/4"	60-360	5	172	38	0.26
MSM16	1/4"	1.0-6.0*	0.1*	172	38	0.26

*Unit is N.m

English

Item No.	Square Drive	Torque Range Lb.in	Increment Lb.in	Length mm	Width mm	Weight kg
MSI18	1/4"	3.0-18	0.3	172	38	0.26
MSI36	1/4"	6.0-36	0.5	172	38	0.26
MSI50	1/4"	10-50	1	172	38	0.26

Item No.	Square Drive	Torque Range Oz.in	Increment Oz.in	Length mm	Width mm	Weight kg
MSI100	1/4"	20-100	2	172	38	0.26





ES Series Digital Torque Screwdriver

- Accuracy: CW $\pm$ 3%, CCW $\pm$ 5% from 10% to 100% of capacity
- Torque units: Lb.in, cNm, Kg.cm.
- Target torque can be easily set on the LCD display.
- Led light and buzzer alarming.
- Backlight can be turned on, good for dark condition.
- Peak value hold function.
- Automatic zero clearing when used continuously.
- Battery level display.
- The built-in lithium battery can be charged by the dedicated the charging adapter.
- Automatically shuts off after 3 minutes of non use.
- There's a 1/4" female square hole at the end, convenient for users to insert a T-bar for tightening screws with high torque (usually for 250cNm and above).



Metric

Item No.	Square Drive	Torque Range cNm	Length mm	Width mm	Weight kg
ESM1100	1/4"	20-100	210	40	0.23
ESM1250	1/4"	50-250	210	40	0.23
ESM1360	1/4"	60-360	210	40	0.23
ESM16	1/4"	1-6*	210	40	0.23

*Unit is Nm.

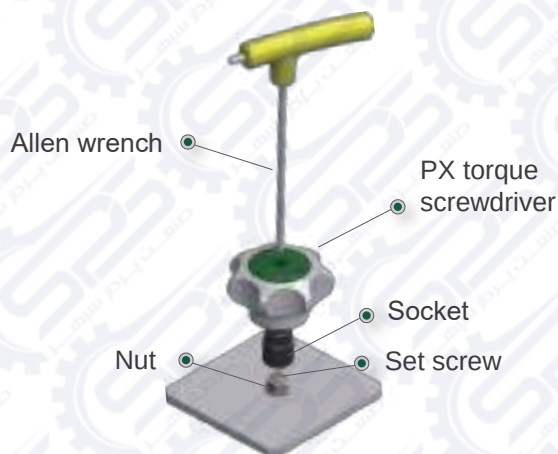
English

Item No.	Square Drive	Torque Range Lb.in	Length mm	Width mm	Weight kg
ES136	1/4"	6-36	210	40	0.23
ES150	1/4"	10-50	210	40	0.23

PX Series Preset Airline Torque Screwdriver

There are many working conditions with such requirements: to ensure the distance below the set screw, the screw must be kept at a fixed distance from the bottom. This screwdriver can do it effectively.

- Close to working piece, better grip.
- 3/8" Square drive, meet most applications in the market.
- Tightening bolts or nuts with different size sockets easily.
- Center-hole design, tightening the set screws with nuts application by allen wrench and sockets.
- Preset desired torque.



USE CASE



When the screw is screwed into position:

Insert allen wrench into set screw's hexagon through the PX Torque Screwdriver, fix the screw and keep it from moving.

Holding allen wrench, socket fit with the nut, rotate the PX Torque Screwdriver in clockwise to tight the nuts, so that the set screw is fixed.

Note: In above sample, the allen wrench and socket are optional.

Item No.	Square Drive	Torque Range		Length mm	Width mm	Weight kg
		cN.m	Lb.in			
PX2160	3/8"	50-160	5-15	60	70	0.28
PX2360	3/8"	100-360	10-30	65	70	0.3



Allen wrench and socket are sold separately.

Mini Preset Torque Screwdriver for Medical Treatment

- Preset torque
- Stainless shaft
- Grooved grip is easy to operate
- Specially designed for implanted pacemaker
- The torque can be set as user required.



NovaTork®

Torque Multiplier



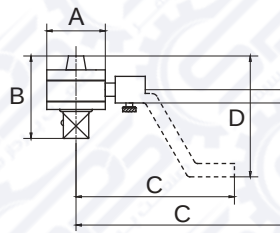
M Series Torque Multiplier

- Alloy steel construction, long life.
- Ratio accuracy: $\pm 5\%$.
- There are three types of M series:
 - M3.model, two reaction arms are available.
 - M5 and M25 models, the position of the force cylinder on the reaction arm can be adjusted according to applications. Above 2500Nm, the model has anti-backlash built-in, more secure to operate.

M3 Model

Torque Multiplier

Two reaction arms are available



Metric

Item No.	Square Drive	Output Square Drive	Torque Range		Ratio	A mm	B mm	C mm	D mm	Tool Weight kg	Reaction Arm Weight kg
			N.m	Lb.ft							
M3.31000	1/2"	3/4"	1000	750	3.3:1	71	85	245/175	130	1.4	0.77+0.63
M3.31000T1	1/2"	1"	1000	750	3.3:1	71	85	245/175	130	1.44	0.77+0.63

Remarks: M3.31000T1 is the upgraded version of M3.31000T.

M5 / M25 Model

Torque Multiplier

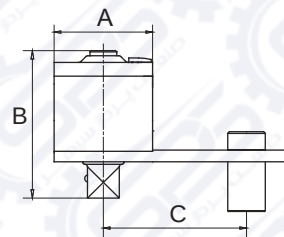
The position of the force point on the reaction arm is adjustable



M5



M25

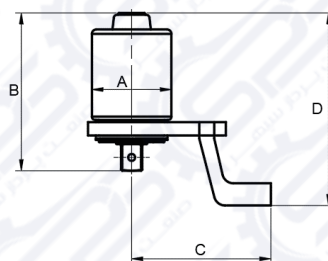


Metric

Item No.	Square Drive	Output Square Drive	Torque Range		Ratio	A mm	B mm	C mm	Tool Weight kg	Reaction Arm Weight kg
			N.m	Lb.ft						
M51500D	1/2"	1"	1500	1125	5:1	112	93	82-187	6.1	1.2
Item No.	Square Drive	Output Square Drive	Torque Range		Ratio	A mm	B mm	C mm	Tool Weight kg	Reaction Arm Weight kg
N.m	Lb.ft									
M252500D	1/2"	1"	2500	1875	25:1	112	141	82-187	8.8	1.2
M253000D	1/2"	1"	3000	2250	25:1	112	141	82-187	8.8	1.2
M253500D	1/2"	1 1/2"	3500	2600	25:1	112	167	82-187	9.7	1.2
M254000D	1/2"	1 1/2"	4000	3000	25:1	112	167	82-187	9.7	1.2
M256000D	1/2"	1 1/2"	6000	4500	25:1	130	179	94.5-211	14.2	2.15
M258000D	1/2"	1 1/2"	8000	6000	25:1	162	195	130-294	23.8	3
M2510000D	3/4"	1 1/2"	10000	7375	25:1	162	199	130-294	23.9	3

LM Series Lightweight Torque Multiplier

- Compact structure, light weight, easy to carry and use.
- Backlash safety protection device for 1500N.m and above, safer to use.



Item No.	Square Drive	Output Square Drive	Torque Range		Modulus	Ratio	Dimensions (mm)				Weight* Kg
			N.m	Lb.ft			φA	B	C	D	
LMH41000	1/2"	3/4"	200-1000	150-750	1.5	4:1	72	142	125	173	3.8
LMH51500	1/2"	1"	300-1500	220-1100	1.5	5:1	82	153	130	190	4.2
LMH52000	1/2"	1"	400-2000	300-1500	1.5	5:1	82	153	130	190	4.2
LMF52500	1/2"	1"	500-2500	380-1900	1.75	18:1	96	173	138	211	4.7
LMF53000	1/2"	1"	600-3000	440-2200	1.75	18:1	96	173	138	211	4.7
LMF63500	1/2"	1 1/2"	700-3500	500-2500	1.75	18:1	96	199	145	256	5.4
LMF64000	1/2"	1 1/2"	800-4000	600-3000	1.75	18:1	96	199	145	256	5.4

* Weight is estimated.

NovaTork®

Torque Tester





TEM Series Torque Tester

- Accuracy: $\pm 0.5\%$ from 10% to 100% of capacity
- 7 Inch color touch screen
- Menu easy to operate
- Languages available: Chinese or English
- 8 Units: N.m, cN.m, kgm, ckgm, gm, Lb.ft, Lb.in, Oz.in
- Three modes: First Peak, Peak, Track
- Three interfaces: Regular, Preset, Wave
- During the wrench test, 15 test data will be automatically stored
- Stores up to 5000 test data
- 100 sets of parameters can be preset
- Continuous test, automatically clear to zero
- Overload warning signal
- Upload data to computer by USB port
- You can open the built-in feet on the back to support the meter at an angle more suitable for reading



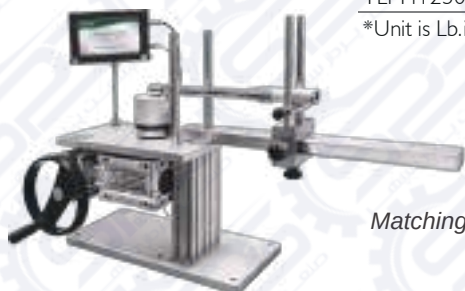
Waveform Interface



Build-In Feet on The Back

Item No.	Square Drive	Torque Range		Out Diameter mm	Height mm	Weight kg	Loader for Tester
		N.m	Lb.ft				
TEM112	1/4"	1.2-12	10.6-106.2*	102	77	2.1	TSI350
TEM225	3/8"	2.5-25	1.8-18	102	77	2.3	
TEM240	3/8"	4.0-40	3.0-30	102	77	2.33	
TEM275	3/8"	7.5-75	5.5-55	102	77	2.37	
TEM3150	1/2"	15-150	11-110	102	77	2.44	TSI1100
TEM3250	1/2"	25-250	18.4-184	102	77	2.52	
TEM3400	1/2"	40-400	29.5-295	102	77	2.44	
TEM4650	3/4"	65-650	48-480	136	103	2.54	TSI2000
TEM41250	3/4"	125-1250	92.2-922	136	103	2.73	

*Unit is Lb.in

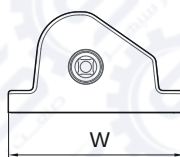
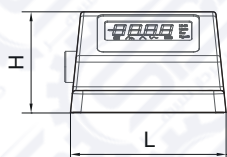


Matching TS torque tester loader, please check TS model for details

TES Series Torque Tester

Designed for calibration or inspection of torque wrenches at the production site.

- Accuracy: $\pm 1\%$ from 10% to 100% of capacity.
- 4 Units: Nm, Kgcm, Lbft, Lbin.
- Three test mode: First Peak, Peak and Track.
- Peak value hold function for First Peak and Peak mode.
- Three-color light and buzzer will alarm when the torque reaches the set value.
- Torque error percentage display function, saves the operator from tedious calculations.
- Backlight optional, good for low light conditions.
- Memory function: Store 1500 sets of data as required, each set include time, unit, and value.
- Battery capacity display.
- Micro-USB port for charging and uploading data to computer.
- Built-in rechargeable lithium battery, easy to charge by connecting the power adapter.
- Four bolts are designed at the bottom for fixing the tester on a workbench or other floor.
- Automatic shutdown after 10 minutes of non-use.



Item No.	Square Drive	Torque Range		Length (L) mm	Width (W) mm	Height (H) mm	Weight kg
		N.m	Lb.ft				
TES112	1/4"	1.2-12	10.6-106.2*	135	136	85	2.2
TES225	3/8"	2.5-25	1.8-18	135	136	85	2.4
TES240	3/8"	4.0-40	3.0-30	135	136	85	2.6
TES275	3/8"	7.5-75	5.5-55	135	136	85	2.8
TES3150	1/2"	15-150	11-110	135	136	85	2.9
TES3250	1/2"	25-250	18.4-184	135	136	85	3.1
TES3400	1/2"	40-400	29.5-295	135	136	85	3.2
TES4650	3/4"	65-650	48-480	135	136	85	3.2
TES41100	3/4"	110-1100	81.1-811	135	136	85	3.4

*Unit is Lb.in



Note: Torque Tester and Torque Wrench are not included in TS model.

TS Series Manual Loader for Torque Wrench Testing

- Large diameter wheel for easy and smooth application of torque.
- Different load cells may be used, some requiring special mounting adapters.
- Instrument rack tray is adjustable for comfort and good visibility.
- Can be adjusted to accommodate different wrench lengths and heights.
- Torque Tester and Torque Wrench are not included.

Item No.	Max.Torque N.m	Arm Length		Length mm	Width mm	Height mm	Weight kg
		Min(mm)	Max(mm)				
TS1350	350	197	686	860	290	590	32.5
TS11100	1100	380	1350	1760	350	590	76
TS12000	2000	420	1690	2090	350	590	80

Customized for special requirements.



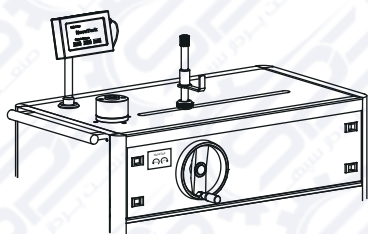
Matching TEM torque tester,
please check TEM model for details



Note: Torque Tester and Torque Wrench are not included in this model.

