TORQUE WRENCHES

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The Right Torque is Just One Click Away

2026

NovaTork®

CONTENTS

TORQUE WRENCHES

Innovation, Design and Quality

NovaTork offers the perfect combination of advanced design, technological innovation, and excellent value for money. The torque wrenches are the result of years of development, aimed at achieving the highest precision, reliability, and user-friendliness. Each product is carefully designed and manufactured with attention to detail, ensuring that it not only performs excellently but is also ergonomically and aesthetically appealing.

With its own production and engineering facility spanning over 40,000m², NovaTork maintains control over the entire production process. From design, component machining, to assembly and durability testing, everything is done in-house.

ENGINEERED FOR PERFORMANCE
The high-quality range includes a wide variety of torque wrenches, from click wrenches to pre-set models and advanced measuring tools with data recording, specifically developed for quality departments or assembly environments where high demands on bolt connections. Whether you are looking for a tool for occasional use or for daily assembly of fasteners in a manufacturing process, NovaTork offers the right solution. The products are designed for the highest level of precision, ensuring you can always rely on the correct torque setting. Additionally, NovaTork has the widest range of insert tools, with the ambition to make every bolt connection accessible. Customization is also not an exception.

DRIVEN BY INNOVATION
Their ambition is simple: NovaTork aims to be a leading global player in the field of torque wrenches. They combine the latest technologies with craftsmanship to deliver a product that not only meets the highest standards but exceeds them. They strive to consistently exceed customer expectations by continuing to innovate and invest in the best technologies.

A team of engineers has developed a series of tools that can communicate with your ERP system, allowing you to meet your customers' requirements for traceability and accuracy, including innovations such as a built-in barcode scanner to easily control or document production processes.

SERVICE THAT POWERS PRODUCTIVITY
Rami Yokota is proud to offer NovaTork products in Europe, with the guarantee of excellent service. This includes an in-house repair and calibration service, ensuring that your torque wrenches remain in top condition, no matter the usage. We ensure that your tools perform optimally, so you can focus on the quality of your work.
Our expertise in assembly techniques enables us to advise customers on every application. The EAS concept (Efficient Assembly Solutions) provides optimal ergonomics for your employees, maximum quality of bolt connections, and increased efficiency. This improves your business performance and competitiveness.

Whether you work in the automotive sector, manufacturing industry, or in the maintenance of machines or vehicles, with NovaTork, you choose a torque wrench that is not only reliable but also contributes to the efficiency and precision of your work.

NovaTork, the right torque is just one click away.

SELECTION GUIDE

Selection Table for Tightening Torques

The below guidelines for relations between bolt size, strength class and required torque levels are meant for guidance only.

VDI 2230*		STEEL				STAINLESS STEEL		
Strength classes		5.8	8.8	10.9	12.9	50	70	80
Bolt	Dimension of bolt head mm	Torque Nm	Torque Nm	Torque Nm	Torque Nm	Torque Nm	Torque Nm	Torque Nm
M1.6	-	0,11	0,17	0,24	0,29	0,10	0,20	-
M2	-	0,22	0,35	0,49	0,58	0,25	0,30	-
M2.2	-	0,29	0,46	0,64	0,77	-	-	-
M2.5	-	0,44	0,70	0,98	1,20	0,45	0,60	-
M3	-	0,77	1,20	1,70	2,10	1,00	1,10	-
M3.5	-	1,20	1,90	2,70	3,30	-	-	-
M4	7	1,9	2,9	4,1	4,9	0,9	2	2,7
M5	8	3,7	6	8,5	10	2	4	5,3
M6	10	6,4	10	14	17	3,2	7	9
M8	13	16	25	35	41	8	17	23
M10	17/16	31	49	69	83	16	33	45
M12	19/18	54	86	120	145	27	58	77
M14	22/21	86	135	190	230	43	93	124
M16	24	130	210	295	355	66	142	190
M18	27	180	290	405	485	93	198	265
M20	30	255	410	580	690	130	278	371
M22	32	345	550	780	930	174	374	499
M24	36	440	710	1000	1200	224	480	640
M27	41	650	1050	1500	1800	331	708	-
M30	46	880	1450	2000	2400	450	964	-
M33	50	1200	1900	2700	3250	609	-	-
M36	55	1550	2450	3450	4150	782	-	-
M39	60	2.000	3.200	4.500	5.400	1.013	-	-
M42	65	2.450	3.950	5.550	6.650	-	-	-
M45	70	3.100	4.950	6.950	8.350	-	-	-
M48	75	3.750	5.950	8.400	10.100	-	-	-
M52	80	4.800	7.650	10.800	12.900	-	-	-
M56	85	5.950	9.550	13.400	16.100	-	-	-
M60	90	7.400	11.900	16.700	20.000	-	-	-
M64	95	8.950	14.300	20.100	24.100	-	-	-
M68	100	10.800	17.300	24.300	29.100	-	-	-

* These torque values are only guide lines and are calculated with friction factor 0,125.

SELECTION GUIDE

Why bolt Connections?

Bolted connections are the most common method of assembling two or more parts together. It is common used when parts need to be easily disassembled later, in case of wear, repair or maintenance. This is a very cost-effective solution versus permanent joints, such as glued, welded or riveted.

Certain standards must be observed when assembling correctly. Each diameter or type of fastener has its own optimal clamp force to ensure the integrity and safety of the assembled parts. Because clamp force is difficult to measure in practice, a derivative is used: tightening torque. This is a method of determining the amount of force used to tighten a bolt. Tightening torques are determined by industry standards organizations or by product designers.

Bolted joints can fail in some cases. This can be caused by overtightening or too low a torque. Over-tightening means that due to plastic deformation, the bolt loses its clamping force. As a result, the joint will loosen or break due to metal fatigue. Bolts that are insufficiently tightened will in practice also loosen or break due to shear force.

RISK ANALYSIS

In order to mount bolted joints correctly, various tools are available in different price ranges and from simple to very sophisticated. In order to make the right choice, it is important to first determine what the consequences might be of an incorrectly tightened bolted joint. A so-called risk analysis of bolted joints.

What are the consequences of a loosened bolted joint for people and environment in the immediate area or the product itself? We must also consider the cost of warranty repairs and or image damage. This collectively affects the choice of your tools.

VDI 2862 1-2

A commonly used tool for choosing the right tool is VDI 2862-1 and part 2. This is a guideline drafted by the Verein Deutscher Ingenieure (Association of German Engineers). Part 1 is aimed at the automotive industry and Part 2 at general industry. This guideline has classified bolted joints into an A / B / C class.

RISK IN CASE OF A LOOSE JOINT:

A	Tool malfunction: danger to life and limb or an environmental incident.
B	Functional failure, resulting in downtime.
C	Functional failure without direct consequences.

SELECTION GUIDE

Selection Table for Tightening Torques

	VDI	M1,6 0,17	M2,2 0,46	M3 1,20	M4 2,90	M5 6	M6 10	M8 25	M10 49	M14 135	M16 210	M18 290	M20 410	M22 550	M24 710	M27 1050	M30 1450	M33 1900	M36 2400	M39 3200Nm
MS-Series Mechanical Torque Screwdriver	C	0,2~6 (PAGE 16)																		
BWM-Series Breaker Torque Wrench	C	0,2~10 (PAGE 21)																		
SL-Series Slipper Torque Wrench	C			1~100 (PAGE 21)																
HB-Series Adjustable Spanner Head Torque Wrench	C							5~340 (PAGE 17)												
GS-Series Mini Torque Wrench	C			1~40 (PAGE 17)																
GM-Series Torque Wrench	C								2,5~3000 (PAGE 18)											
BQ-Series Torque Wrench with Quick Release	C									1~2000 (PAGE 19)										
PC-Series Preset Torque Wrench	C									1~3000 (PAGE 22)										
WPEM-Series WLAN Mechatronic Preset Torque Wrench	A								4~300 (PAGE 23)											
STM-Series Click Torque Wrench	C									5~2000 (PAGE 20)										
AU-Series Aluminium Torque Wrench	C										100~2000 (P. 25)									

SELECTION GUIDE

Selection Table for Tightening Torques

	VDI	M1,6 0,17	M2,2 0,46	M3 1,20	M4 2,90	M5 6	M6 10	M8 25	M10 49	M14 135	M16 210	M18 290	M20 410	M22 550	M24 710	M27 1050	M30 1450	M33 1900	M36 2400	M39 3200Nm
ES-Series Digital Torque Screwdriver	B	0,2~6 (PAGE 16)																		
DS-Series Dial Torque Wrench	C									2~2000 (PAGE 25)										
EJM-Series Electronic Torque Wrench	B									3~1000 (PAGE 26)										
EAM-Series Electronic Angle Torque Wrench	B									2~2000 (PAGE 27)										
WEM-B Series WLAN Electronic Torque Wrench	A									3~340 (PAGE 28)										
TES-Series Torque Tester	-									1,2~1100 (PAGE 23)										

TORQUE CONTROLED

Torque wrenches for maximum reliability and precision

In a world where precision and safety are becoming increasingly important, torque wrenches have become indispensable in general industry, the automotive industry and technical assembly. Tightening bolts and nuts correctly not only prevents damage and wear, but also ensures the reliability of entire structures. This is where the strength of NovaTork torque wrenches lies.