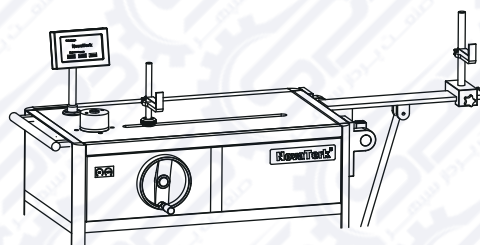
TS-TEM-CH Series Trolley for Torque Wrench Testing

- Designed for mobile testing or calibration of torque wrenches on production lines.
- The table is arranged with the position of the meter, transducer, and moveable reaction bar.
- There is a hand wheel on the front side. The large diameter hand wheel can be easily turned to test the torque wrench with controlled speed of force application.
- The trolley has four wheels, two are swivel casters with brakes. You can easily push the trolley to the production site by holding the handle, and step on the brakes of the wheels to secure the trolley.
- The trolley is equipped with storage drawers, where sensors, USB cables and auxiliary tools can be placed.
- L type with extended reaction bar, the extension bar is actuated by an electric motor automatically propped up by the electric pusher, which is very convenient.



TS-TEM-CH Model

- Max. measurable torque: 400 N.m
- Adjustable reaction bar for torque wrench: 130-700 mm
- Length x Width x Height: 1115x605x1365mm
- Net weight: 101 kg



TS-TEM-CHL Model With Extension Bar

- Max. measurable torque: 1250 N.m
- Adjustable reaction bar for torque wrench: 130-1450 mm
- Extension bar extended (LxWxH): 730x750x1300mm
- Extension bar retracted (LxWxH): 560x750x1300mm
- Net weight: 155 kg



Matching NovaTork TEM torque tester, please check TEM model for details

NovaTork[®]

Torque Wireless System



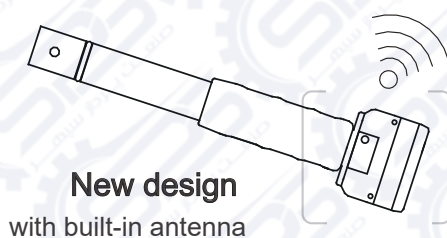
DC-04WX Series

1-To-1 Wireless Transmitter System (Counting Type) for Preset Torque Wrench



Note: DC-04WX model includes wireless transmitter and wireless receiver, and does not include the preset torque wrench. This system needs to be used with NovaTork PC series preset torque wrench.

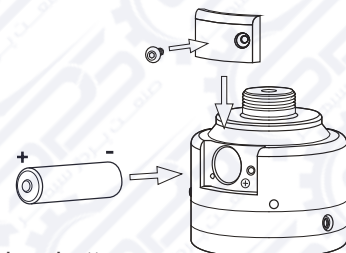
- This One-to-One wireless transmission system is specially designed for the production line to ensure all the bolts are tightened.
- After “Click” , the wireless receiver will capture a signal and meanwhile send out one to the switch, then the system is available.
- Wireless wrenches can be used at a radial distance of 20m.
- Wireless transmission frequency is 2.4GHz.
- The power of receiver is 12V DC, transformed by dedicated adapter.
- When “Click”, the four green LEDs around the transmitter will on, as well as the green LED on the receiver.
- The transmitter is equipped with 3.7V 14500 lithium battery, which can be replaced without delay.
- The antenna of the transmitter is built-in, good looking and safe.

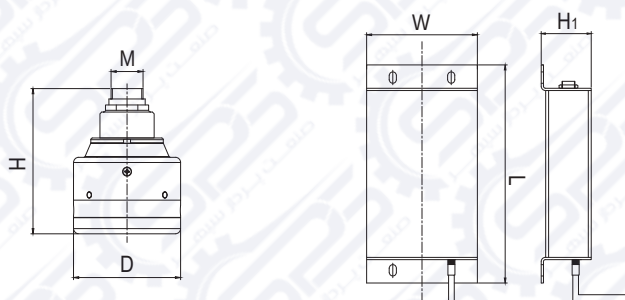


New design
with built-in antenna

Easy battery replacement

One 3.7V 14500 lithium battery





Item No.	Wireless Transmitter			Wireless Receiver		
	Thread M	Outer diameter(D) mm	Height(H) mm	Length(L) mm	Width(W) mm	Height(H1) mm
DC-04WX	M20.5X1.25	Ø62	70.5	131	66	27
DC-04WX-A	M18.5X1.25	Ø62	84.1	131	66	27
DC-04WX-B	M14.5X1.25	Ø62	84.1	131	66	27

Matching NovaTork PC series preset torque wrench as follows:

Item No.	Matching Torque Wrench		Item No.	Matching Torque Wrench	
DC-04WX	PC3200		PCI12		DC-04WX-A
	PC3340		PCI20		
	PC4500		PC230		
	PC4650		PC260		
	PC4800		PC2125		
	PC41000		PCH920		
	PC51000		PCH925		
	PC51500		PCH935		
	PC52000		PCH950		
	PC53000		PCH960		
	PCH9180T1	PCH985			
	PCH14200	PCH9120			
	PCH14300	PCI15S			
	PCH14340	PCI110S			
	PCH24500	PCI115S			
	PCH24650	PCH95S		DC-04WX-B	
	PCH24800	PCH910S			
	PCH241000	PCH915S			
	PCH271500	PCH940S			
	PCH272000				
	PCH273000				

For more information about PC series torque wrenches, please see the leaflet of PC Series.

WE_B Series WiFi Multifunctional Electronic Torque Wrench with Big Screen and Centralized Control Software

(For details of this product, please refer to P34-36 under the category "Torque Wrenches")



1-To-24 Wrenches

NovaTork®

Fittings for Torque Wrenches



Interchangeable Torque Wrench Heads

Fittings for Rectangular Shank Head Torque Wrench



DH

P55



Push-through
Ratchet Head

DXH

P56



Open End

OH/OYH

P57



Box End

QH/QYH

P60



Open Box
End

QOH/QOYH

P62



V-Open
End

V-OH

P64

eg



Fittings for Round Holder Head Torque Wrench



Ratchet head
(Clockwise and
Counter-Clockwise)

DR

P65



Open End

OR/OYR

P66



Box End

QR/QYR

P68



Open Box End

QOR/QOYR

P69

eg



Fittings for Ratchet Head Torque Wrench



Crowfoot Wrench

OD/OYD

P70



Open Box End

QOD/QOYD

P72

eg



Special Models



Square Drive Adapter

CH P74



Welding Joint Fitting

H P75

DH Series Square Drive Ratchet Head (Clockwise & Counter-Clockwise)

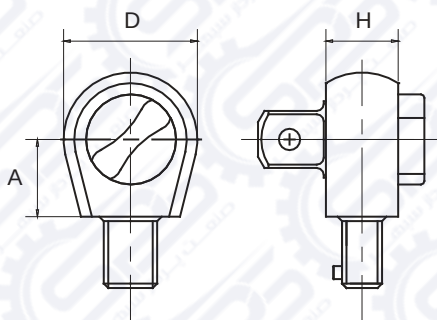
For Rectangular Shank Head Torque Wrenches



Small Size



Big Size



DH Model

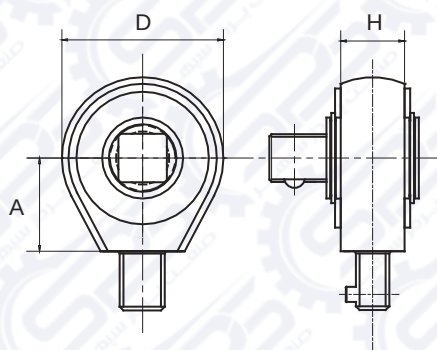
Item No.	Square Drive	Shank Size mm	A mm	H mm	D mm	Weight g
DH9120	1/4"	9x12	17.5	16.2	30	90
DH9125	1/4"	9x12	17.5	21	38	160
DH92160	3/8"	9x12	17.5	21	38	160
DH93160	1/2"	9x12	17.5	21	38	160
DH142160	3/8"	14x18	25	21	40	265
DH143420	1/2"	14x18	25	21	40	280
DH144420	3/4" *	14x18	25	21	40	305
DH2441200	3/4"	24x32	35	32	60	1040
DH2451200	1" *	24x32	35	32	60	1140
DH2753000	1"	27x36	50	42	72	1720

* marks are special fittings, you should adjust the torque according to torque wrench manual

DXH Series

Square Drive Push-Through Ratchet Head

For Rectangular Shank Head Torque Wrenches



DXH Model

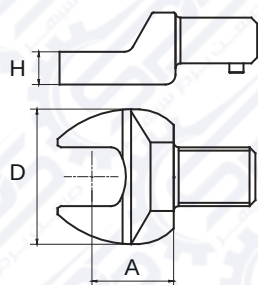
Item No.	Square Drive	Shank Size mm	A mm	H mm	D mm	Weight g
DXH9125	1/4"	9x12	24.8	17	40	190
DXH92160	3/8"	9x12	24.8	17	40	200
DXH93160	1/2"	9x12	24.8	17	48	260
DXH143420	1/2"	14x18	24.8	17	48	325
DXH144420	3/4"	14x18	39	26	69	1020
DXH2441200	3/4"	24x32	39	26	69	1350
DXH2451200	1"	24x32	51	32	91	2120
DXH2753000	1"	27x36	51	32	91	2230

Application of Push-Through Head:



OH Series Square Drive Open End

For Rectangular Shank Head Torque Wrenches



OH Model

Metric

Item No.	Opening Size mm	Shank Size mm	A mm	H mm	D mm	Weight g
OH94	4	9x12	17.5	4	22	35
OH95	5	9x12	17.5	4	22	35
OH95.5	5.5	9x12	17.5	5	22	38
OH96	6	9x12	17.5	5.5	22	42
OH97	7	9x12	17.5	5.5	22	38
OH98	8	9x12	17.5	5.5	22	40
OH99	9	9x12	17.5	6	25	44
OH910	10	9x12	17.5	6	25	45
OH911	11	9x12	17.5	6	25	42
OH912	12	9x12	17.5	7	29	49
OH913	13	9x12	17.5	7	29	50
OH914	14	9x12	17.5	8	33	59
OH915	15	9x12	17.5	8	33	57
OH916	16	9x12	17.5	8	38	56
OH917	17	9x12	17.5	8	38	61
OH918	18	9x12	25*	8	42.5	93
OH919	19	9x12	25*	8	42.5	89
OH920	20	9x12	25*	8	48	90
OH921	21	9x12	25*	8	48	105
OH922	22	9x12	25*	8	48	100
OH923	23	9x12	25*	8	52	100
OH924	24	9x12	25*	8	52	109
OH925	25	9x12	30*	8	57	110
OH926	26	9x12	30*	8	57	110
OH927	27	9x12	30*	8	57	136
OH928	28	9x12	30*	8	57	142
OH929	29	9x12	30*	8	57	142
OH930	30	9x12	35*	8	65	195
OH931	31	9x12	35*	8	65	145
OH932	32	9x12	35*	8	65	190
OH933	33	9x12	40*	8	68	145
OH934	34	9x12	40*	8	68	145
OH935	35	9x12	40*	8	68	145
OH936	36	9x12	40*	8	68	145
OH937	37	9x12	40*	8	68	145
OH938	38	9x12	40*	8	68	145
OH939	39	9x12	50*	8	83.5	145
OH940	40	9x12	50*	8	83.5	145
OH941	41	9x12	50*	8	83.5	145
OH942	42	9x12	50*	8	90	160
OH943	43	9x12	50*	8	90	165
OH944	44	9x12	50*	8	90	165
OH945	45	9x12	50*	8	90	165
OH946	46	9x12	50*	8	90	165
OH947	47	9x12	55*	8	100	175

Item No.	Opening Size mm	Shank Size mm	A mm	H mm	D mm	Weight g
OH948	48	9x12	55*	8	100	175
OH949	49	9x12	55*	8	100	175
OH950	50	9x12	55*	8	100	175
OH951	51	9x12	55*	8	100	175
OH952	52	9x12	55*	8	100	175
OH953	53	9x12	55*	8	100	175
OH954	54	9x12	55*	8	100	175
OH955	55	9x12	55*	8	100	175
OH956	56	9x12	60*	8	110	215
OH957	57	9x12	60*	8	110	215
OH958	58	9x12	60*	8	110	215
OH960	60	9x12	60*	8	110	215
OH962	62	9x12	60*	8	110	215
OH963	63	9x12	60*	8	110	215
OH965	65	9x12	65*	8	117	225
OH966	66	9x12	65*	8	117	225
OH967	67	9x12	65*	8	117	225
OH968	68	9x12	65*	8	117	225
OH970	70	9x12	65*	8	117	225
OH975	75	9x12	75*	8	125	240
OH980	80	9x12	80*	8	155	175
OH985	85	9x12	80*	8	155	175
OH990	90	9x12	90*	8	165	300
OH991	91	9x12	90*	8	165	300
OH995	95	9x12	90*	8	170	310
OHI46	6	14x18	25	7	30	120
OHI47	7	14x18	25	7	30	120
OHI48	8	14x18	25	7	30	120
OHI49	9	14x18	25	7	30	118
OHI410	10	14x18	25	7	30	116
OHI411	11	14x18	25	7	30	114
OHI412	12	14x18	25	7	30	112
OHI413	13	14x18	25	8	32	121
OHI414	14	14x18	25	8	32	128
OHI415	15	14x18	25	8	32	116
OHI416	16	14x18	25	9	38	116
OHI417	17	14x18	25	9	38	136
OHI418	18	14x18	25	10	42	151
OHI419	19	14x18	25	10	41	150
OHI420	20	14x18	25	12	48	145
OHI421	21	14x18	25	12	48	182
OHI422	22	14x18	25	12	48	180
OHI423	23	14x18	25	13	52	156
OHI424	24	14x18	25	13	51.5	185
OHI425	25	14x18	25	13	52	163

Item No.	Opening Size mm	Shank Size mm	A mm	H mm	D mm	Weight g
OH1426	26	14x18	30*	14	57	163
OH1427	27	14x18	30*	14	57.5	228
OH1428	28	14x18	30*	14	57	255
OH1429	29	14x18	30*	14	57	255
OH1430	30	14x18	35*	14	65	269
OH1431	31	14x18	35*	14	65	255
OH1432	32	14x18	35*	14	65	266
OH1433	33	14x18	40*	14	68	360
OH1434	34	14x18	40*	14	68	317
OH1435	35	14x18	40*	14	68	365
OH1436	36	14x18	40*	14	68	365
OH1437	37	14x18	40*	14	68	440
OH1438	38	14x18	40*	14	68	440
OH1439	39	14x18	50*	14	83	435
OH1440	40	14x18	50*	14	83	430
OH1441	41	14x18	50*	14	83	430
OH1442	42	14x18	50*	14	83	430
OH1443	43	14x18	50*	14	90	480
OH1444	44	14x18	50*	14	90	550
OH1445	45	14x18	50*	14	90	600
OH1446	46	14x18	50*	14	90	595
OH1447	47	14x18	55*	14	100	595
OH1448	48	14x18	55*	14	100	595
OH1449	49	14x18	55*	14	100	610
OH1450	50	14x18	55*	14	100	610
OH1451	51	14x18	55*	14	100	600
OH1452	52	14x18	55*	14	100	600
OH1453	53	14x18	55*	14	100	600
OH1454	54	14x18	55*	14	100	600
OH1455	55	14x18	55*	14	100	585
OH1456	56	14x18	60*	14	110	650
OH1457	57	14x18	60*	14	110	650
OH1458	58	14x18	60*	14	110	650
OH1459	59	14x18	60*	14	110	650
OH1460	60	14x18	60*	14	110	650
OH1461	61	14x18	60*	14	110	640
OH1462	62	14x18	60*	14	110	650
OH1464	64	14x18	60*	14	110	650
OH1465	65	14x18	70*	14	130	680
OH1466	66	14x18	70*	14	130	680
OH1467	67	14x18	70*	14	130	690
OH1468	68	14x18	70*	14	130	690
OH1470	70	14x18	70*	14	130	700
OH1472	72	14x18	70*	14	130	690
OH1475	75	14x18	70*	14	130	720
OH1477	77	14x18	80*	14	150	730
OH1478	78	14x18	80*	14	150	730
OH1479	79	14x18	80*	14	150	730
OH1480	80	14x18	80*	14	156	750
OH1485	85	14x18	80*	14	156	750
OH1486	86	14x18	80*	14	156	750
OH1488	88	14x18	80*	14	156	775
OH1490	90	14x18	80*	14	156	750
OH1495	90	14x18	90	14	186	850
OH14100	100	14x18	95	14	195	950
OH2413	13	24x32	35	25	50	650
OH2414	14	24x32	35	25	50	650
OH2415	15	24x32	35	25	50	650
OH2416	16	24x32	35	25	50	650
OH2417	17	24x32	35	25	50	650
OH2418	18	24x32	35	25	50	650
OH2419	19	24x32	35	25	50	650
OH2420	20	24x32	35	25	61	680
OH2421	21	24x32	35	25	61	680

Item No.	Opening Size mm	Shank Size mm	A mm	H mm	D mm	Weight g
OH2422	22	24x32	35	25	61	700
OH2424	24	24x32	35	25	61	680
OH2425	25	24x32	35	25	61	680
OH2426	26	24x32	35	25	66.5	715
OH2427	27	24x32	35	25	66.5	718
OH2428	28	24x32	35	25	66.5	719
OH2429	29	24x32	35	25	66.5	720
OH2430	30	24x32	35	25	68	720
OH2432	32	24x32	35	25	68	725
OH2433	33	24x32	40*	25	73.5	809
OH2434	34	24x32	40*	25	73.5	730
OH2435	35	24x32	40*	25	73.5	730
OH2436	36	24x32	40*	25	73.5	735
OH2438	38	24x32	40*	25	73.5	809
OH2440	40	24x32	40*	25	74	800
OH2441	41	24x32	50*	25	86	925
OH2442	42	24x32	50*	25	92	1000
OH2444	44	24x32	50*	25	92	1000
OH2445	45	24x32	50*	25	92	1000
OH2446	46	24x32	50*	25	92	1000
OH2447	47	24x32	55*	25	104	1000
OH2448	48	24x32	55*	25	104	1100
OH2450	50	24x32	55*	25	104	1150
OH2451	51	24x32	55*	25	104	1150
OH2455	55	24x32	55*	25	104	1300
OH2456	56	24x32	60*	25	114	1300
OH2457	57	24x32	60*	25	114	1330
OH2460	60	24x32	60*	25	114	1330
OH2462	62	24x32	60*	25	114	1330
OH2465	65	24x32	70*	25	134	1337
OH2467	67	24x32	70*	25	134	1415
OH2468	68	24x32	70*	25	134	1415
OH2470	70	24x32	70*	25	134	1620
OH2475	75	24x32	70*	25	134	1650
OH2480	80	24x32	80*	25	155	1650
OH2485	85	24x32	85*	25	160	1700
OH2495	95	24x32	90*	25	170	1750
OH2717	17	27x36	40	28	58.5	1250
OH2718	18	27x36	40	28	58.5	1250
OH2719	19	27x36	40	28	58.5	1250
OH2720	20	27x36	50	28	72.5	1250
OH2722	22	27x36	50	28	72.5	1250
OH2724	24	27x36	50	28	72.5	1250
OH2726	26	27x36	50	28	78.5	1250
OH2727	27	27x36	50	28	78.5	1250
OH2728	28	27x36	50	28	78.5	1250
OH2729	29	27x36	50	28	78.5	1250
OH2730	30	27x36	50	28	85	1295
OH2732	32	27x36	50	28	85	1295
OH2734	34	27x36	50	28	88	1330
OH2736	36	27x36	50	28	88	1335
OH2738	38	27x36	50	28	90	1338
OH2740	40	27x36	50	28	92	1440
OH2741	41	27x36	50	28	92	1440
OH2742	42	27x36	50	28	98	1440
OH2744	44	27x36	50	28	98	1440
OH2745	45	27x36	50	28	98	1440
OH2746	46	27x36	50	28	98	1440
OH2750	50	27x36	55*	28	118	1450
OH2753	55	27x36	55*	25	118	1450
OH2755	55	27x36	55*	25	118	1455
OH2760	60	27x36	60*	28	130	1460
OH2761	61	27x36	65*	28	131	1462
OH2765	65	27x36	65*	28	135	1462

Item No.	Opening Size mm	Shank Size mm	A mm	H mm	D mm	Weight g
OH2770	70	27x36	70*	28	142	1465
OH2775	75	27x36	75*	28	148	1780
OH2780	80	27x36	80*	28	158	2600
OH2785	85	27x36	85*	28	164	2850

OYH Model

English

Item No.	Opening Size	Shank Size mm	A mm	H mm	D mm	Weight g
OYH94	1/8"	9x12	17.5	5.5	22	38
OYH96	3/16"	9x12	17.5	5.5	22	38
OYH97	7/32"	9x12	17.5	5.5	22	38
OYH98	1/4"	9x12	17.5	5.5	22	38
OYH910	5/16"	9x12	17.5	5.5	22	37
OYH912	3/8"	9x12	17.5	6	25	43
OYH914	7/16"	9x12	17.5	6	25	42
OYH916	1/2"	9x12	17.5	7	29	47
OYH917	17/32"	9x12	17.5	8	33	58
OYH918	9/16"	9x12	17.5	8	33	57
OYH920	5/8"	9x12	17.5	8	38	56
OYH922	11/16"	9x12	17.5	8	38	80
OYH924	3/4"	9x12	25*	8	42.5	75
OYH926	13/16"	9x12	25*	8	48	100
OYH928	7/8"	9x12	25*	8	48	95
OYH930	15/16"	9x12	25*	8	53	110
OYH932	1"	9x12	30*	8	57	110
OYH934	1 1/16"	9x12	30*	8	57	140
OYH936	1 1/8"	9x12	35*	8	57	145
OYH940	1 1/4"	9x12	35*	8	70	145
OYH942	1 5/16"	9x12	35*	8	70	145
OYH944	1 3/8"	9x12	35*	8	80	145
OYH946	1 7/16"	9x12	40*	8	80	145
OYH948	1 1/2"	9x12	45*	8	68	145
OYH952	1 5/8"	9x12	45*	8	85	145
OYH960	1 7/8"	9x12	55*	8	100	155
OYH148	1/4"	14x18	25	7	30	110
OYH1414	7/16"	14x18	25	7	30	110
OYH1416	1/2"	14x18	25	7	30	110
OYH1418	9/16"	14x18	25	8	32	115
OYH1420	5/8"	14x18	25	9	38	128
OYH1422	11/16"	14x18	25	9	38	127
OYH1424	3/4"	14x18	25	10	42	137
OYH1426	13/16"	14x18	25	11	48	158
OYH1428	7/8"	14x18	25	11	48	155
OYH1429	29/32"	14x18	25	13	51.5	159
OYH1430	15/16"	14x18	25	13	51.5	159
OYH1431	31/32"	14x18	25	13	51.5	159
OYH1432	1"	14x18	25	13	51.5	163
OYH1434	1 1/16"	14x18	30*	14	57	230
OYH1436	1 1/8"	14x18	30*	14	57	255
OYH1438	1 3/16"	14x18	30*	14	65	255
OYH1440	1 1/4"	14x18	35*	14	65	255
OYH1442	1 5/16"	14x18	35*	14	75	280
OYH1444	1 3/8"	14x18	40*	14	68	365
OYH1446	1 7/16"	14x18	40*	14	68	365
OYH1448	1 1/2"	14x18	45*	14	85	440

Item No.	Opening Size mm	Shank Size mm	A mm	H mm	D mm	Weight g
OH2790	90	27x36	90*	28	176	2900
OH2795	95	27x36	95*	28	180	3000
OH27100	100	27x36	100*	28	195	3150

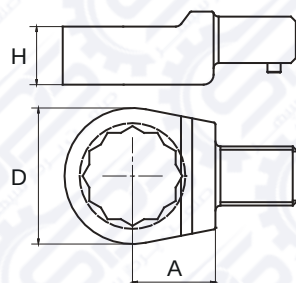
* marks are special fittings, you should adjust the torque according to torque wrench manual

Item No.	Opening Size	Shank Size mm	A mm	H mm	D mm	Weight g
OYH1450	1 9/16"	14x18	50*	14	84	430
OYH1452	1 5/8"	14x18	50*	14	90	430
OYH1454	1 11/16"	14x18	50*	14	90	430
OYH1456	1 3/4"	14x18	50*	14	100	595
OYH1458	1 13/16"	14x18	50*	14	100	595
OYH1460	1 7/8"	14x18	50*	14	100	610
OYH1462	1 30/32"	14x18	50*	14	100	610
OYH1464	2"	14x18	55*	14	106	600
OYH1468	2 1/8"	14x18	55*	14	116	585
OYH1470	2 3/16"	14x18	60*	14	121	650
OYH1472	2 1/4"	14x18	60*	14	121	650
OYH1476	2 3/8"	14x18	60*	14	121	650
OYH1488	2 3/4"	14x18	70*	14	135	700
OYH1492	2 7/8"	14x18	70*	14	138	710
OYH2420	5/8"	24x32	35	25	62	650
OYH2424	3/4"	24x32	35	25	65	680
OYH2428	7/8"	24x32	35	25	61	700
OYH2429	29/32"	24x32	35	25	61	700
OYH2430	30/32"	24x32	35	25	61	700
OYH2431	31/32"	24x32	35	25	61	700
OYH2432	1"	24x32	35	25	61	700
OYH2434	1 1/16"	24x32	35	25	66.5	710
OYH2436	1 1/8"	24x32	35	25	68	719
OYH2438	1 3/16"	24x32	35	25	68.5	720
OYH2440	1 1/4"	24x32	35	25	68	602
OYH2442	1 5/16"	24x32	40	25	73.5	685
OYH2444	1 3/8"	24x32	40	25	73.5	685
OYH2446	1 7/16"	24x32	40	25	73.5	685
OYH2448	1 1/2"	24x32	40	25	73.5	685
OYH2450	1 9/16"	24x32	40	25	73.5	685
OYH2452	1 5/8"	24x32	50*	25	86	902
OYH2454	1 11/16"	24x32	50*	25	92	1000
OYH2456	1 3/4"	24x32	50*	25	92	1000
OYH2460	1 5/8"	24x32	50*	25	103	1100
OYH2464	2"	24x32	50*	25	106	1150
OYH2470	2 3/16"	24x32	55*	25	104	1150
OYH2472	2 1/4"	24x32	55*	25	120	1200
OYH2742	1 5/16"	27x36	50*	25	86	1338
OYH2748	1 1/2"	27x36	50*	28	86	1338
OYH2752	1 5/8"	27x36	50*	28	92	1250
OYH2756	1 3/4"	27x36	50*	25	92	1250
OYH2758	1 13/16"	27x36	50*	28	98	1300
OYH2760	1 5/8"	27x36	50*	25	103	1350
OYH2770	2 3/16"	27x36	55*	25	124	1455
OYH2772	2 1/4"	27x36	55*	25	124	1455
OYH2776	2 3/8"	27x36	60*	28	130	1460
OYH2782	2 9/16"	27x36	65*	25	136	1465