The history of torque wrenches goes back to the early 20th century, when the first need arose for controlled torque during assembly work. Since then, the technology has evolved continuously: from simple mechanical torque wrenches to advanced, precisely calibrated instruments that meet the highest international standards for quality control.

BUILT ON RELIABILITY
NovaTork builds on this rich history, combining proven technology with modern manufacturing expertise. By using high-quality materials, strict quality controls and innovative production methods, the torque wrenches offer an excellent balance between durability, accuracy and ease of use. This makes them suitable for both intensive industrial use and applications where precision is crucial.

THE RIGHT SOLUTION FOR EVERY APPLICATION
The NovaTork range has been developed to cater for a wide variety of applications. For example, there are click-type torque wrenches that provide a clear audible and tactile signal as soon as the set torque is reached, making them ideal for repetitive tasks where speed and consistency are key. For applications where visual inspection is essential, there are torque wrenches with analogue scales or digital displays, allowing the tightening torque to be accurately monitored and recorded. In addition, NovaTork offers models with interchangeable insert tools, enabling a single tool to be used for different joints and hard-to-reach joints. For industrial environments where intensive use is the norm, robust versions are available that deliver sustained high performance without compromising on accuracy. This diversity makes it possible to find the right balance between control, flexibility and efficiency for every application.

MORE THAN JUST TIGHTENING
Nowadays, using a torque wrench is no longer a luxury, but a necessity. Tightening bolt connections too loosely or, conversely, too tightly can lead to costly repairs, safety risks and production faults. With a reliable torque wrench, every joint is tightened exactly to specification; a small action with a big impact.

In this context, the use of high-quality assembly tools fits in seamlessly. The solutions offered by Rami Yokota, under the Yokota and Red Rooster brands, combine with NovaTork to form a powerful, comprehensive 'Efficient Assembly Solutions' concept. NovaTork offers tools that enable precise assembly, as well as tools for the inspection and commissioning of pneumatic and electric assembly tools. This directly contributes to higher productivity and optimal ergonomics on the shop floor.

This combination enables users to further develop their expertise: working faster without compromising on quality, whilst maintaining maximum control over every joint. Ergonomically designed tools reduce physical strain, whilst consistent performance contributes to a stable and efficient production process. This creates an integrated approach that brings together precision, productivity, ergonomics and expertise.

NovaTork, the right torque is just one click away!

TORQUE WRENCHES NOVATORK

TORQUE CONTROLED

Why the correct torque is essential for secure connections

WHAT ARE TORQUE AND CLAMP FORCE
Torque is the force, expressed in Newton-meters, used to tighten a bolt. This force (the amount of force exerted in kilograms, measured over a distance of 1 meter) ensures that the bolt is clamped.

When tightening the joint to a specific torque, our aim is to develop a specific clamp force in the bolt. It is this clamp force that holds the two (or more) components together.

WHERE IS THE TORQUE LOST?
In practice, we assume that around 40% of the torque applied to the joint is lost to friction in the thread. A further 50% is lost to friction beneath the bolt head. This leaves only 10% to build up the full clamp force.

This clamp force holds the components together and ensures that they do not loosen or slip. Given that a very large proportion of the original tightening torque is lost due to friction, you can imagine that reducing friction has a huge impact. Lubrication ensures that friction in the thread or beneath the bolt head is greatly reduced. As a result, the clamp force increases at the same tightening torque. Clamp force is very complex to measure. This can be done using ultrasound, measuring elongation or using a load cell. However, this is not very practical in a production environment. Certainly not when dealing with large quantities. That is why, in assembly, a derivative is used to predict the clamp force: tightening torque or simply torque. This is easy to measure, quick to check and is therefore a good reference value.

RESIDUAL TORQUE: FALSE SECURITY
In many conventional bolting processes, the torque is checked after the joint has been tightened. The mechanic retightens all the joints by using a click-type torque wrench or a torque wrench, to ensure that the joint has been tightened to the correct torque.

This is referred to as 'residual torque'. In many cases, the wrench clicks before any further turning takes place. This is incorrect, as it only indicates the minimum value (set click value) at which the joint has been tightened. The actual torque in the joint can therefore be much higher! This false sense of security must be avoided, because if bolts are tightened with excessive torque, they may be pulled into or even through the yield point. The bolt loses its elasticity and secure hold: in practice, it will then break or come loose.

MEASURING DURING ASSEMBLY: APPLIED TORQUE
A better option would be a torque wrench. This could be a dial-type torque wrench or a digital version. If desired, it can emit a signal the moment the bolt begins to turn further. That is the moment to stop turning and read the torque.

The quality control department could then consider using a coat of varnish, for example, to show the customer that this has been done. But it is, of course, abundantly clear that this process takes time from the operator. And from the entire production process. Manufacturing companies that make a large number of joints and, at the same time, have a customer requirement to demonstrate that the correct torque has been applied to every connection, often use a different solution. And that is measuring during the joint process. 'Applied torque'.

TORQUE WRENCHES

TORQUE WRENCHES

Presentation of the Torque Wrenches

NovaTork®

TORQUE WRENCHES

Presentation of the Torque Wrenches

The correct use of a torque wrench ensures that a bolted connection does not loosen or break in practice. This prevents damage to machines or loss of parts.

NovaTork develops and produces a wide range of torque wrenches that help you ensure your productivity and quality. The torque wrenches are easy and precise to adjust.

ADJUSTABLE CLICK TORQUE WRENCHES / ASSEMBLY WRENCHES
For torque application when assembling bolts. Equipped with fixed ratchet head or as an insert spanner for optimum flexibility. Also available in screwdriver version.

Type
GSM / GM in full metal with micrometer adjustment.
STM with non-slip handle made of technical plastic, oil-resistant.
MSM straight screwdriver.
BWM with metal grip.
BQLSM & BQLM with metal grip and quick retainer ratchet.
AUMR lightweight in aluminium with integrated ratchet.
HB with adjustable spanner head, offering more flexibility.

DIGITAL ASSEMBLY WRENCHES
The assembly wrenches are digitally adjustable by torque or by both torque and angular rotation. This ensures that the bolted connection is tightened correctly.

Type
EJM with digital display.
ESM with digital display in screwdriver form.
EAM with digital display including angle of rotation.

PRE-SET ASSEMBLY WRENCHES
Industrial pre-set torque wrenches are set to a predetermined torque. The operator cannot change it, so the torque is guaranteed to remain as you have set it.

Type
PC with fine-toothed ratchet head.
PCH with rectangular insertion end for a wide range of insert tools.
SL with slipping clutch feature that prevents overtightening.
WPEM with full WLAN connection for traceability.

DIAL TORQUE WRENCHES
Regularly, you will need to check your finished product or adjust machines. To do this, you use a measuring torque wrench that indicates how much torque a bolt is mounted with.

Type
DSM with dial display.
EJM with digital display.
ESM with digital display in screwdriver form.
EAM with digital display including angle of rotation.
WEM with WLAN connection for Quality Control.

LINE TESTER

Type
TES to inspect torque wrenches at the production site as a daily routine.

INSERT TOOLS
In addition we offer a variety of insert tools, for example with square drive open end, in angle or with ratchet head for rectangular shank head torque wrenches.

TORQUE SCREWDRIVER

ES-Series: Digital Torque Screwdriver *0,1 ~ 8 Nm*

ESM MODEL

Type	Hexagone	Torque Nm	Weight kg	Width mm	Length mm
ESM1100	1/4"	0,1 ~ 1	0,23	40	210
ESM1250	1/4"	0,25 ~ 2,5	0,23	40	210
ESM1360	1/4"	0,36 ~ 3,6	0,23	40	210
ESM1600	1/4"	0,6 ~ 6	0,23	40	210
ESM1800	1/4"	1,6 ~ 8	0,23	40	210

FEATURES

- Accuracy: ±2%
- 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.
- Handgrip in engineering plastic, oil resistant and non-slip resistant, durable.
- The built-in lithium battery can be charged by the dedicated charging adapter.
- Automatically shuts off after 3 minutes of non use.