* marks are special fittings, you should adjust the torque according to torque wrench manual

QH Series Square Drive Box End

For Rectangular Shank Head Torque Wrenches



QH Model

Metric

Item No.	Ring size mm	Shank Size mm	A mm	H mm	D mm	Weight g
QH94	4	9x12	17.5	6	22	40
QH95	5	9x12	17.5	6	22	40
QH96	6	9x12	17.5	8	22	43
QH97	7	9x12	17.5	8	22	43
QH98	8	9x12	17.5	8	22	42
QH99	9	9x12	17.5	9	22	45
QH910	10	9x12	17.5	9	22	48
QH911	11	9x12	17.5	9	22	47
QH912	12	9x12	17.5	12	26	54
QH913	13	9x12	17.5	12	26	54
QH914	14	9x12	17.5	12	26	52
QH915	15	9x12	17.5	12	26	54
QH916	16	9x12	17.5	13	30	56
QH917	17	9x12	17.5	13	30	55
QH918	18	9x12	17.5	13	30	58
QH919	19	9x12	17.5	13	35	57
QH920	20	9x12	17.5	13	35	68
QH921	21	9x12	17.5	13	35	68
QH922	22	9x12	17.5	13	35	73
QH923	23	9x12	17.5	13	36.5	75
QH924	24	9x12	25*	13	37	80
QH925	25	9x12	25*	13	40	80
QH926	26	9x12	25*	13	41	80
QH927	27	9x12	25*	13	42	80
QH928	28	9x12	25*	13	44	80
QH930	30	9x12	25*	13	46	85
QH932	32	9x12	25*	13	47.5	85
QH933	33	9x12	30*	13	48	86
QH934	34	9x12	30*	13	48	86
QH936	36	9x12	30*	13	50	90
QH938	38	9x12	30*	13	55	90
QH941	41	9x12	35*	13	58	90
QH942	42	9x12	35*	13	60	93
QH146	6	14x18	25	11	32	95
QH147	7	14x18	25	11	32	95
QH148	8	14x18	25	11	32	95

Item No.	Ring size mm	Shank Size mm	A mm	H mm	D mm	Weight g
QH149	9	14x18	25	11	32	95
QH1410	10	14x18	25	11	32	95
QH1411	11	14x18	25	11	32	115
QH1412	12	14x18	25	11	32	125
QH1413	13	14x18	25	11	32	135
QH1414	14	14x18	25	11	32	135
QH1415	15	14x18	25	11	32	130
QH1416	16	14x18	25	12	32	130
QH1417	17	14x18	25	12	32	130
QH1418	18	14x18	25	12	32	125
QH1419	19	14x18	25	12	32	125
QH1420	20	14x18	25	15	38.5	155
QH1421	21	14x18	25	15	38.5	155
QH1422	22	14x18	25	15	38.5	155
QH1423	23	14x18	25	15	38.5	155
QH1424	24	14x18	25	15	38.5	155
QH1425	25	14x18	25	15	39	160
QH1426	26	14x18	25	17.5	41	160
QH1427	27	14x18	30*	17.5	41.5	160
QH1428	28	14x18	30*	17.5	44	165
QH1429	29	14x18	30*	17.5	45	165
QH1430	30	14x18	30*	17.5	45	165
QH1431	31	14x18	30*	17.5	47.5	168
QH1432	32	14x18	30*	17.5	47.5	168
QH1433	33	14x18	30*	19	50	190
QH1434	34	14x18	30*	19	51	190
QH1435	35	14x18	30*	19	52	190
QH1436	36	14x18	30*	19	53	196
QH1437	37	14x18	35*	19	55	196
QH1438	38	14x18	35*	19	58	210
QH1440	40	14x18	35*	19	59.5	210
QH1441	41	14x18	35*	19	59.5	215
QH1442	42	14x18	35*	19	61	215
QH1445	45	14x18	40*	19	66	220
QH1446	46	14x18	40*	19	66	225
QH1447	47	14x18	40*	19	68.5	225

Item No.	Ring size mm	Shank Size mm	A mm	H mm	D mm	Weight g
QH1450	50	14x18	40*	19	70	230
QH1455	55	14x18	45*	19	76	250
QH1460	60	14x18	45*	19	84	255
QH1465	65	14x18	50*	19	90	265
QH1470	70	14x18	55*	19	96	270
QH1475	75	14x18	60*	19	100	285
QH1480	80	14x18	65*	19	108	310
QH2419	19	24x32	35	25	42	630
QH2420	20	24x32	35	25	46	630
QH2422	22	24x32	35	25	46	730
QH2424	24	24x32	35	25	48	880
QH2427	27	24x32	35	25	50	910
QH2428	28	24x32	35	25	52	910
QH2430	30	24x32	35	25	55	945
QH2432	32	24x32	35	25	57	961
QH2433	33	24x32	35	25	59	961
QH2434	34	24x32	35	25	61	977
QH2436	36	24x32	40*	25	62	1050
QH2437	37	24x32	40*	25	65	1060
QH2438	38	24x32	40*	25	65	1053
QH2440	40	24x32	45*	25	70	1056
QH2441	41	24x32	45*	25	73	1059
QH2442	42	24x32	45*	25	78	1059
QH2446	46	24x32	45*	25	82	1074
QH2448	46	24x32	45*	25	92	1300
QH2450	50	24x32	50*	25	95	1315

Item No.	Ring size mm	Shank Size mm	A mm	H mm	D mm	Weight g
QH2455	55	24x32	55*	25	102	1533
QH2460	60	24x32	60*	25	110	1642
QH2465	65	24x32	65*	25	116	1900
QH2470	70	24x32	65*	25	120	1950
QH2475	75	24x32	65*	25	120	1950
QH2485	85	24x32	80*	25	150	2500
QH2727	27	27x36	50	28	62	1190
QH2730	30	27x36	50	28	70	1190
QH2731	31	27x36	50	28	70	1213
QH2732	32	27x36	50	28	70	1213
QH2734	34	27x36	50	28	72	1235
QH2736	36	27x36	50	28	72	1225
QH2738	38	27x36	50	28	75	1263
QH2741	41	27x36	50	28	76	1265
QH2742	42	27x36	50	28	76	1265
QH2745	45	27x36	50	28	80	1270
QH2746	46	27x36	50	28	82	1270
QH2750	50	27x36	50	28	92	1603
QH2755	55	27x36	55*	28	104	1771
QH2760	60	27x36	60*	28	110	1874
QH2765	65	27x36	60*	28	118	2050
QH2770	70	27x36	65*	28	128	2322
QH2775	75	27x36	75*	28	138	2600
QH2780	80	27x36	80*	28	148	2900
QH2785	85	27x36	80*	28	150	2900

* marks are special fittings, you should adjust the torque according to torque wrench manual

QYH Model

English

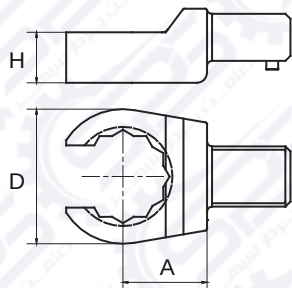
Item No.	Ring Size	Shank Size mm	A mm	H mm	D mm	Weight g
QYH98	1/4"	9x12	17.5	8	22	43
QYH910	5/16"	9x12	17.5	8	22	42
QYH912	3/8"	9x12	17.5	9	22	48
QYH914	7/16"	9x12	17.5	9	22	47
QYH916	1/2"	9x12	17.5	12	22	53
QYH918	9/16"	9x12	17.5	12	23	52
QYH920	5/8"	9x12	17.5	13	27	56
QYH922	1 1/16"	9x12	17.5	13	27.5	58
QYH924	3/4"	9x12	17.5	13	31	57
QYH926	13/16"	9x12	17.5	13	33	68
QYH928	7/8"	9x12	17.5	13	34.5	73
QYH942	15/8"	9x12	30*	13	48	100
QYH148	1/4"	9x12	25	11	32	110
QYH1412	3/8"	9x12	25	11	32	110
QYH1416	1/2"	14x18	25	11	32	125
QYH1418	9/16"	14x18	25	11	32	123
QYH1420	5/8"	14x18	25	12	32	128
QYH1422	1 1/16"	14x18	25	12	32	133
QYH1424	3/4"	14x18	25	12	32	138
QYH1426	13/16"	14x18	25	15	33	148
QYH1428	7/8"	14x18	25	15	35	154
QYH1430	15/16"	14x18	25	15	37.5	153
QYH1432	1"	14x18	25	15	39	160
QYH1434	1 1/16"	14x18	30*	17.5	41.5	160

Item No.	Ring Size	Shank Size mm	A mm	H mm	D mm	Weight g
QYH1436	1 1/8"	14x18	30*	17.5	44	165
QYH1440	1 1/4"	14x18	30*	17.5	47.5	168
QYH1444	1 3/8"	14x18	30*	19	51	170
QYH1446	1 7/16"	14x18	30*	19	53	196
QYH1452	1 3/8"	14x18	35*	19	61	190
QYH1458	1 13/16"	14x18	50*	19	70	225
QYH2430	15/16"	24x32	35	25	48	880
QYH2436	1 1/8"	24x32	35	25	52	945
QYH2440	1 1/4"	24x32	35	25	57	960
QYH2446	1 7/16"	24x32	40*	25	62	973
QYH2452	1 5/8"	24x32	45*	25	73	1254
QYH2458	1 13/16"	24x32	45*	25	82	1074
QYH2464	2"	24x32	50*	25	95	1315
QYH2470	2 3/16"	24x32	55*	25	102	1533
QYH2740	1 1/4"	24x32	50	28	70	1213
QYH2748	1 1/2"	27x36	50	28	75	1263
QYH2752	1 5/8"	27x36	50	28	76	1265
QYH2754	1 11/16"	27x36	50	28	76	1265
QYH2758	1 13/16"	27x36	50	28	82	1270
QYH2766	2 1/16"	27x36	55*	28	104	1603
QYH2770	2 3/16"	27x36	55*	28	104	1771
QYH2776	2 3/8"	27x36	60*	28	110	1874
QYH2782	2 9/16"	27x36	60*	28	118	2050

* marks are special fittings, you should adjust the torque according to torque wrench manual

QOH Series Square Drive Open Box End

For Rectangular Shank Head Torque Wrenches



QOH Model

Metric

Item No.	Ring Size mm	Opening Size mm	Shank Size mm	A mm	H mm	D mm	Weight g
QOH96	6	4.3	9x12	17.5	12	22	60
QOH97	7	5.3	9x12	17.5	12	22	60
QOH98	8	6	9x12	17.5	12	22	63
QOH99	9	6.5	9x12	17.5	12	22	63
QOH910	10	7.1	9x12	17.5	12	22	63
QOH911	11	8.6	9x12	17.5	12	22	62
QOH912	12	9	9x12	17.5	12	24	61
QOH913	13	10	9x12	17.5	12	25	63
QOH914	14	11	9x12	17.5	12	27	62
QOH915	15	12	9x12	17.5	13	28	69
QOH916	16	13	9x12	17.5	13	30	69
QOH917	17	14	9x12	17.5	13	31.5	68
QOH918	18	14.8	9x12	25*	13	33	77
QOH919	19	15.8	9x12	25*	13	34.5	82
QOH920	20	16	9x12	25*	13	35	92
QOH921	21	16.2	9x12	25*	13	37	92
QOH922	22	17	9x12	25*	13	37	95
QOH923	23	17.8	9x12	25*	13	38	97
QOH924	24	18	9x12	25*	13	39	97
QOH925	25	19	9x12	25*	13	41	100
QOH927	27	21	9x12	30*	13	44	105
QOH930	30	22	9x12	35*	13	48	115
QOH932	32	24	9x12	35*	13	51	120
QOH934	34	25	9x12	35*	13	54	120
QOH936	36	27	9x12	35*	13	58	122
QOH938	38	28	9x12	35*	13	58	122
QOH940	40	29.5	9x12	35*	13	62	125
QOH946	46	31	9x12	50*	13	71	150
QOH950	50	34	9x12	55*	13	77	165
QOH960	60	41	9x12	60*	13	91	180
QOH146	6	4.3	14x18	25	13	32	135
QOH148	10	6	14x18	25	13	32	135
QOH149	9	6.5	14x18	25	13	32	135
QOH1410	10	7.1	14x18	25	13	32	135
QOH1412	12	9	14x18	25	13	32	135
QOH1413	13	10	14x18	25	13	32	135
QOH1414	14	11	14x18	25	13	32	140
QOH1415	15	11.5	14x18	25	13	32	145
QOH1416	16	13	14x18	25	13	32	145
QOH1417	17	14	14x18	25	13	32	145
QOH1418	18	14.8	14x18	25	15	33	150
QOH1419	19	15.8	14x18	25	15	34.5	150
QOH1420	20	16	14x18	25	15	35.5	155
QOH1421	21	16.2	14x18	25	15	35.5	155
QOH1422	22	17	14x18	25	15	38	155
QOH1423	23	18	14x18	25	15	38.5	155

Item No.	Ring Size mm	Opening Size mm	Shank Size mm	A mm	H mm	D mm	Weight g
QOH1424	24	18.5	14x18	25	15	40	155
QOH1425	25	19	14x18	25	15	41	155
QOH1426	26	19.3	14x18	30*	15	42	155
QOH1427	27	20	14x18	30*	15	45	155
QOH1428	28	21	14x18	35*	18	48	155
QOH1429	29	21.5	14x18	35*	18	48	155
QOH1430	30	22	14x18	35*	18	48	155
QOH1431	31	23	14x18	35*	18	51	155
QOH1432	32	24	14x18	35*	18	52	155
QOH1433	33	24.3	14x18	35*	18	52	155
QOH1434	34	25	14x18	40*	19	55	160
QOH1435	35	26	14x18	40*	19	56	162
QOH1436	36	27	14x18	40*	19	58	165
QOH1438	38	28	14x18	45*	19	61	175
QOH1441	41	30	14x18	50*	19	65	180
QOH1442	42	30.8	14x18	50*	19	66	180
QOH1444	44	31	14x18	50*	19	71	190
QOH1446	46	31	14x18	50*	19	71	190
QOH1447	47	31.5	14x18	50*	19	73	190
QOH1450	50	34	14x18	55*	19	77	195
QOH1455	55	36	14x18	55*	19	84	200
QOH1460	60	41	14x18	60*	19	91	210
QOH1465	65	46	14x18	65*	19	98	220
QOH1470	70	50	14x18	70*	19	105	230
QOH1475	75	55	14x18	75*	19	113	250
QOH2418	18	14.8	24x32	35	25	46	615
QOH2419	19	15.8	24x32	35	25	46	627
QOH2421	21	16.2	24x32	35	25	60	700
QOH2424	24	18.5	24x32	35	25	60	705
QOH2427	27	20	24x32	35	25	63	710
QOH2430	30	22	24x32	35	25	67	755
QOH2432	32	24	24x32	35	25	69	755
QOH2434	34	25	24x32	40*	25	71	790
QOH2436	36	27	24x32	40*	25	73.5	830
QOH2438	38	28	24x32	45*	25	80	922
QOH2441	41	30	24x32	50*	25	83	980
QOH2446	46	32	24x32	50*	25	92	970
QOH2450	50	34	24x32	55*	25	98	1180
QOH2455	55	39	24x32	55*	25	106	1160
QOH2460	60	43	24x32	60*	25	114	1220
QOH2465	65	46	24x32	65*	25	122	1300
QOH2470	70	50	24x32	70*	25	128	1370
QOH2730	30	22	27x36	50	28	75	1250
QOH2732	32	24	27x36	50	28	75	1250
QOH2736	36	27	27x36	50	28	76	1350
QOH2746	46	31	27x36	55	28	92	1450

* marks are special fittings, you should adjust the torque according to torque wrench manual

QOYH Model

English

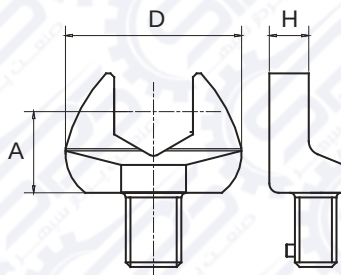
Item No.	Ring Size	Opening Size mm	Shank Size mm	A mm	H mm	D mm	Weight g
QOYH98	1/4"	6.35	9x12	17.5	8	22	55
QOYH910	5/16"	5.9	9x12	17.5	12	22	63
QOYH912	3/8"	6.8	9x12	17.5	12	22	63
QOYH914	7/16"	8.5	9x12	17.5	12	22	62
QOYH916	1/2"	9.8	9x12	17.5	12	25	63
QOYH918	9/16"	11.2	9x12	17.5	13	27	62
QOYH920	5/8"	13	9x12	17.5	13	30	69
QOYH1422	1 1/16"	14.4	14x18	25	15	33	150
QOYH1424	3/4"	15.9	14x18	25	15	34.5	150
QOYH1426	13/16"	15.9	14x18	25	16	35.5	155

Item No.	Ring Size	Opening Size mm	Shank Size mm	A mm	H mm	D mm	Weight g
QOYH1428	7/8"	17	14x18	25	16	37	155
QOYH1430	15/16"	18.3	14x18	25	16	40	155
QOYH1432	1"	19.3	14x18	25	16	41	155
QOYH1434	1 1/16"	20	14x18	30*	16	44	155
QOYH1436	1 1/8"	21.2	14x18	35*	16	48	155
QOYH1438	1 3/16"	22.1	14x18	35*	16	48	155
QOYH1440	1 1/4"	23.4	14x18	35*	16	51	155
QOYH1442	1 5/16"	24.5	14x18	35*	16	51	155
QOYH1452	1 5/8"	41.28	14x18	50*	16	65	180

* marks are special fittings, you should adjust the torque according to torque wrench manual

V-OH Series Square Drive V-Shaped Open End

For Rectangular Shank Head Torque Wrenches



V-OH Model

Metric

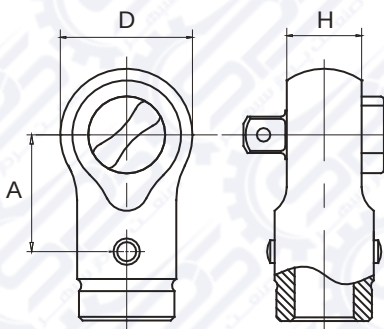
Item No.	Opening Size mm	Shank Size mm	A mm	H mm	D mm	Weight g
V-OH97	7	9x12	17.5	5	22	40
V-OH98	8	9x12	17.5	5	22	39
V-OH99	9	9x12	17.5	5.5	26	38
V-OH910	10	9x12	17.5	5.5	26	42
V-OH911	11	9x12	17.5	5.5	26	41
V-OH912	12	9x12	17.5	7	30	43
V-OH913	13	9x12	17.5	7	30	48
V-OH914	14	9x12	17.5	8	35	52
V-OH915	15	9x12	17.5	8	35	51
V-OH916	16	9x12	17.5	8.5	38	58
V-OH917	17	9x12	17.5	8.5	38	60
V-OH918	18	9x12	20*	9	42	71
V-OH919	19	9x12	20*	9	42	74
V-OH920	20	9x12	20*	9	42	76
V-OH921	21	9x12	22*	11	46	95
V-OH922	22	9x12	22*	11	46	95
V-OH924	24	9x12	25*	11	48	106
V-OH927	27	9x12	30*	13	58	235
V-OH932	32	9x12	40*	13	64	267
V-OH1413	13	14x18	25	7	30	128

Item No.	Opening Size mm	Shank Size mm	A mm	H mm	D mm	Weight g
V-OH1414	14	14x18	25	8	35	129
V-OH1415	15	14x18	25	8	35	132
V-OH1416	16	14x18	25	9	38	140
V-OH1417	17	14x18	25	9	38	136
V-OH1418	18	14x18	25	10	42	147
V-OH1419	19	14x18	25	10	42	145
V-OH1420	20	14x18	25	10	42	155
V-OH1421	21	14x18	25	11	50	171
V-OH1422	22	14x18	25	11	50	165
V-OH1424	24	14x18	25	12	53	167
V-OH1427	27	14x18	30*	13	60	219
V-OH1428	28	14x18	30*	13	60	222
V-OH1429	29	14x18	30*	13	60	222
V-OH1430	30	14x18	30*	14	66	245
V-OH1432	32	14x18	32.5*	14	66	246
V-OH1434	34	14x18	32.5*	14	66	239
V-OH1436	36	14x18	32.5*	14	66	275

* marks are special fittings, you should adjust the torque according to torque wrench manual

DR Series Round Hole Ratchet Head (Clockwise & Counter-Clockwise)

For Round Holder Head Torque Wrenches

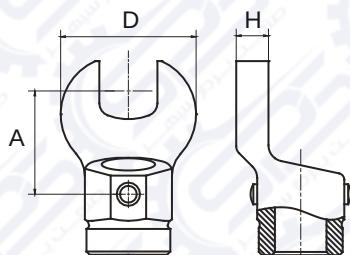


DR Model

Item No.	Square Drive	Round Hole mm	A mm	H mm	D mm	Weight g
DR12120	1/4"	φ 12	20.5	16.2	30	100
DR16125	1/4"	φ 16	31.8	21	38	150
DR162160	3/8"	φ 16	31.8	21	38	175
DR163420	1/2"	φ 16	31.8	21	40	280
DR2241200	3/4"	φ 22	56	32	60	1200
DR2251200	1"	φ 22	56	32	60	1300

OR Series Round Hole Open End

For Round Holder Head Torque Wrenches



OR Model

Metric



Item No.	Opening Size mm	Round Hole mm	A mm	H mm	D mm	Weight g
ORI25.5	5.5	φ 12	20.5	5	22	68
ORI26	6	φ 12	20.5	5	22	68
ORI27	7	φ 12	20.5	5	22	66
ORI28	8	φ 12	20.5	5	22	64
ORI29	9	φ 12	20.5	5	26	74
ORI210	10	φ 12	20.5	5	26	72
ORI211	11	φ 12	20.5	5	26	70
ORI212	12	φ 12	20.5	5	26	68
ORI213	13	φ 12	20.5	5	28	68
ORI214	14	φ 12	20.5	5	28	68
ORI219	19	φ 12	30.5	6	47	110
ORI67	7	φ 16	31.8	5.5	25.5	112
ORI68	8	φ 16	31.8	5.5	25.5	98
ORI69	9	φ 16	31.8	5.5	25.5	88
ORI610	10	φ 16	31.8	5.5	25.5	80
ORI611	11	φ 16	31.8	8	35	130
ORI612	12	φ 16	31.8	8	35	125
ORI613	13	φ 16	31.8	8	35	120
ORI614	14	φ 16	31.8	8	35	115
ORI615	15	φ 16	31.8	9	38	135
ORI616	16	φ 16	31.8	9	38	130
ORI617	17	φ 16	31.8	9	38	130
ORI618	18	φ 16	31.8	10	42	140
ORI619	19	φ 16	31.8	10	42	145
ORI620	20	φ 16	31.8	13	51.5	215
ORI621	21	φ 16	31.8	13	51.5	210
ORI622	22	φ 16	31.8	13	51.5	210
ORI623	23	φ 16	31.8	13	51.5	205
ORI624	24	φ 16	31.8	13	51.5	200
ORI625	25	φ 16	31.8	13	57.5	250
ORI626	26	φ 16	31.8	13	57.5	240
ORI627	27	φ 16	31.8	13	57.5	230
ORI628	28	φ 16	31.8	13	57.5	220
ORI629	29	φ 16	31.8	13	65.5	290
ORI630	30	φ 16	31.8	13	65.5	290
ORI631	31	φ 16	31.8	13	65.5	288
ORI632	32	φ 16	31.8	13	65.5	288
ORI633	33	φ 16	41.8*	13	75	340
ORI634	34	φ 16	41.8*	13	78	360
ORI635	35	φ 16	41.8*	13	80	360
ORI636	36	φ 16	41.8*	13	80	385
ORI638	38	φ 16	41.8*	13	85	420

Item No.	Opening Size mm	Round Hole mm	A mm	H mm	D mm	Weight g
ORI639	39	φ 16	41.8*	13	85	420
ORI641	41	φ 16	51.8*	13	95	320
ORI642	42	φ 16	51.8*	13	95	330
ORI643	43	φ 16	51.8*	13	95	330
ORI644	44	φ 16	51.8*	13	95	345
ORI645	45	φ 16	51.8*	13	95	345
ORI646	46	φ 16	51.8*	13	95	345
ORI647	47	φ 16	51.8*	13	95	345
ORI648	48	φ 16	51.8*	13	95	345
ORI650	50	φ 16	51.8*	13	95	345
ORI653	53	φ 16	56.8*	13	116	690
ORI655	55	φ 16	56.8*	13	116	690
ORI656	56	φ 16	56.8*	13	116	690
ORI660	60	φ 16	61.8	13	121	700
ORI665	65	φ 16	61.8	13	126	710
ORI675	75	φ 16	75	15	142.5	750
OR2217	17	φ 22	56	25	65	810
OR2218	18	φ 22	56	25	65	810
OR2219	19	φ 22	56	25	65	810
OR2222	22	φ 22	56	25	68	845
OR2223	23	φ 22	56	25	70	845
OR2224	24	φ 22	56	25	70	845
OR2225	25	φ 22	56	25	70	845
OR2227	27	φ 22	56	25	72	850
OR2228	28	φ 22	56	25	72	850
OR2229	29	φ 22	56	25	75	850
OR2230	30	φ 22	56	25	75	850
OR2232	32	φ 22	56	25	76	855
OR2234	34	φ 22	56	25	78	865
OR2235	35	φ 22	56	25	80	865
OR2236	36	φ 22	56	25	80	865
OR2238	38	φ 22	56	25	90	1000
OR2241	41	φ 22	56	25	95	1050
OR2246	46	φ 22	56	25	100	1130
OR2250	50	φ 22	56	25	106	1280
OR2255	55	φ 22	65*	25	119	1430
OR2256	56	φ 22	65*	25	119	1430
OR2260	60	φ 22	65*	25	130	1460
OR2265	65	φ 22	65*	25	136	1500
OR2275	75	φ 22	75*	25	142	1520

* marks are special fittings, you should adjust the torque according to torque wrench manual