MS-Series: Mechanical Torque Screwdriver *0,2 ~ 6 Nm*

MSM MODEL

Type	Hexagone	Torque Nm	Weight kg	Width mm	Length mm
MSM1100	1/4"	0,2 ~ 1	0,26	38	172
MSM1250	1/4"	0,5 ~ 2,5	0,26	38	172
MSM1360	1/4"	0,6 ~ 3,6	0,26	38	172
MSM16	1/4"	1 ~ 6	0,26	38	172

FEATURES

- Accuracy: ±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.
- Ergonomic handle, double color with soft and hard adhesive, comfortable grip.
- Handgrip in engineering plastic, oil resistant and non-slip resistant, durable.

ADJUSTABLE CLICK TORQUE WRENCH

HB-Series: Adjustable Spanner Head Torque Wrench *5 ~ 340 Nm*

HB MODEL

Type	Opening size mm	Torque Nm	Weight kg	Width mm	Length mm
HB60KB	14 ~ 24	5 ~ 60	1,13	60	425
HB110K10	19 ~ 30	10 ~ 110	1,3	70	490
HB220K12	24 ~ 36	20 ~ 220	1,55	112	536
HB340K12	24 ~ 36	60 ~ 340	1,75	112	600

FEATURES

- Accuracy: +/-4% from 20-100% of capacity.
- Adjustable spanner head integrated.
- Alloy steel tube, strength and durable.
- Imperial secondary scale for reference.
- Alloy handle with cross grooves, non-slip, comfortable
- Three sizes of heads available:
  - 8" head for A/F 14 ~ 24 mm hexagon bolt;
  - 10" head for A/F 19 ~ 30 mm hexagon bolt;
  - 12" head for A/F 24 ~ 36 mm hexagon bolt.

GS-Series: Mini Torque Wrench *1 ~ 40 Nm*

GSMH MODEL

RECTANGULAR HEAD

Type	Insert tool mm	Torque Nm	Weight kg	Width mm	Length mm
GSMH95S	9x12	1 ~ 5	0,28	28	170
GSMH915S	9x12	3 ~ 15	0,31	28	194
GSMH925S	9x12	5 ~ 25	0,33	28	217
GSMH940S	9x12	8 ~ 40	1,2	28	244

GSM MODEL

RATCHET HEAD

Type	Square Drive	Torque Nm	Weight kg	Width mm	Length mm
GSM15S	1/4"	1 ~ 5	0,30	28	183
GSM115S	1/4"	3 ~ 15	0,33	28	207
GSM125S	1/4"	5 ~ 25	0,35	28	230
GSM240S	3/8"	8 ~ 40	0,37	36	260

FEATURES

- Accuracy: ±4% in clockwise direction.
- 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
- Grooved non-slip grip fits comfortably in your hand.
- Various fittings for different applications:
  - GSMH model: Head holder for standard 9x12mm rectangular shank heads.

ADJUSTABLE CLICK TORQUE WRENCH

GM-Series: Torque Wrench *2,5 ~ 3000 Nm*

GMH MODEL

GM MODEL

RECTANGULAR HEAD

Type	Insert tool mm	Torque Nm	Weight kg	Width mm	Length mm
GMH912	9x12	2.5~12	0,58	38	284
GMH920	9x12	4.0~20	0,58	38	284
GMH930	9x12	6.0~30	0,72	38	303
GMH960	9x12	10~60	0,86	38	372
GMH9125	9x12	25~12	0,94	38	427
GMH14200	14x18	40~200	1,06	38	459
GMH14335	14x18	65~335	1,2	38	514
GMH14335L	14x18	65~335	2	38	693,5
GMH14400	14x18	80~400	2,1	38	697
GMH24500	24x32	100~500	5	56	855
GMH24800	24x32	160~800	5,9	56	1055
GMH241000	24x32	200~1000	5,9	56	1055
GMH271500	27x36	300~1500	9	64	1249
GMH272000	27x36	400~2000	9	64	1249
GMH272000E	27x36	400~2000	12,5	64	2200
GMH273000	27x36	600~3000	10,3	64	1249
GMH273000E	27x36	600~3000	15,3	64	2780

RATCHET HEAD

Type	Square Drive	Torque Nm	Weight kg	Width mm	Length mm
GM230	3/8"	6.0~30	0,82	38	318
GM3125	1/2"	25~125	1,04	38	443
GM3200	1/2"	40~200	1,16	40	468
GM3335	1/2"	65~335	1,3	40	528
GM4335	3/4"	65~335	1,34	40	528
GM4500	3/4"	100~500	5	60	855
GM4800	3/4"	160~800	5,9	60	1055
GM5800	1"	160~800	5,9	60	1055
GM41000	3/4"	200~1000	5,9	60	1055
GM51500E	1"	300~1500	13	75	1600
GM52000E	1"	400~2000	13	75	1600
GM53000E	1"	600~3000	15,5	75	2780

FEATURES

- Accuracy: ±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.
- 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:
  - GMH-model: Head holder for standard 9x12, 14x18, 24x32 and 27x36 mm rectangular shank heads.
  - GM-model: Reversible ratchet head with 8° swing, suitable for confined space applications..

ADJUSTABLE CLICK TORQUE WRENCH

BQ-Series: Torque Wrench With Quick Release *1 ~ 2000 Nm*

BQLM-QR MODEL

BMH-QR MODEL

RATCHET HEAD

Type	Square Drive	Torque Nm	Weight kg	Width mm	Length mm
BQLSM15-QR	1/4"	1,0~5,0	0,3	28	217
BQLSM110-QR	1/4"	2,0~10	0,32	28	227
BQLSM125-QR	1/4"	5,0~25	0,33	28	265
BQLSM225-QR	3/8"	5,0~25	0,35	28	265

RECTANGULAR HEAD

Type	Insert tool mm	Torque Nm	Weight kg	Width mm	Length mm
BMH95S-QR	9x12	1,0~5,0	0,32	22	200
BMH910S-QR	9x12	2,0~10	0,33	22	210
BMH925S-QR	9x12	5,0~25	0,35	22	248

RATCHET HEAD

Type	Square Drive	Torque Nm	Weight kg	Width mm	Length mm
BQLM260-QR	3/8"	10~60	0,94	33	389
BQLM360-QR	1/2"	10~60	0,94	33	389
BQLM2100-QR	3/8"	20~100	1,04	33	428
BQLM3100-QR	1/2"	20~100	1,04	33	428
BQLM3150-QR	1/2"	30~150	1,05	40	466
BQLM3220-QR	1/2"	40~220	1,16	40	507
BQLM3350-QR	1/2"	70~350	1,34	40	567
BQLM3400-QR	1/2"	80~400	1,36	40	620
BQLM4600*	3/4"	100~600	5,1	64	1060
BQLM4800*	3/4"	150~800	5,9	64	1250
BQLM51000*	1"	200~1000	7	71	1250
BQLM51500E*	1"	300~1500	10,5	71	1870
BQLM52000E*	1"	400~2000	10,5	71	1870

RECTANGULAR HEAD

Type	Insert tool mm	Torque Nm	Weight kg	Width mm	Length mm
BMH960-QR	9x12	10~60	0,96	22	390,5
BMH9100-QR	9x12	20~100	1,04	22	445,5
BMH14150-QR	14x18	30~150	1,05	32	453,3
BMH14220-QR	14x18	40~220	1,16	32	474,3
BMH14350-QR	14x18	70~350	1,34	32	537,3
BMH14400-QR	14x18	80~400	1,36	32	593,3

* Non-Quick Release

FEATURES

- Accuracy is ±4% from 20-100% of capacity
- All metal structure, alloy steel pipe, durable
- Clear scale, easy to read
- Minor scale is 1/10 of increment of main scale
- Pull to unlock lock ring keeps selected torque secure from accidental change
- Quick release head
- Grooved non-slip grip

ADJUSTABLE CLICK TORQUE WRENCH

STM-Series: Click Torque Wrench *5 ~ 2000 Nm*

STMX MODEL

STMH MODEL

PUSH-THROUGH RATCHET HEAD

Type	Square Drive	Torque Nm	Weight kg	Width mm	Length mm
STMX3100	1/2"	20 ~ 100	1,1	48	438
STMX3200	1/2"	40 ~ 200	1,3	48	505
STMX3300	1/2"	60 ~ 300	1,4	48	565
STMX3400	1/2"	80 ~ 400	1,99	50	700
STMX41000	3/4"	200 ~ 1000	4,55	70	1210
STMX51500	1"	300 ~ 1500	6,5	90	1710
STMX52000	1"	400 ~ 2000	6,8	90	1943

FEATURES

- Unique window scale with fine increments.
- Accuracy is ±4% of the reading value.
- Ergonomic, non-slip handle.
- Handgrip in engineering plastic, oil resistant and non-slip resistant, durable.
- 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.
- Various fittings for different applications:
  - STMH model: Head holder, for 9x12 or 14x18mm rectangular shank heads.
  - STMX model: Push-through ratchet head for clockwise and counter-clockwise operation.
  - STM model: Compact reversible ratchet head for clockwise and counter-clockwise operation.

RECTANGULAR HEAD

Type	Insert tool mm	Torque Nm	Weight kg	Width mm	Length mm
STMH9100	9x12	20 ~ 100	0,9	43	423
STMH9150	9x12	30 ~ 150	1,1	43	463
STMH14150	14x18	30 ~ 150	1,1	43	467
STMH14200	14x18	40 ~ 200	1,2	43	494
STMH14300	14x18	60 ~ 300	1,2	43	554
STMH14400	14x18	80 ~ 400	1,6	56	707
STMH14550	14x18	110 ~ 550	2	32	869
STMH24550	24x32	110 ~ 550	2	56	919
STMH24750	24x32	150 ~ 750	2	56	1070
STMH24850	24x32	200 ~ 850	4,2	56	1137

STM MODEL

RATCHET HEAD

Type	Square Drive	Torque Nm	Weight kg	Width mm	Length mm
STM125	1/4"	5 ~ 25	0,82	30	321
STM250	3/8"	10 ~ 50	1	38	387
STM3100	1/2"	20 ~ 100	1,1	40	433
STM3200	1/2"	40 ~ 200	1,25	40	491
STM3300	1/2"	60 ~ 300	1,4	40	551
STM3340	1/2"	68 ~ 340	1,4	40	551
STM3400	1/2"	80 ~ 400	1,97	40	700
STM4550	3/4"	110 ~ 550	3,1	57	807
STM4750	3/4"	150 ~ 750	4	60	1105
STM41000	3/4"	200 ~ 1000	4,2	60	1105
STM51500	1"	300 ~ 1500	6,5	90	1710

PRESET TORQUE WRENCH

BWM-Series: Breaker Torque Wrench *0,2 ~ 10 Nm*

FEATURES

- Accuracy: ±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.

BWM MODEL

Type	Torque Nm	Weight kg	Width mm	Length mm
BWM2	0,2 ~ 2,0	0,07	18	130
BWM5	0,5 ~ 5,0	0,08	18	148
BWM10	1,0 ~ 10,0	0,09	18	148

Notes: Dimensions and weight do not include inserts.

OPEN-ENDED SPANNER

Type	A/F mm	Length mm	Width mm	Thickness mm	Weight kg
OB05	5	31,5	12,7	2	0,012
OB05.5	5,5	31,8	12,7	2,5	0,015
OB06	6	32	15,3	3	0,02
OB07	7	32,5	15,7	3	0,02
OB08	8	32,8	16,3	5	0,021
OB10	10	34	18,7	6	0,023
OB13	13	35	25	6	0,03
OB16	16	39,3	27,4	6	0,032
OB17	17	41	29	6	0,032

OTHER ATTACHMENTS

Type	Description
BIT08	Bit Holder 1/4"
BIT10	Bit Holder 5/16"
DB-S1	Ratchethead for 1/4" Bits

SL-Series: Slipper Torque Wrench *1 ~ 100 Nm*

FEATURES

- 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.
- 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

Type	Square Drive	Torque Nm	Weight kg	Width mm	Length mm
SL16	1/4"	1 ~ 6	0,41	31	200
SL125	1/4"	3 ~ 25	0,51	38	220
SL260	3/8"	10 ~ 60	0,82	46	330
SL3100	1/2"	20 ~ 100	1,06	46	460

PRESET TORQUE WRENCH

PC-Series: Preset Torque Wrench *1 ~ 3000 Nm*

PC MODEL

PCH MODEL

RATCHET HEAD

Type	Square Drive	Torque Nm	Weight kg	Width mm	Length mm
PC112	1/4"	2,5 ~ 12	0,45	38	184
PC120	1/4"	4 ~ 20	0,45	38	184
PC230	3/8"	6 ~ 30	0,5	38	184
PC260	3/8"	10 ~ 60	0,56	38	184
PC2125	3/8"	25 ~ 125	0,79	38	366
PC3200	1/2"	40 ~ 200	1,2	38	457
PC3340	1/2"	65 ~ 340	1,96	40	691
PC4650	3/4"	150 ~ 650	2,80	57	915
PC4800	3/4"	160 ~ 800	5,0	60	1030
PC41000	3/4"	200 ~ 1000	6,0	60	1260
PC51000	1"	200 ~ 1000	6,0	60	1260
PC51500	1"	300 ~ 1500	8,0	60	1610
PC52000	1"	400 ~ 2000	9,5	60	1910
PC53000	1"	600 ~ 3000	9,9	60	2010

FEATURES

- Easy to adjust to desired torque.
- Operator cannot change set torque by accident or by mistake.
- +/-4% Accuracy in clockwise direction (20 to 100% max. Torque).
- Various fittings designed for different applications.

RECTANGULAR HEAD

Type	Insert tool mm	Torque Nm	Weight kg	Length mm
PCH95S	9x12	1 ~ 5	0,22	145
PCH910S	9x12	2 ~ 10	0,23	145
PCH915S	9x12	3 ~ 15	0,23	145
PCH920	9x12	4 ~ 20	0,25	155
PCH925	9x12	5 ~ 25	0,28	178
PCH935	9x12	7 ~ 35	0,32	205
PCH940S	9x12	8 ~ 40	0,28	233
PCH950	9x12	10 ~ 50	0,4	240
PCH985	9x12	15 ~ 85	0,51	310
PCH9120	9x12	25 ~ 120	0,6	355
PCH9180T1	9x12	40 ~ 180	0,7	600
PCH9180	9x12	40 ~ 180	0,7	400
PCH14200	14x18	40 ~ 200	0,85	424
PCH14300	14x18	60 ~ 300	1,3	688
PCH24800	24x32	160 ~ 800	4,8	1030
PCH24100	24x32	200 ~ 1000	5,7	1260
PCH271500	27x36	300 ~ 1500	7,8	1610
PCH272000	27x36	400 ~ 2000	9,2	1910
PCH273000	27x36	600 ~ 3000	9,6	2010

PRESET ELECTRONIC CLICK WRENCH & TORQUE TESTER

WPEM-Series: WLAN Mechatronic Preset Torque Wrench *4 ~ 300 Nm*

WPEM MODEL

RECTANGULAR HEAD

Type	Insert tool mm	Torque Nm	Weight kg	Width mm	Length mm
WPEMH920	9x12	4,0 ~ 20	0,55	24	248
WPEMH930	9x12	6,0 ~ 30	0,55	24	248
WPEMH960	9x12	10 ~ 60	0,66	24	296
WPEMH9100	9x12	20 ~ 100	0,76	24	345
WPEMH14200	14x18	40 ~ 200	0,99	32	448
WPEMH14300	14x18	60 ~ 300	1,28	32	580

FEATURES

- Accuracy: Torque: CW±4% from 20 to 100% of capacity; Angle: (±1% of reading) + (±1° @ angular speed of 10°/s ~ 180°/s) +(±1° of test fixture)
- LCD screen display, convenient for real-time viewing. The wrench can be adjusted against the displayed torque value.
- Maintaining the Click audible alarm feature of the mechanical wrench.
- 4 Torque units are available: N.m, Ft.lb, In.lb, Kg.cm
- First peak value mode.
- Adjustable mechanism to set the torque value setting, and minimum angle value can be set in the system to prevent the operator from operating the same screw repeatedly.
- Peak value and judgement light status remain displayed after unloading.
- WLAN Server software can receive instant data from 24 wrenches working at the same time and record the information. Each screen can observe 12 wrenches.
- Through the USB Update software, you can set the: accuracy, angle value, etc. for judgment, and download them directly into the wrench.
- 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 1000 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 WLAN is restored. You can also upload the data manually via the USB upload software.