OYR Model

English

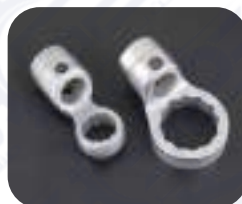
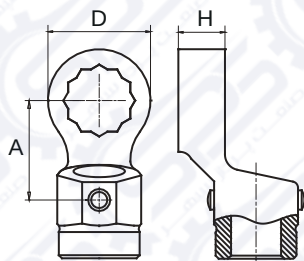
Item No.	Opening Size	Round Hole mm	A mm	H mm	D mm	Weight g
OYR1216	1/2"	φ 12	20.5	5	28	68
OYR168	1/4"	φ 16	31.8	5	22	80
OYR1610	5/16"	φ 16	31.8	5.5	24	98
OYR1612	3/8"	φ 16	31.8	5.5	28	80
OYR1614	7/16"	φ 16	31.8	8	30	130
OYR1616	1/2"	φ 16	31.8	8	32	120
OYR1618	9/16"	φ 16	31.8	8	35	115
OYR1620	5/8"	φ 16	31.8	9	38	130
OYR1622	1 1/16"	φ 16	31.8	9	38	130
OYR1624	3/4"	φ 16	31.8	10	42	145
OYR1626	13/16"	φ 16	31.8	13	50	175
OYR1628	7/8"	φ 16	31.8	13	50	175
OYR1630	15/16"	φ 16	31.8	13	53	180
OYR1632	1"	φ 16	31.8	13	53	180
OYR1634	1 1/16"	φ 16	31.8	13	64	215

Item No.	Opening Size	Round Hole mm	A mm	H mm	D mm	Weight g
OYR1636	1 1/8"	φ 16	31.8	13	68	220
OYR1638	1 3/16"	φ 16	31.8	13	70	225
OYR1640	1 1/4"	φ 16	31.8	13	70	225
OYR1642	21/16"	φ 16	41.8*	13	75	240
OYR1646	1 7/16"	φ 16	41.8*	13	80	290
OYR1648	1 1/2"	φ 16	41.8*	13	85	310
OYR1652	1 5/8"	φ 16	51.8*	13	90	320
OYR1656	1 3/4"	φ 16	51.8*	13	98	330
OYR1664	2"	φ 16	51.8*	13	95	345
OYR2246	1 7/16"	φ 22	56	25	80	1000
OYR2248	1 1/2"	φ 22	56	25	80	1000
OYR2252	1 5/8"	φ 22	56	25	95	1050
OYR2256	1 3/4"	φ 22	56	25	100	1100
OYR2264	2"	φ 22	56	25	106	1150

* marks are special fittings, you should adjust the torque according to torque wrench manual

QR Series Round Hole Box End

For Round Holder Head Torque Wrenches



QR Model

Metric

Item No.	Ring Size mm	Round Hole mm	A mm	H mm	D mm	Weight g
QRI26	6	φ 12	20.5	5	13	67
QRI27	7	φ 12	20.5	5	13	65
QRI28	8	φ 12	20.5	5	13	63
QRI29	9	φ 12	20.5	5	14.5	63
QRI210	10	φ 12	20.5	5	16	63
QRI211	11	φ 12	20.5	5	17.5	63
QRI212	12	φ 12	20.5	5	19	63
QRI67	7	φ 16	31.8	8	13	70
QRI68	8	φ 16	31.8	8	14	74
QRI69	9	φ 16	31.8	9	16	78
QRI610	10	φ 16	31.8	11	16	82
QRI611	11	φ 16	31.8	11	18.5	87
QRI612	12	φ 16	31.8	11	21.5	93
QRI613	13	φ 16	31.8	11	21.5	100
QRI614	14	φ 16	31.8	11	23	105
QRI615	15	φ 16	31.8	11	24	111
QRI616	16	φ 16	31.8	12	26	118
QRI617	17	φ 16	31.8	12	27	125
QRI618	18	φ 16	31.8	12	28.5	132
QRI619	19	φ 16	31.8	12	30.5	140
QRI620	20	φ 16	31.8	15	33	150
QRI621	21	φ 16	31.8	15	33	155
QRI622	22	φ 16	31.8	15	34.5	155
QRI623	23	φ 16	31.8	15	36	155
QRI624	24	φ 16	31.8	15	37.5	160
QRI625	25	φ 16	31.8	15	40	165
QRI626	26	φ 16	31.8	16	41.5	175
QRI627	27	φ 16	31.8	16	41.5	175
QRI628	28	φ 16	31.8	16	45	185
QRI629	29	φ 16	31.8	16	45	185
QRI630	30	φ 16	31.8	16	45	185
QRI631	31	φ 16	31.8	16	47.5	185
QRI632	32	φ 16	31.8	16	47.5	185
QRI636	36	φ 16	41.8	16	55	215
QRI638	38	φ 16	41.8	16	60	230
QRI641	41	φ 16	41.8	18	65	245
QRI642	42	φ 16	41.8	18	65	245
QRI646	46	φ 16	51.8	18	68	250
QRI650	50	φ 16	51.8	18	78	280
QRI655	55	φ 16	51.8	18	86	300
QR2222	22	φ 22	56	25	62	900
QR2224	24	φ 22	56	25	65	1000
QR2227	27	φ 22	56	25	68	1050
QR2228	28	φ 22	56	25	68	1050
QR2230	30	φ 22	56	25	72	1100
QR2231	31	φ 22	56	25	74	1100
QR2232	32	φ 22	56	25	74	1100

Item No.	Ring Size mm	Round Hole mm	A mm	H mm	D mm	Weight g
QR2233	33	φ 22	56	25	74	1100
QR2234	34	φ 22	56	25	76	1150
QR2236	36	φ 22	56	25	80	1150
QR2241	41	φ 22	56	25	80	1200
QR2246	46	φ 22	56	25	84	1250
QR2250	50	φ 22	56	25	84	1250
QR2255	55	φ 22	56	25	90	1300
QR2260	60	φ 22	61	25	94	1350
QR2265	65	φ 22	65	25	100	1400

QYR Model

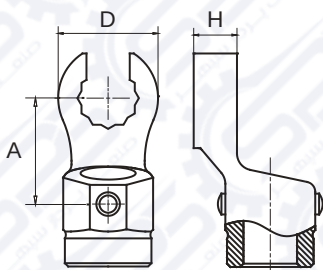
English

Item No.	Ring Size	Round Hole mm	A mm	H mm	D mm	Weight g
QYR168	1/4"	φ 16	31.8	8	13	70
QYR1610	5/16"	φ 16	31.8	8	14.2	77
QYR1612	3/8"	φ 16	31.8	8	17	92
QYR1614	7/16"	φ 16	31.8	10	18.5	98
QYR1616	1/2"	φ 16	31.8	11	22	100
QYR1618	9/16"	φ 16	31.8	11	23	105
QYR1620	5/8"	φ 16	31.8	12	26	118
QYR1622	11/16"	φ 16	31.8	12	28.5	118
QYR1624	3/4"	φ 16	31.8	12	30.5	140
QYR1626	13/16"	φ 16	31.8	15	33	150
QYR1628	7/8"	φ 16	31.8	15	34.5	155
QYR1630	15/16"	φ 16	31.8	15	37.5	160
QYR1632	1"	φ 16	31.8	16	41.5	165
QYR1634	1 1/16"	φ 16	31.8	16	41.5	175
QYR1636	1 1/8"	φ 16	31.8	16	45	185
QYR1640	1 1/4"	φ 16	31.8	16	47.5	185
QYR1642	1 5/16"	φ 16	41.8*	16	51	200
QYR1646	1 7/16"	φ 16	41.8*	16	55	210
QYR1648	1 1/2"	φ 16	41.8*	16	58	220
QYR1652	1 5/8"	φ 16	51.8*	18	65	235
QYR1656	1 3/4"	φ 16	51.8*	18	68	245
QYR1660	1 7/8"	φ 16	51.8*	18	72	258
QYR1662	1 15/16"	φ 16	51.8*	18	74	260
QYR1664	2"	φ 16	51.8*	18	75	260
QYR2216	1/2"	φ 22	56	25	30	480
QYR2224	3/4"	φ 22	56	25	50	800
QYR2246	1 7/16"	φ 22	56	25	76	1150
QYR2248	1 1/2"	φ 22	56	25	80	1180
QYR2252	1 5/8"	φ 22	56	25	82	1200
QYR2256	1 3/4"	φ 22	56	25	84	1250
QYR2258	1 13/16"	φ 22	56	25	84	1250
QYR2264	2"	φ 22	56	25	84	1300

* marks are special fittings, you should adjust the torque according to torque wrench manual

QOR Series Round Hole Open Box End

For Round Holder Head Torque Wrenches



QOR Model

Metric

Item No.	Ring Size mm	Opening Size mm	Round Hole mm	A mm	H mm	D mm	Weight g
QORI26	6	4.5	φ 12	20.5	5	17	76
QORI27	7	5	φ 12	20.5	5	17	74
QORI28	8	6	φ 12	20.5	5	17	72
QORI29	9	6.5	φ 12	20.5	5	18.5	72
QORI210	10	7.1	φ 12	20.5	5	20	72
QORI211	11	8.6	φ 12	20.5	5	21.5	72
QORI212	12	9	φ 12	20.5	5	23	72
QORI67	7	5	φ 16	31.8	9	16	85
QORI68	8	6	φ 16	31.8	9	18	88
QORI69	9	6.5	φ 16	31.8	10	20	92
QORI610	10	7.1	φ 16	31.8	12	22	97
QORI611	11	8.6	φ 16	31.8	12	22	102
QORI612	12	9	φ 16	31.8	12	24	107
QORI613	13	10	φ 16	31.8	12	25	112
QORI614	14	11	φ 16	31.8	13	27	118
QORI615	15	11.5	φ 16	31.8	13	29	125
QORI616	16	13	φ 16	31.8	13	30	130
QORI617	17	14	φ 16	31.8	13	31.5	137
QORI618	18	14.8	φ 16	31.8	13	33	143
QORI619	19	15.8	φ 16	31.8	13	34.5	150
QORI620	20	16	φ 16	31.8	16	35.5	170
QORI621	21	16.2	φ 16	31.8	16	35.5	170
QORI622	22	17	φ 16	31.8	16	37	170
QORI623	23	18	φ 16	31.8	16	38.5	170
QORI624	24	18.5	φ 16	31.8	16	40	170
QORI625	25	19	φ 16	31.8	16	41	170
QORI626	26	19.3	φ 16	31.8	16	42	170
QORI627	27	20	φ 16	31.8	16	44	170
QORI628	28	21	φ 16	31.8	16	48	170
QORI629	29	21.5	φ 16	31.8	16	48	170
QORI630	30	22	φ 16	31.8	16	48	170
QORI631	31	23	φ 16	31.8	16	51	170
QORI632	32	24	φ 16	31.8	16	51	170
QORI636	36	27	φ 16	41.8	16	65	200
QORI641	41	30	φ 16	51.8	18	75	220
QORI646	46	31	φ 16	51.8	18	82	235
QORI650	50	34	φ 16	51.8	18	90	255
QORI660	60	41	φ 16	61.8	18	91	260
QOR2250	50	34	φ 22	56	25	98	1300
QOR2260	60	41	φ 22	65	25	100	1350

QOYR Model

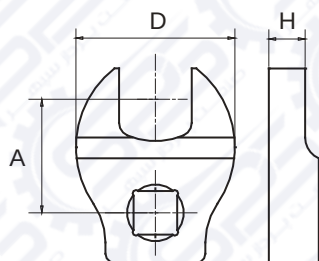
English

Item No.	Ring Size	Opening Size mm	Round Hole mm	A mm	H mm	D mm	Weight g
QOYR1608	1/4"	4.5	φ 16	31.8	9	16	85
QOYR1616	1/2"	9.8	φ 16	31.8	12	25	112
QOYR1618	9/16"	11.2	φ 16	31.8	13	29	125
QOYR1620	5/8"	13	φ 16	31.8	13	30	130
QOYR1622	11/16"	14.4	φ 16	31.8	13	33	143
QOYR1624	3/4"	15.9	φ 16	31.8	13	34.5	150
QOYR1626	13/16"	16	φ 16	31.8	16	35.5	170
QOYR1628	7/8"	17	φ 16	31.8	16	37	170
QOYR1630	15/16"	18.3	φ 16	31.8	16	40	170
QOYR1632	1"	19.3	φ 16	31.8	16	42	170
QOYR1634	1 1/16"	20	φ 16	31.8	16	45	170
QOYR1636	1 1/8"	21.2	φ 16	31.8	16	45	170
QOYR1640	1 1/4"	23.4	φ 16	31.8	16	51	170
QOYR1646	1 7/16"	27.1	φ 16	41.8*	16	65	200
QOYR1648	1 1/2"	28	φ 16	41.8*	16	70	210
QOYR1652	1 5/8"	30.6	φ 16	51.8*	18	75	220
QOYR1656	1 3/4"	31	φ 16	51.8*	18	82	235
QOYR1664	2"	34	φ 16	51.8*	18	90	255
QOYR2246	1 7/16"	27	φ 22	56	25	73.5	1150
QOYR2248	1 1/2"	28	φ 22	56	25	73.5	1180
QOYR2252	1 5/8"	30	φ 22	56	25	83	1200
QOYR2256	1 3/4"	31	φ 22	56	25	84	1250
QOYR2264	2"	34	φ 22	56	25	98	1300

* marks are special fittings, you should adjust the torque according to torque wrench manual