TES-Series: Torque Tester *1,2 ~ 1100 Nm*

TES MODEL

Type	Square Drive	Torque Nm	Weight kg	Length mm	Width mm	Height mm
TES112	1/4"	1,2 ~ 12	2,2	135	136	85
TES225	3/8"	2,5 ~ 25	2,4	135	136	85
TES240	3/8"	4,0 ~ 40	2,6	135	136	85
TES275	3/8"	7,5 ~ 75	2,8	135	136	85
TES3150	1/2"	15 ~ 150	2,9	135	136	85
TES3250	1/2"	25 ~ 250	3,1	135	136	85
TES3400	1/2"	40 ~ 400	3,2	135	136	85
TES4650	3/4"	65 ~ 650	3,2	135	136	85
TES41100	3/4"	110 ~ 1100	3,4	135	136	85

FEATURES

- Accuracy: ± 1%.
- Settings: Nm, Kgcm, Lbft, Lbin.
- Backlight optional, good for low light conditions.
- Memory function: Store 1500 sets of data as required, each set include time, unit, and value.
- Micro-USB port for charging and uploading data to computer.
- Automatic shutdown display after 10 minutes of non-use.

ADJUSTABLE TORQUE WRENCH

AU-Series: Aluminium Torque Wrench *100 ~ 2000 Nm*

AUMR MODEL

FEATURES

- Accuracy: +/- 4% at 20 to 100% of capacity
- Clearly readable scale
- Scale division in Nm or Lbft
- Lightweight
- Blocking device prevents inadvertent shifting of the set torque
- Clearly readable decimated scale
- Built-in ratchet head for counterclockwise and clockwise use.
- AUM series measurements are not sensitive for the position of the hand during tightening.

RATCHET HEAD

Type	Square Drive	Torque Nm	Weight kg	L1 mm	L2 mm	L3 mm	Width (W) x Height (H) mm	Longueur (L) mm
AUMR4550	3/4"	100 ~ 550	2,9	-	-	-	45x35	811
AUMR4760	3/4"	160 ~ 760	3,2	-	-	-	45x35	811
AUMR41000	3/4"	200 ~ 1000	5,6	811	754	-	45x35	1400
AUMR51500	1"	300 ~ 1500	9,8	930	930	-	60x40	1598
AUMR52000	1"	400 ~ 2000	12	930	930	930	60x40	2308

DS-Series: Dial Torque Wrench *0,4 ~ 2000 Nm*

DSM MODEL

FEATURES

- Accuracy: ±3%. (±4% accuracy for wrenches with capacities above 400N.m).
- Alloy steel structure, light weight and more durable.
- DSM-D models are two-way dial torque wrenches and can be operated in Clockwise or Counter-Clockwise direction.

Type	Square Drive	Torque Nm	Weight kg	Width mm	Longueur mm
DSM12D	1/4"	0,4 ~ 2	0,57	37	310
DSM18D	1/4"	1,6 ~ 8	0,57	37	310
DSM220D	3/8"	4 ~ 20	0,57	37	310
DSM250D	3/8"	10 ~ 50	1,16	37	400
DSM3200D	1/2"	40 ~ 200	1,05	37	550
DSM4500D	3/4"	100 ~ 500	3,4	59	818
DSM41000D	3/4"	200 ~ 1000	6,4	59	1192
DSM52000D	1"	400 ~ 2000	8,8	59	1620

ELECTRONIC TORQUE WRENCH

EJM-Series: Electronic Torque Wrench *2 ~ 1000 Nm*

EJM MODEL

EJMH MODEL

RATCHET HEAD

Type	Square Drive	Torque Nm	Weight kg	Width mm	Length mm
EJM120	1/4"	2 ~ 20	0,88	38	427
EJM230	3/8"	3 ~ 30	0,9	38	427
EJM250	3/8"	5 ~ 50	0,93	38	452
EJM2100	3/8"	10 ~ 100	1,0	38	482
EJM3200	1/2"	20 ~ 200	1,12	40	522
EJM3300	1/2"	30 ~ 300	1,52	40	590
EJM4400	3/4"	40 ~ 400	3,3	57	795
EJM4600	3/4"	60 ~ 600	4,6	60	1050
EJM4800	3/4"	80 ~ 800	5,2	60	1250
EJM41000	3/4"	100 ~ 1000	5,2	60	1250

RECTANGULAR HEAD

Type	Insert tool mm	Torque Nm	Weight kg	Width mm	Length mm
EJMH950	9x12	5 ~ 50	0,87	24	423
EJMH9100	9x12	10 ~ 100	0,93	24	453
EJMH14200	14x18	20 ~ 200	1,08	32	506

FEATURES

- Accuracy: ±2%.
- Units: Lbft, Lbin, Nm, Kgm.
- Modes: Peak Torque mode, Track mode.
- Target torque can be set
- Led light and buzzer alarming when reaches target torque.
- Torque error percentage display function.
- Optional backlight, good for dark working condition.
- Automatic reset to zero.
- Battery level display.
- Handgrip in engineering plastic, oil resistant and non-slip resistant, durable.
- Automatically shuts off after 2 minutes of non use.
- LR03 AAA x 3 alkaline batteries.

ELECTRONIC TORQUE WRENCH

EAM-Series: Electronic Angle Torque Wrench *2 ~ 2000 Nm*

EAM MODEL

EAMH MODEL

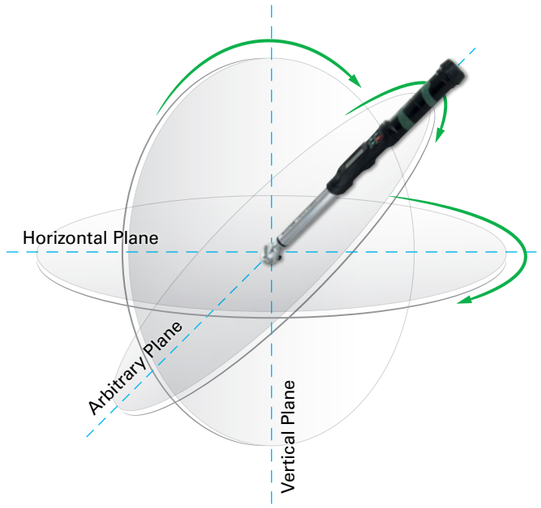
RATCHET HEAD

Type	Square Drive	Torque Nm	Weight kg	Width mm	Length mm
EAM120	1/4"	2 ~ 20	0,88	38	427
EAM230	3/8"	3 ~ 30	0,88	38	427
EAM250	3/8"	5 ~ 50	0,93	38	452
EAM2100	3/8"	10 ~ 100	1,0	38	482
EAM3200	1/2"	20 ~ 200	1,2	40	522
EAM3300	1/2"	30 ~ 300	1,27	40	590
EAM4400	3/4"	40 ~ 400	3,3	57	795
EAM4600	3/4"	60 ~ 600	4,6	60	1050
EAM4800	3/4"	80 ~ 800	5,2	60	1250
EAM41000	3/4"	100 ~ 1000	5,2	60	1250
EAM52000	1"	200 ~ 2000	6,5	75	1265

RECTANGULAR HEAD

Type	Insert tool mm	Torque Nm	Weight kg	Width mm	Length mm
EAMH920	9x12	2 ~ 20	0,77	24	377
EAMH930	9x12	3 ~ 30	0,82	24	399
EAMH950	9x12	5 ~ 50	0,85	24	417
EAMH9100	9x12	10 ~ 100	0,93	24	453
EAMH14200	14x18	20 ~ 200	1,05	32	493
EAMH14300	14x18	30 ~ 300	1,22	32	561

NovaTork's digital torque wrenches are designed for the assembly or inspection of bolted joints. The precisely adjustable torque setting can be clearly read on the display. These torque wrenches can be set for torque, angular rotation or a combination of both. Thanks to a high-precision gyroscope, angular rotation can be measured to within 1 degree. For accurate measurement, the torque wrench features a Peak & Trace function. The highest measurement value is stored so that the torque can be read.

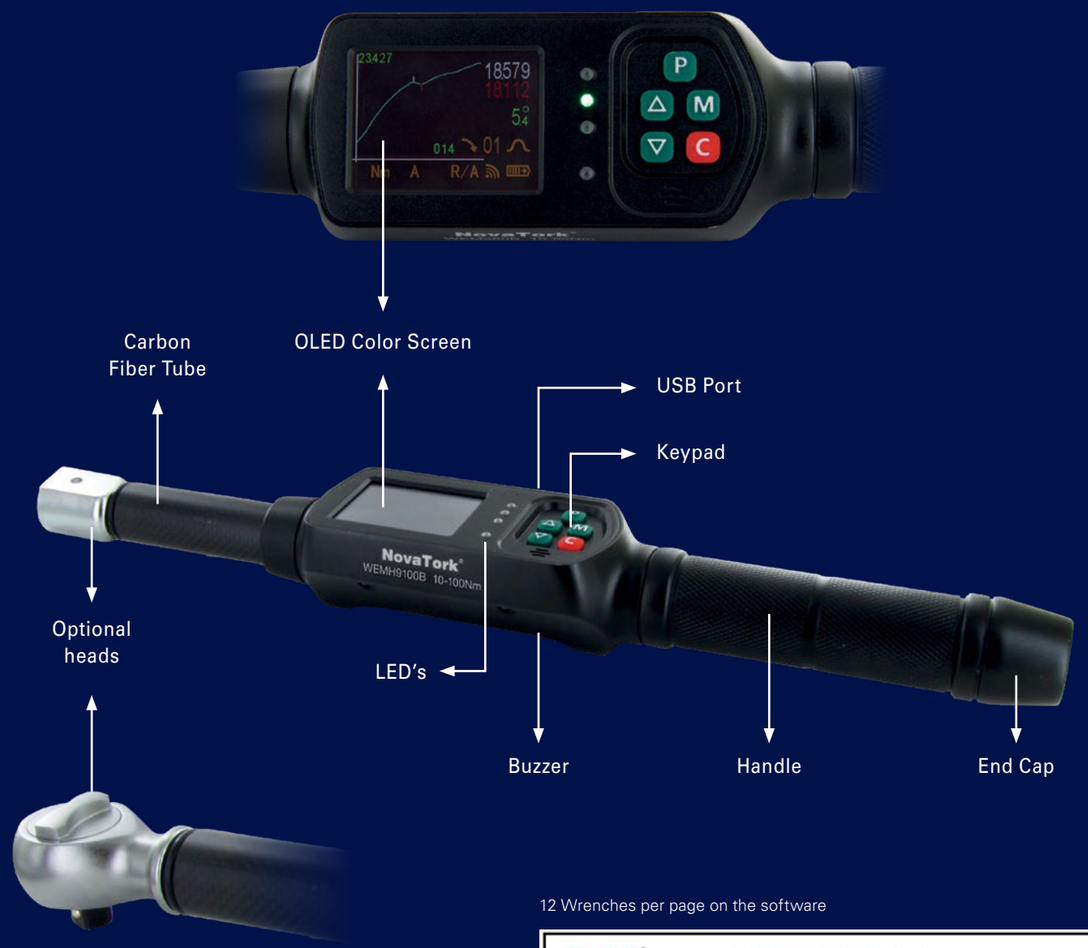


FEATURES

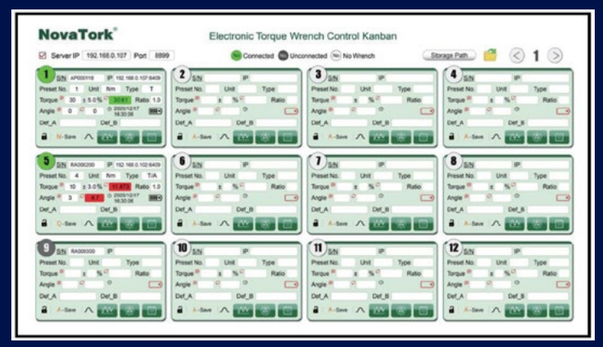
- Accuracy: Torque: CW±2%, CCW±3%;
  Angle: (±1% of reading) +(±1° @ angular speed of 10°/s ~ 180°/s) +(±1° of test fixture).
- Angle function:
  - High-precision gyroscope angle chip
  - Can preset the target angle value
  - Sound and light alarm function when reaching the target value
- Handgrip in engineering plastic, oil resistant and non-slip resistant, durable.
- 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

ELECTRONIC TORQUE WRENCH

Main Features



12 Wrenches per page on the software



NovaTork®

ELECTRONIC TORQUE WRENCH

WEM-B Series: WLAN Electronic Torque Wrench *6 ~ 340 Nm*

The multifunctional torque wrench not only has all the functions of an electronic torque wrench, but also has angle and WLAN function. The wrench itself can be used independently. Under the WLAN environment, the wrench and the centralized control center can realize real-time communication. 24 wrenches can be controlled at the same time.

FEATURES

- Accuracy: Torque: CW±1%, CCW±2% +1digit from 10 to 100% of capacity;
  Angle: (±1% of reading) + (±1° @ angular speed of 10°/s ~ 180°/s) +(±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
- Preset group function: 50 sets of parameters can be preset (parameters include torque unit, target value, accuracy, mode, etc.).
- 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 WLAN communication temporarily, the data will be automatically stored in the memory of the wrench and will be uploaded automatically after WLAN is restored.
- Angle function can be applied to the requirement of reaching a certain torque and then turning through a certain angle, or pure angle testing.
- 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.
- After one test is completed, there will be data waveform display.
- Application curves can be saved and viewed on the wrench.

RATCHET HEAD

Type	Square Drive	Torque Nm	Weight kg	Width mm	Length mm
WEM260B	3/8"	6 ~ 60	0,99	38	430
WEM2100B	3/8"	10 ~ 100	1,05	38	460
WEM3200B	1/2"	20 ~ 200	1,2	40	526
WEM3300B	1/2"	30 ~ 300	1,35	40	606
WEM3340B	1/2"	34 ~ 340	1,35	40	606

RECTANGULAR HEAD

Type	Insert tool mm	Torque Nm	Weight kg	Width mm	Length mm
WEMH960B	9 x 12	6 ~ 60	0,86	24	402
WEMH9100B	9 x 12	10 ~ 100	0,93	24	432
WEMH14200B	14 x 18	20 ~ 200	1,04	32	505
WEMH14300B	14 x 18	30 ~ 300	1,2	32	585
WEMH14340B	14 x 18	34 ~ 340	1,2	32	585

INSERT TOOLS

Open End Spanner

1

OH-SERIES 9x12 1

Type	Insert tool mm	Weight kg	A mm	D mm	H mm	A/F mm
OH96	9x12	0,038	17,5	22	5,5	6
OH97	9x12	0,038	17,5	22	5,5	7
OH98	9x12	0,037	17,5	22	5,5	8
OH99	9x12	0,044	17,5	25	6	9
OH910	9x12	0,043	17,5	25	6	10
OH911	9x12	0,042	17,5	25	6	11
OH912	9x12	0,048	17,5	29	7	12
OH913	9x12	0,047	17,5	29	7	13
OH914	9x12	0,058	17,5	33	8	14
OH915	9x12	0,057	17,5	33	8	15
OH916	9x12	0,056	17,5	38	8	16
OH917	9x12	0,054	17,5	38	8	17
OH918	9x12	0,080	25	43	8	18
OH919	9x12	0,075	25	43	8	19
OH920	9x12	0,090	25	48	8	20
OH921	9x12	0,100	25	48	8	21
OH922	9x12	0,095	25	48	8	22
OH923	9x12	0,100	25	52	8	23
OH924	9x12	0,110	25	52	8	24
OH925	9x12	0,110	30	57	8	25
OH926	9x12	0,110	30	57	8	26
OH927	9x12	0,140	30	57	8	27
OH928	9x12	0,142	30	57	8	28
OH929	9x12	0,142	30	57	8	29
OH930	9x12	0,145	35	66	8	30
OH931	9x12	0,145	35	66	8	31
OH932	9x12	0,145	35	66	8	32
OH933	9x12	0,145	40	68	8	33
OH934	9x12	0,145	40	68	8	34
OH935	9x12	0,145	40	68	8	35
OH936	9x12	0,145	40	68	8	36
OH937	9x12	0,145	40	68	8	37
OH938	9x12	0,145	40	68	8	38
OH941	9x12	0,145	50	84	8	41
OH945	9x12	0,145	50	90	8	45
OH946	9x12	0,165	50	90	8	46
OH949	9x12	0,175	55	100	8	49
OH950	9x12	0,175	55	100	8	50
OH952	9x12	0,175	55	100	8	52
OH955	9x12	0,175	55	100	8	55
OH960	9x12	0,215	60	110	8	60
OH965	9x12	0,225	65	117	8	65
OH967	9x12	0,225	65	117	8	67
OH980	9x12	0,300	90	165	8	80