OD Series Square Hole Crowfoot Wrench

For Ratchet Head Torque Wrenches



OD Model

Metric

Item No.	Opening Size mm	Square Hole	A mm	H mm	D mm	Weight g
OD16	6	1/4"	17.5	5	16	25
OD17	7	1/4"	17.5	5	22	32
OD18	8	1/4"	17.5	5	22	32
OD19	9	1/4"	17.5	5	24	33
OD110	10	1/4"	17.5	5	26	36
OD112	12	1/4"	17.5	5	28.7	36
OD113	13	1/4"	17.5	5	28.7	37.5
OD114	14	1/4"	17.5	5	28.7	37.5
OD115	15	1/4"	17.5	5	30	39
OD116	16	1/4"	22.5	5	32	41.5
OD117	17	1/4"	22.5	5	32.2	44.5
OD119	19	1/4"	22.5	5	35.5	47
OD122	22	1/4"	22.5	5	40.5	51
OD28	8	3/8"	25	5	22	42.5
OD29	9	3/8"	25	5	26	46
OD210	10	3/8"	25	5.5	26	48
OD211	11	3/8"	25	5.5	26	48
OD212	12	3/8"	25	7	30	60
OD213	13	3/8"	25	7	32	63
OD214	14	3/8"	25	8	33	64
OD215	15	3/8"	25	8	35	70
OD216	16	3/8"	25	8	35	70
OD217	17	3/8"	25	8	35	70
OD218	18	3/8"	30	8	38	89
OD219	19	3/8"	30	8	42	89
OD220	20	3/8"	30	8	44	91
OD221	21	3/8"	30	8	46	94
OD222	22	3/8"	30	8	48	96
OD223	23	3/8"	30	8	52	101
OD224	24	3/8"	30	8	52	101
OD225	25	3/8"	30	8	52	101
OD226	26	3/8"	30	8	55	100
OD227	27	3/8"	30	8	55	100
OD228	28	3/8"	35	8	56	115
OD230	30	3/8"	40	8	58	118
OD232	32	3/8"	40	8	58	118
OD234	34	3/8"	45	8	65	135
OD236	36	3/8"	45	8	70	145
OD240	40	3/8"	45	8	80	150
OD241	41	3/8"	45	8	80	150
OD242	42	3/8"	50	8	85	165
OD246	46	3/8"	50	8	90	165
OD250	50	3/8"	55	8	100	175
OD38	8	1/2"	35	8	33	68



Item No.	Opening Size mm	Square Hole	A mm	H mm	D mm	Weight g
OD310	10	1/2"	35	8	33	68
OD311	11	1/2"	35	8	33	68
OD312	12	1/2"	35	8	33	68
OD313	13	1/2"	35	8	33	68
OD314	14	1/2"	35	8	33	68
OD315	15	1/2"	35	9	35	77
OD316	16	1/2"	35	9	35	77
OD317	17	1/2"	35	9	35	77
OD318	18	1/2"	35	10	39	85
OD319	19	1/2"	35	10	39	85
OD320	20	1/2"	40	10	40	92
OD321	21	1/2"	40	10	42	95
OD322	22	1/2"	40	10	43	96
OD323	23	1/2"	40	10	45	96
OD324	24	1/2"	40	10	48	98
OD325	25	1/2"	40	14	50	105
OD326	26	1/2"	45	14	51	110
OD327	27	1/2"	45	14	51	110
OD328	28	1/2"	45	14	53	110
OD329	29	1/2"	45	14	56.5	111
OD330	30	1/2"	45	14	57	112
OD331	31	1/2"	45	14	60	114
OD332	32	1/2"	45	14	60	114
OD333	33	1/2"	45	14	61.94	115
OD334	34	1/2"	51	14	64	116
OD336	36	1/2"	51	14	70	118
OD338	38	1/2"	51	14	72	120
OD341	41	1/2"	51	14	82	122
OD342	42	1/2"	51	14	82	122
OD343	43	1/2"	51	14	85	125
OD346	46	1/2"	56	14	89	125
OD348	48	1/2"	56	14	94	134
OD350	50	1/2"	56	14	96	135
OD352	52	1/2"	56	14	100	145
OD354	54	1/2"	56	14	100	145
OD355	55	1/2"	55	14	100	145
OD362	62	1/2"	65	14	110	150
OD375	75	1/2"	70	14	124.5	160
OD411	11	3/4"	35	14	50	350
OD417	17	3/4"	35	20	62.5	431
OD421	21	3/4"	35	20	66	470
OD422	22	3/4"	35	20	70	500
OD424	24	3/4"	35	20	70	513
OD429	29	3/4"	45	20	72	609
OD430	30	3/4"	45	20	72	609
OD432	32	3/4"	45	20	72	609

Item No.	Opening Size mm	Square Hole	A mm	H mm	D mm	Weight g
OD436	36	3/4"	45	20	80	704
OD441	41	3/4"	51	20	88	846
OD450	50	3/4"	55	20	95	994
OD455	55	3/4"	60	20	102	1000
OD524	24	1"	60	28	85	1267
OD527	27	1"	60	28	85	1278
OD530	30	1"	60	28	87	1326
OD532	32	1"	60	28	90	1390
OD534	34	1"	60	28	90	1390

OYD Model

English

Item No.	Openings Size	Square Hole	A mm	H mm	D mm	Weight g
OYD18	1/4"	1/4"	17.5	5	21.5	32
OYD19	9/32"	1/4"	17.5	5	22	33.5
OYD110	5/16"	1/4"	17.5	5	23.5	35.5
OYD111	11/32"	1/4"	17.5	5	24	37.5
OYD112	3/8"	1/4"	17.5	5	26	41
OYD118	9/16"	1/4"	17.5	5	30.1	45
OYD28	1/4"	3/8"	25	5	22	50
OYD210	5/16"	3/8"	25	5	22	50
OYD211	11/32"	3/8"	25	5	26.3	50
OYD212	3/8"	3/8"	25	5	26	55
OYD214	7/16"	3/8"	25	5.5	26	61
OYD216	1/2"	3/8"	25	7	32	97
OYD218	9/16"	3/8"	25	8	35	123
OYD220	5/8"	3/8"	25	8	35	125
OYD222	11/16"	3/8"	25	8	35	126
OYD224	3/4"	3/8"	30	8	42	172
OYD226	13/16"	3/8"	30	8	45	188
OYD228	7/8"	3/8"	30	8	48	202
OYD230	15/16"	3/8"	30	8	52	223
OYD232	1"	3/8"	30	8	52	101
OYD234	1 1/16"	3/8"	30	8	55	100
OYD236	1 1/8"	3/8"	35	8	60	293
OYD238	1 3/16"	3/8"	40	8	60	293
OYD240	1 1/4"	3/8"	40	8	60	293
OYD242	1 5/16"	3/8"	40	8	65	317
OYD244	1 1/8"	3/8"	40	8	67.8	373
OYD246	1 7/16"	3/8"	45	8	70	383
OYD248	1 1/2"	3/8"	45	8	80	435
OYD250	1 9/16"	3/8"	45	8	80	435
OYD252	1 5/8"	3/8"	45	8	80	435
OYD254	1 11/16"	3/8"	50	8	85	465
OYD256	1 3/4"	3/8"	50	8	90	495
OYD258	1 13/16"	3/8"	50	8	90	500
OYD260	1 7/8"	3/8"	55	8	100	550
OYD262	1 15/16"	3/8"	55	8	100	500
OYD264	2"	3/8"	55	8	100	550
OYD266	2 1/16"	3/8"	55	8	100	550
OYD268	2 1/8"	3/8"	55	8	100	550
OYD270	2 1/3"	3/8"	35	8	100	135
OYD272	2 1/4"	3/8"	60*	8	110	605
OYD274	2 5/16"	3/8"	60*	8	110	605
OYD276	2 3/8"	3/8"	60*	8	110	605
OYD278	2 7/16"	3/8"	60*	8	110	605

Item No.	Opening Size mm	Square Hole	A mm	H mm	D mm	Weight g
OD536	36	1"	60	28	93	1412
OD541	41	1"	60	28	100	1575
OD546	46	1"	60	28	100	1616
OD550	50	1"	65	28	110	1902
OD555	55	1"	65	28	120	2112
OD560	60	1"	65	28	130	2296
OD565	65	1"	70	28	136	2591
OD572	72	1"	75	28	149	2650

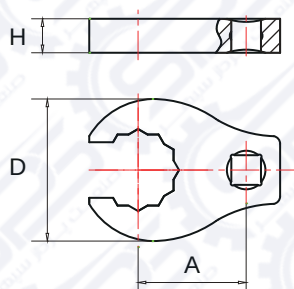
* marks are special fittings, you should adjust the torque according to torque wrench manual

Item No.	Openings Size	Square Hole	A mm	H mm	D mm	Weight g
OYD280	2 1/2"	3/8"	65*	8	117	645
OYD282	2 9/16"	3/8"	65*	8	117	645
OYD284	2 5/8"	3/8"	65*	8	117	645
OYD288	2 3/4"	3/8"	65*	8	117	645
OYD292	2 7/8"	3/8"	65*	8	117	645
OYD314	7/16"	1/2"	35	8	31.5	144
OYD316	1/2"	1/2"	35	9	31.5	164
OYD318	9/16"	1/2"	35	8	33	155
OYD320	5/8"	1/2"	35	9	35	160
OYD322	11/16"	1/2"	35	9	35	189
OYD324	3/4"	1/2"	35	9	39	210
OYD326	13/16"	1/2"	40	10	42	220
OYD328	7/8"	1/2"	40	10	43	290
OYD330	15/16"	1/2"	40	10	48	325
OYD332	1"	1/2"	40	14	52	550
OYD334	1 1/16"	1/2"	45	14	51	593
OYD336	1 1/8"	1/2"	40	14	60	593
OYD338	1 3/16"	1/2"	45	14	60	665
OYD340	1 1/4"	1/2"	45	14	60	665
OYD342	1 5/16"	1/2"	50	14	64	750
OYD344	1 3/8"	1/2"	51	14	72	750
OYD346	2 3/16"	1/2"	50	14	80	945
OYD348	1 1/2"	1/2"	51	14	72	1000
OYD350	1 9/16"	1/2"	51	14	80	1000
OYD352	1 5/8"	1/2"	51	14	82	1000
OYD354	1 11/16"	1/2"	56	14	89	1000
OYD356	1 3/4"	1/2"	56	14	89	1110
OYD358	1 13/16"	1/2"	56	14	89	1110
OYD360	1 7/8"	1/2"	56	14	94	1175
OYD364	2"	1/2"	56	14	94	1175
OYD368	2 1/8"	1/2"	60	14	110	1475
OYD370	2 3/16"	1/2"	60	14	115	1475
OYD372	2 1/4"	1/2"	60	14	115	1475
OYD376	2 3/8"	1/2"	60	14	118	1475
OYD426	13/16"	3/4"	45	20	66	1072
OYD428	7/8"	3/4"	45	20	68	1111
OYD430	15/16"	3/4"	45	20	70	1174
OYD434	17/16"	3/4"	45	20	72	1206
OYD444	1 3/8"	3/4"	45	20	77.1	1250
OYD446	2 3/16"	3/4"	45	20	80	1407
OYD456	1 3/4"	3/4"	55	20	95	1450
OYD492	2 7/8"	3/4"	75	20	132	1500

* marks are special fittings, you should adjust the torque according to torque wrench manual

QOD Series Square Hole Open Box End

For Ratchet Head Torque Wrenches



QOD Model

Metric

Item No.	Ring Size mm	Square Hole	A mm	H mm	D mm	Weight g
QOD17	7	1/4"	17.5	8	22	48
QOD18	8	1/4"	17.5	8	22	48
QOD19	9	1/4"	17.5	8	24	52.5
QOD110	10	1/4"	17.5	8	26	54
QOD111	11	1/4"	17.5	8	28.7	56
QOD112	12	1/4"	17.5	8	28.7	56
QOD113	13	1/4"	17.5	8	28.7	56
QOD114	14	1/4"	17.5	8	33	67.5
QOD119	19	1/4"	20	8	35.5	75
QOD27	7	3/8"	25	8	22	42
QOD28	8	3/8"	25	8	22	42.5
QOD29	9	3/8"	25	8	22	46
QOD210	10	3/8"	25	8	22	50
QOD211	11	3/8"	25	8	26	50
QOD213	13	3/8"	30	8	32	60
QOD214	14	3/8"	30	8	33	60
QOD215	15	3/8"	30	8	36	90
QOD216	16	3/8"	30	8	36	90
QOD217	17	3/8"	30	11	42	130
QOD218	18	3/8"	30	11	42	130
QOD219	19	3/8"	30	11	42	130
QOD220	20	3/8"	35	11	44.6	132
QOD221	21	3/8"	35	11	45.9	132
QOD222	22	3/8"	35	11	45.9	135
QOD223	23	3/8"	35	11	46	135
QOD224	24	3/8"	35	11	46	135
QOD225	25	3/8"	35	11	48.5	145
QOD226	26	3/8"	35	11	52	155
QOD227	27	3/8"	35	11	52	155