OH-SERIES 14x18 1

Type	Insert tool mm	Weight kg	A mm	D mm	H mm	A/F mm
OH148	14x18	0,120	25	30	7	8
OH149	14x18	0,118	25	30	7	9
OH1410	14x18	0,116	25	30	7	10
OH1411	14x18	0,116	25	30	7	11
OH1412	14x18	0,112	25	30	7	12
OH1413	14x18	0,010	25	32	8	13
OH1414	14x18	0,116	25	32	8	14
OH1415	14x18	0,115	25	32	8	15
OH1416	14x18	0,128	25	38	9	16
OH1417	14x18	0,127	25	38	9	17
OH1418	14x18	0,138	25	42	10	18
OH1419	14x18	0,137	25	41	10	19
OH1420	14x18	0,145	25	48	12	20
OH1421	14x18	0,158	25	48	12	21
OH1422	14x18	0,155	25	48	12	22
OH1423	14x18	0,156	25	52	13	23
OH1424	14x18	0,195	25	51,5	13	24
OH1425	14x18	0,163	25	52	13	25
OH1426	14x18	0,163	30	57	14	26
OH1427	14x18	0,230	30	57,5	14	27
OH1428	14x18	0,255	30	57	14	28
OH1429	14x18	0,255	30	57	14	29
OH1430	14x18	0,255	35	65	14	30
OH1432	14x18	0,255	35	65	14	32
OH1433	14x18	0,360	40	68	14	33
OH1434	14x18	0,360	40	68	14	34
OH1435	14x18	0,365	40	68	14	35
OH1436	14x18	0,365	40	68	14	36
OH1437	14x18	0,440	40	68	14	37
OH1438	14x18	0,440	40	68	14	38
OH1439	14x18	0,435	50	83	14	39
OH1440	14x18	0,430	50	83	14	40
OH1441	14x18	0,430	50	83	14	41
OH1442	14x18	0,430	50	83	14	42
OH1443	14x18	0,480	50	90	14	43
OH1444	14x18	0,550	50	90	14	44
OH1445	14x18	0,600	50	90	14	45
OH1446	14x18	0,595	50	90	14	46
OH1448	14x18	0,595	55	100	14	48
OH1449	14x18	0,610	55	100	14	49
OH1450	14x18	0,610	55	100	14	50
OH1452	14x18	0,600	55	100	14	52
OH1455	14x18	0,585	55	100	14	55
OH1457	14x18	0,650	60	110	14	57
OH1460	14x18	0,650	60	110	14	60
OH1465	14x18	0,680	70	130	14	65
OH1470	14x18	0,700	70	130	14	70
OH1472	14x18	0,690	70	130	14	72
OH1475	14x18	0,720	70	130	14	75
OH1480	14x18	0,750	80	156	14	80
OH1490	14x18	0,750	80	156	14	90

INSERT TOOLS

Open End & Open End Spanner at 15 degree angle

1

2

OH-SERIES 24x32 1

Type	Insert tool mm	Weight kg	A mm	D mm	H mm	A/F mm
OH2419	24x32	0,65	35	50	25	19
OH2420	24x32	0,68	35	61	25	20
OH2422	24x32	0,70	35	61	25	22
OH2424	24x32	0,715	35	61	25	24
OH2427	24x32	0,718	35	66,5	25	27
OH2428	24x32	0,719	35	66,5	25	28
OH2430	24x32	0,720	35	68	25	30
OH2432	24x32	0,725	35	68	25	32
OH2434	24x32	0,73	40	73,5	25	34
OH2436	24x32	0,732	40	73,5	25	36
OH2438	24x32	0,809	40	73,5	25	38
OH2441	24x32	0,925	50	86	25	41
OH2445	24x32	1,00	50	92	25	45
OH2446	24x32	1,00	50	92	25	46
OH2450	24x32	1,150	55	104	25	50
OH2455	24x32	1,30	55	104	25	55
OH2457	24x32	1,33	60	114	25	57
OH2460	24x32	1,33	60	114	25	60
OH2462	24x32	1,33	60	114	25	62
OH2465	24x32	1,337	70	134	25	65
OH2467	24x32	1,415	70	134	25	67
OH2468	24x32	1,415	70	134	25	68
OH2470	24x32	1,620	70	134	25	70
OH2475	24x32	1,650	70	134	25	75
OH2480	24x32	1,650	80	155	25	80
OH2485	24x32	1,70	85	160	25	85
OH2495	24x32	1,750	90	170	25	95

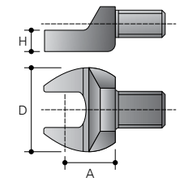
OH-SERIES 27x36 1

Type	Insert tool mm	Weight kg	A mm	D mm	H mm	A/F mm
OH2727	27x36	1,250	50	78,5	28	27
OH2730	27x36	1,295	50	85	28	30
OH2732	27x36	1,295	50	85	28	32
OH2734	27x36	1,330	50	88	28	34
OH2736	27x36	1,335	50	88	28	36
OH2738	27x36	1,338	50	90	28	38
OH2741	27x36	1,440	50	92	28	41
OH2745	27x36	1,440	50	98	28	45
OH2746	27x36	1,440	50	98	28	46
OH2750	27x36	1,450	55	118	28	50
OH2755	27x36	1,455	55	118	28	55
OH2760	27x36	1,460	60	130	28	60
OH2765	27x36	1,462	65	135	28	65
OH2770	27x36	1,465	70	142	28	70
OH2775	27x36	1,780	75	148	28	75
OH2780	27x36	2,60	80	158	28	80
OH2785	27x36	2,85	85	164	28	85
OH2790	27x36	2,90	90	176	28	90
OH2795	27x36	3,00	95	180	28	95
OH27100	27x36	3,15	100	195	28	100

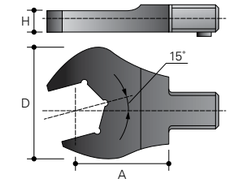
OH_A-SERIES 15 9x12 2

Type	Insert tool mm	Weight kg	A mm	D mm	H mm	A/F mm
OH910A15	9x12	0,070	17,5	28	9	10
OH911A15	9x12	0,070	17,5	28	9	11
OH913A15	9x12	0,070	17,5	30	9	13
OH914A15	9x12	0,073	17,5	30	9	14
OH915A15	9x12	0,073	17,5	30	9	15
OH916A15	9x12	0,073	17,5	33	9	16
OH917A15	9x12	0,080	30	33	7	17
OH919A15	9x12	0,080	30	36	7	19
OH920A15	9x12	0,080	30	44	9	20
OH921A15	9x12	0,084	30	44	9	21
OH922A15	9x12	0,084	30	42	8	22
OH924A15	9x12	0,084	30	44	9	24
OH925A15	9x12	0,085	30	46	11	25
OH926A15	9x12	0,086	30	50	11	26
OH927A15	9x12	0,086	30	50	11	27
OH928A15	9x12	0,086	30	54	11	28
OH930A15	9x12	0,091	35	54	11	30
OH932A15	9x12	0,091	35	60	11	32
OH936A15	9x12	0,091	40	65	13	36
OH941A15	9x12	0,108	50	70	11	41
OH950A15	9x12	0,108	55	87	11	50

OH SERIE



OH_A15 SERIE



INSERT TOOLS

Box End Spanner

QH-SERIES 9x12 / 14x18 / 24x32 / 27x36 1

Type	Insert tool mm	Weight kg	A mm	D mm	H mm	A/F mm
QH910	9x12	0,048	17,5	22	9	10
QH911	9x12	0,047	17,5	22	9	11
QH912	9x12	0,054	17,5	22	12	12
QH913	9x12	0,054	17,5	22	12	13
QH914	9x12	0,052	17,5	23	12	14
QH915	9x12	0,054	17,5	25	12	15
QH916	9x12	0,056	17,5	28	13	16
QH917	9x12	0,055	17,5	28	13	17
QH918	9x12	0,058	17,5	29	13	18
QH919	9x12	0,057	17,5	31	13	19
QH920	9x12	0,068	17,5	33	13	20
QH921	9x12	0,068	17,5	34	13	21
QH922	9x12	0,073	17,5	35	13	22
QH924	9x12	0,080	25	37	13	24
QH927	9x12	0,080	25	42	13	27
QH930	9x12	0,085	25	46	13	30
QH932	9x12	0,085	25	48	13	32
QH936	9x12	0,090	30	50	13	36
QH1406	14x18	0,095	25	32	11	6
QH1407	14x18	0,095	25	32	11	7
QH1408	14x18	0,095	25	32	11	8
QH1409	14x18	0,095	25	32	11	9
QH1410	14x18	0,095	25	32	11	10
QH1411	14x18	0,115	25	32	11	11
QH1412	14x18	0,125	25	32	11	12
QH1413	14x18	0,135	25	32	11	13
QH1414	14x18	0,135	25	32	11	14
QH1415	14x18	0,130	25	32	11	15
QH1416	14x18	0,130	25	32	12	16
QH1417	14x18	0,130	25	32	12	17
QH1418	14x18	0,125	25	32	12	18
QH1419	14x18	0,125	25	32	12	19
QH1420	14x18	0,155	25	38,5	15	20
QH1421	14x18	0,155	25	38,5	15	21
QH1422	14x18	0,155	25	38,5	15	22
QH1430	14x18	0,165	30	45	17,5	30
QH1436	14x18	0,196	30	53	19	36
QH1470	14x18	0,270	55	96	19	70
QH2419	24x32	0,627	35	46	25	19
QH2430	24x32	0,755	35	67	25	30
QH2432	24x32	0,755	35	69	25	32
QH2434	24x32	0,790	40	71	25	34
QH2436	24x32	0,830	40	73,5	25	36
QH2438	24x32	0,922	45	80	25	38
QH2441	24x32	0,980	50	83	25	41
QH2446	24x32	0,970	50	92	25	46
QH2741	27x36	1,265	50	76	28	41
QH2746	27x36	1,270	50	82	28	46