Item No.	Ring Size mm	Square Hole	A mm	H mm	D mm	Weight g
QOD314	14	1/2"	35	14	33	158
QOD317	17	1/2"	35	14	35	160
QOD320	20	1/2"	40	14	42	165
QOD321	21	1/2"	40	14	42	165
QOD322	22	1/2"	40	14	43	170
QOD324	24	1/2"	40	14	48	175
QOD328	28	1/2"	40	14	60	265
QOD330	30	1/2"	40	14	60	265
QOD332	32	1/2"	40	14	67	295
QOD334	34	1/2"	45	14	70	305
QOD336	36	1/2"	45	14	70	305
QOD338	38	1/2"	50	14	70	305
QOD340	40	1/2"	50	14	76	315
QOD341	41	1/2"	50	14	76	315
QOD342	42	1/2"	50	14	76	315
QOD346	46	1/2"	50	14	76	315
QOD350	50	1/2"	50	14	86	330
QOD446	46	3/4"	55	23	95	330
QOD450	50	3/4"	55	23	98	345
QOD455	55	3/4"	60	23	106	360
QOD460	60	3/4"	65	23	114	375
QOD465	65	3/4"	68	23	122	380
QOD470	70	3/4"	70	23	128	385
QOD475	75	3/4"	72	23	135	390
QOD480	80	3/4"	75	23	142	395
QOD490	90	3/4"	80	23	154	400
QOD495	95	3/4"	85	23	160	425
QOD532	32	1"	55	28	60.5	320
QOD536	36	1"	55	28	65.2	330

QOYD Model

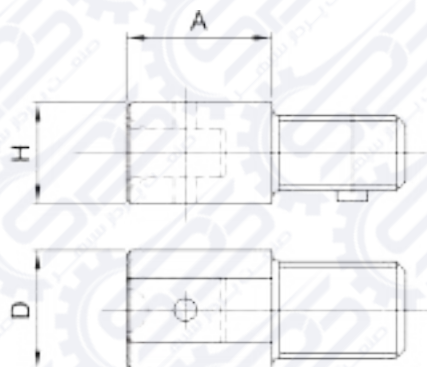
English

Item No.	Ring Size	Square Hole	A mm	H mm	D mm	Weight g
QOYD112	3/8"	1/4"	17.5	8	24	52.5
QOYD114	7/16"	1/4"	17.5	8	28.7	56
QOYD116	1/2"	1/4"	17.5	8	28.7	56
QOYD118	9/16"	1/4"	17.5	8	28.7	56
QOYD212	3/8"	3/8"	25	8	22	42
QOYD214	7/16"	3/8"	25	8	26	70
QOYD216	1/2"	3/8"	25	8	30	68.5
QOYD218	9/16"	3/8"	30	8	34	84
QOYD220	5/8"	3/8"	30	8	36	90
QOYD222	11/16"	3/8"	30	11	42	130
QOYD224	3/4"	3/8"	30	11	42	130
QOYD226	13/16"	3/8"	35	11	44.6	130
QOYD228	7/8"	3/8"	35	11	45.9	135
QOYD230	15/16"	3/8"	35	11	46	135
QOYD232	1"	3/8"	35	11	48.5	145
QOYD234	1 1/16"	3/8"	35	11	52	155
QOYD236	1 1/8"	3/8"	35	11	56	166
QOYD238	1 3/16"	3/8"	35	11	56	155
QOYD240	1 1/4"	3/8"	35	11	60	175
QOYD242	1 5/16"	3/8"	35	11	62	200
QOYD244	1 3/8"	3/8"	40	11	67.75	512
QOYD246	1 7/16"	3/8"	40	11	70	217.5
QOYD248	1 1/2"	3/8"	45	11	80	225
QOYD250	1 9/16"	3/8"	45	11	80	225
QOYD252	1 5/8"	3/8"	45	11	80	225
QOYD254	1 11/16"	3/8"	50	11	85	247

Item No.	Opening Size	Square Hole	A mm	H mm	D mm	Weight g
QOYD256	1 3/4"	3/8"	50	11	85	247
QOYD258	1 13/16"	3/8"	50	11	85	247
QOYD260	1 7/8"	3/8"	55	11	91	265
QOYD262	1 15/16"	3/8"	55	11	91	265
QOYD264	2"	3/8"	55	11	91	265
QOYD268	2 1/8"	3/8"	60	11	110	1150
QOYD270	2 3/16"	3/8"	60	11	115	1150
QOYD272	2 1/4"	3/8"	60	11	115	1150
QOYD276	2 3/8"	3/8"	60	11	118	1150
QOYD284	2 5/8"	3/8"	70	11	120	1380
QOYD288	2 3/4"	3/8"	70	11	125	1400
QOYD2100	3 1/8"	3/8"	75	11	130	1500
QOYD336	1 1/8"	1/2"	40	14	60	265
QOYD340	1 1/4"	1/2"	40	14	67	295
QOYD342	1 5/16"	1/2"	45	14	70	305
QOYD344	1 3/8"	1/2"	45	14	70	305
QOYD346	1 7/16"	1/2"	50	14	70	305
QOYD348	1 1/2"	1/2"	50	14	70	305
QOYD350	1 9/16"	1/2"	50	14	76	315
QOYD352	1 5/8"	1/2"	50	14	76	315
QOYD356	1 3/4"	1/2"	50	14	76	315
QOYD358	1 13/16"	1/2"	50	14	76	315
QOYD364	2"	1/2"	60	14	100	370
QOYD372	2 1/4"	1/2"	60	14	114	380
QOYD374	2 5/16"	1/2"	60	14	114	380
QOYD376	2 3/8"	1/2"	65	14	120	395

CH Series Square Drive Adapter

The adapters for square drive torque wrenches' plug-ins are convenient for the conversion of different square drive hole specifications.

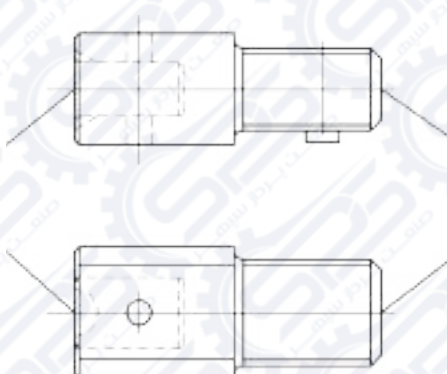


CH Model

Metric

Item No.	Square Drive mm	Square Hole mm	A mm	H mm	D mm	Weight g
CH9-14	9x12	14x18	41.5	25.2	32	102
CH14-9	14x18	9x12	27	18.8	22.1	180
CH14-24	14x18	24x32	64.5	38	56	500
CH24-14	24x32	14x18	41.5	25.2	32	700
CH24-27	24x32	27x36	64	42	64	975
CH27-24	27x36	24x32	64.5	38	56	1025

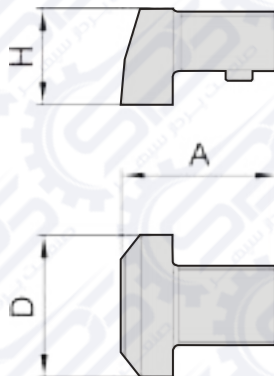
Square Hole
(matching the plug-ins
for rectangular head
holder torque wrenches)



Square Drive
(matching rectangular head
holder torque wrenches)

H Series Welding Joint Fittings

Can be welded with various special-shaped opening plug-ins.

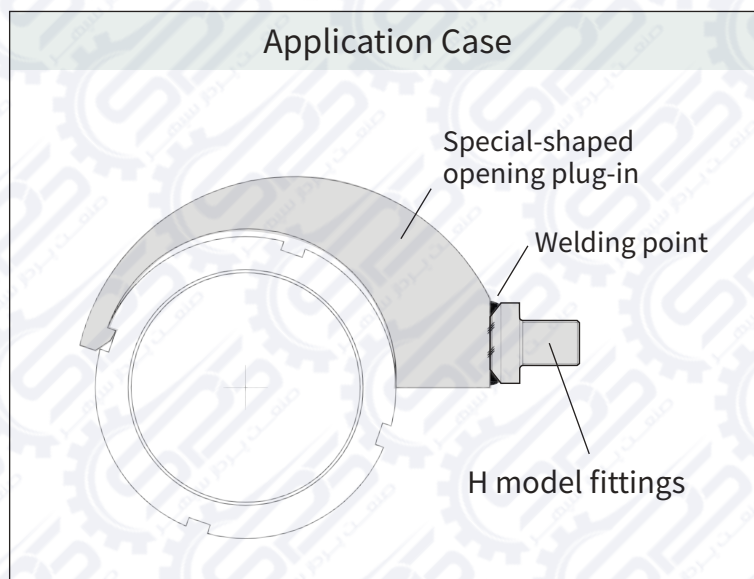


H Model

Metric

Item No.	Shank Size mm	A mm	H mm	D mm	Weight g
H912	9x12	23.8	14.5	21.5	27
H1418	14x18	38	21.4	30	92
H2432	24x32	66	36.5	35	430

Application Case



NovaTork®'s Special Services

Pre-sales

- Understanding customer's need and recommend suitable torque tools
- Can provide professional torque knowledge training for domestic users (paid service).

After-sales

- Free charge of calibration within one year for domestic users.
- Spare parts supplied

Customization

- Product customization according to working conditions, providing solutions for special work stations, special functions and special spaces.

We has provided many **Torque Problem Solutions** and **Customized Torque Tools**, such as:



The Mini Medical Torque Screwdriver for Pacemaker



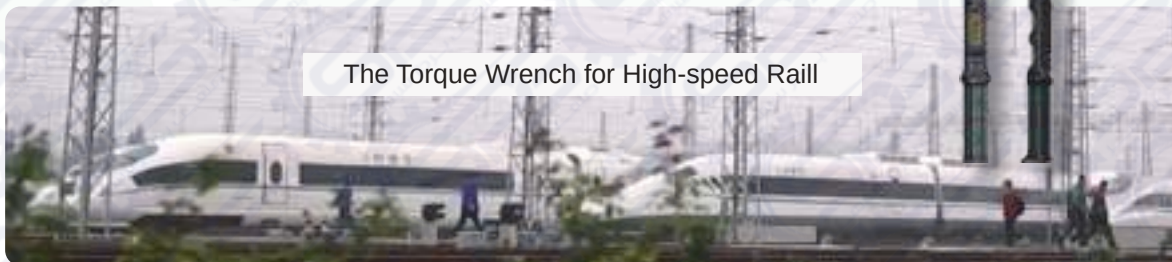
The Torque Multiplier for Aircraft Engine



The Torque Multiplier for Wind Power



The Mini Dental Torque Wrench



The Torque Wrench for High-speed Rail

Non-Standard Customized Cases



Extra-long torque wrench



Special torque wrench for tightening the lid of the barrel



Special multiplier



Medical stainless steel Slipping torque wrench



Telecom-specific torque multipliers



Medical electric torque tool



A variety of special torque wrenches for specific stations

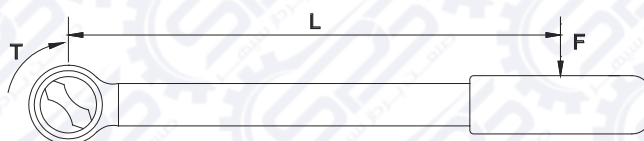
Non-Standard Fittings



See "Calculation of Using Non-Standard Inserts" on Page 15.

What is TORQUE

The torque equal to arm of force (L) multiply applied force (F).
Eg. $F = 100\text{N}$, $L = 2\text{m}$, then $T = 100 \times 2 = 200 \text{ N} \cdot \text{m}$



$$T = F \cdot L$$

T — Torque

F — Applied force

L — Arm of force

Torque Unit

F — N (newton) ; Lb (pound) ; Kg (kilogram)

L — m (meter) ; cm (centimeter) ; ft (foot) ; in (inch)

T — N.m (newton meter) ; cN.m (newton centimeter) ; Lb.ft (foot-pound) ;

Lb.in (inch-pound) ; Kg.m (kilogram-meter) ; cKg.m (kilogram-centimeter)

Bolt & Torque

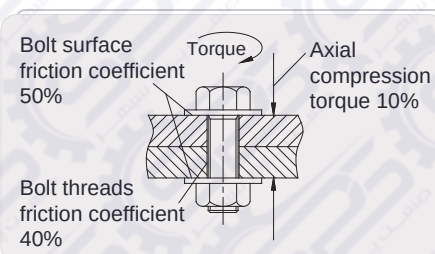
Strength of bolt ↑, and Torque ↑;

Bolt surface friction coefficient ↑, and Torque ↑;

Bolt threads friction coefficient ↑, and Torque ↑;

Bolt specification ↑, and Torque ↑

The approximate percentage of torque acting on the bolt: ➡



Bolt Grade & Mark

Bolt grade is marked as below:



$$(\text{Yield ratio} = \frac{\text{Yield strength}}{\text{Tensile strength}})$$

Eg. Bolt grade 4.6, means:

(1) Tensile strength of bolt material is 400MPa

(2) Yield ratio of bolt material is 0.6

(3) Bolt yield strength is $400 \times 0.6 = 240\text{MPa}$

Bolt grade 3.6, 4.6, 4.8, 5.6, 5.8, 6.8, 8.8, 9.8, 10.9, 12.9, etc.

High strength bolt's grade is above 8.8, others are called common bolt.

Bolt grade mark:



Outer-hexagonal



Inner-hexagonal

Torque Unit Conversion

	N·m	kg·m	Lb·ft	Lb·in
1 N·m =	1	0.101972	0.737562	8.850744
1 kg·m =	9.80665	1	7.23301	86.79612
1 Lb·ft =	1.35582	0.138255	1	12
1 Lb·in =	0.112985	0.011521	0.083333	1

For more information about torque conversion, please visit: www.novatork.com.cn

Shanghai UB Machinery Co., Ltd.

Hotline: 400 820 5285

Address: No.168, Qianqiao Road, Fengxian District, Shanghai, 201407 China

Tel: 86 021 63678175

Email: sales@novatork.com

Website: www.novatork.com / www.novatork.com.cn