QOH-SERIES 9x12 / 14x18 / 24x32 1

Type	Insert tool mm	Weight kg	A mm	D mm	H mm	Opening mm	A/F mm
QOH96	9x12	0,06	17,5	22	12	4,3	6
QOH97	9x12	0,06	17,5	22	12	5,3	7
QOH98	9x12	0,063	17,5	22	12	6	8
QOH99	9x12	0,063	17,5	22	12	6,5	9
QOH910	9x12	0,063	17,5	22	12	7,1	10
QOH911	9x12	0,063	17,5	22	12	8,6	11
QOH912	9x12	0,061	17,5	24	12	9	13
QOH913	9x12	0,063	17,5	25	12	10	13
QOH914	9x12	0,062	17,5	27	12	11	14
QOH915	9x12	0,069	17,5	28	13	12	15
QOH916	9x12	0,069	17,5	30	13	13	16
QOH917	9x12	0,068	17,5	31,5	13	14	17
QOH918	9x12	0,077	25	33	13	14,8	18
QOH919	9x12	0,082	25	34,5	13	15,8	19
QOH921	9x12	0,092	25	37	13	16,2	21
QOH922	9x12	0,095	25	37	13	17	22
QOH924	9x12	0,097	25	39	13	18	24
QOH927	9x12	0,105	30	44	13	21	27
QOH930	9x12	0,115	35	48	13	22	30
QOH932	9x12	0,120	35	51	13	24	32
QOH1413	14x18	0,135	25	32	13	10	13
QOH1414	14x18	0,140	25	32	13	11	14
QOH1415	14x18	0,145	25	32	13	11,5	15
QOH1416	14x18	0,145	25	32	13	13	16
QOH1417	14x18	0,145	25	32	13	14	17
QOH1418	14x18	0,150	25	33	15	14,8	18
QOH1419	14x18	0,150	25	34,5	15	15,8	19
QOH1422	14x18	0,155	25	38	15	17	22
QOH1424	14x18	0,155	25	40	15	18,5	24
QOH1427	14x18	0,155	30	45	15	20	27
QOH1430	14x18	0,155	35	48	18	22	30
QOH1432	14x18	0,155	35	52	18	24	32
QOH1434	14x18	0,160	40	55	19	25	34
QOH1436	14x18	0,165	40	58	19	27	36
QOH1438	14x18	0,175	45	61	19	28	38
QOH1441	14x18	0,180	50	65	19	30	41
QOH1446	14x18	0,190	50	71	19	31	46
QOH1460	14x18	0,210	60	91	19	41	60
QOH2419	24x32	0,627	35	46	19	15,8	19
QOH2430	24x32	0,755	35	67	25	22	30
QOH2432	24x32	0,755	35	69	25	24	32
QOH2434	24x32	0,790	40	71	25	25	34
QOH2436	24x32	0,830	40	73,5	25	27	36
QOH2438	24x32	0,922	45	80	25	28	38
QOH2441	24x32	0,980	50	83	25	30	41
QOH2446	24x32	0,970	50	92	25	32	46

INSERT TOOLS

Ring Ratchet & Ratchet Head

BQH-SERIES 9x12 1

Type	Insert tool mm	Torque Nm	Weight kg	A mm	D mm	H mm	A/F mm
BQH98S	9x12	34 Max	0,09	36	20	7,5	8
BQH99S	9x12	45 Max	0,095	40	20	7,5	9
BQH910S	9x12	58 Max	0,100	42	22	7,6	10
BQH911S	9x12	72 Max	0,103	42	24	8,6	11
BQH912S	9x12	89 Max	0,108	42	25	9,1	12
BQH913S	9x12	100 Max	0,110	42	26	9,4	13
BQH914S	9x12	125 Max	0,110	42	28	9,6	14
BQH915S	9x12	145 Max	0,110	45	28	10,1	15
BQH916S	9x12	160 Max	0,110	45	29,5	10,6	16
BQH917S	9x12	160 Max	0,112	52	32,5	10,6	17
BQH918S	9x12	160 Max	0,115	52	32,5	11,1	18
BQH919S	9x12	160 Max	0,115	52	35,5	11,5	19
BQH920S	9x12	160 Max	0,116	52	35,5	12,7	20
BQH921S	9x12	160 Max	0,116	52	42	13,8	21
BQH922S	9x12	160 Max	0,116	52	42	13,8	22

H-SERIES JOINTS 9x12 / 14x18 2

Type	Insert tool mm	Weight kg	A mm	D mm	H mm
H912	9x12	0,027	23,8	21,5	14,5
H1418	14x18	0,092	38	30	21,4

CH-SERIES (ADAPTER) 3

Type	Square Drive	Insert tool mm	Weight kg	A mm	D mm	H mm
CH9-14	9x12	14x18	0,102	41,5	32	25,2
CH14-9	14x18	9x12	0,18	27	22,1	18,8
CH14-24	14x18	24x32	0,5	64,5	56	38
CH24-14	24x32	14x18	0,7	41,5	32	25,2
CH24-27	24x32	27x36	0,975	64	64	42
CH27-24	27x36	24x32	1,025	64,5	56	38

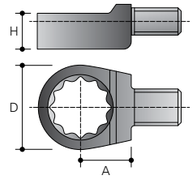
DH-SERIES 9x12 / 14x18 / 24x32 / 27x36 4

Type	Insert tool mm	Square Drive	Weight kg	A mm	D mm	H mm
DH9120	9x12	1/4"	0,090	17,5	30	16,2
DH9125	9x12	1/4"	0,135	17,5	38	21
DH92160	9x12	3/8"	0,160	17,5	38	21
DH93160	9x12	1/2"	1,160	17,5	38	21
DH143420	14x18	1/2"	0,280	25	40	21
DH144420	14x18	3/4"	0,305	25	40	21
DH2441200	24x32	3/4"	1,04	35	60	32
DH2451200	24x32	1"	1,140	35	60	32
DH2753000	27x36	1"	1,720	50	72	42

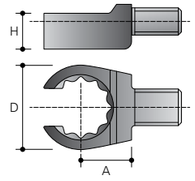
ZJ-SERIES (CALIBRATION ADAPTER) 5

Type	Square Drive	Hexagon mm
ZJ1-4	1/4"	3-4
ZJ1-5,5	1/4"	5-5,5
ZJ1-7	1/4"	6-7
ZJ1-9	1/4"	8-9
ZJ1-11	1/4"	10-11
ZJ1-13	1/4"	12-13
ZJ2-8	3/8"	7-8
ZJ2-10	3/8"	9-10
ZJ2-13	3/8"	12-13
ZJ2-16	3/8"	14-16
ZJ2-18	3/8"	17-18
ZJ3-16	1/2"	14-16
ZJ3-18	1/2"	17-18
ZJ3-21	1/2"	19-21
ZJ3-23	1/2"	22-23
ZJ3-26	1/2"	24-26

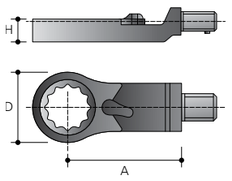
QH SERIE



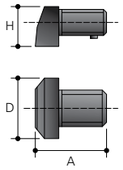
QOH SERIE



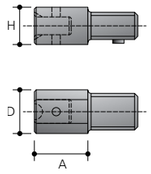
BQH SERIE



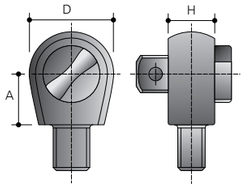
H SERIE



CH SERIE



DH SERIE



SERVICE

SERVICE

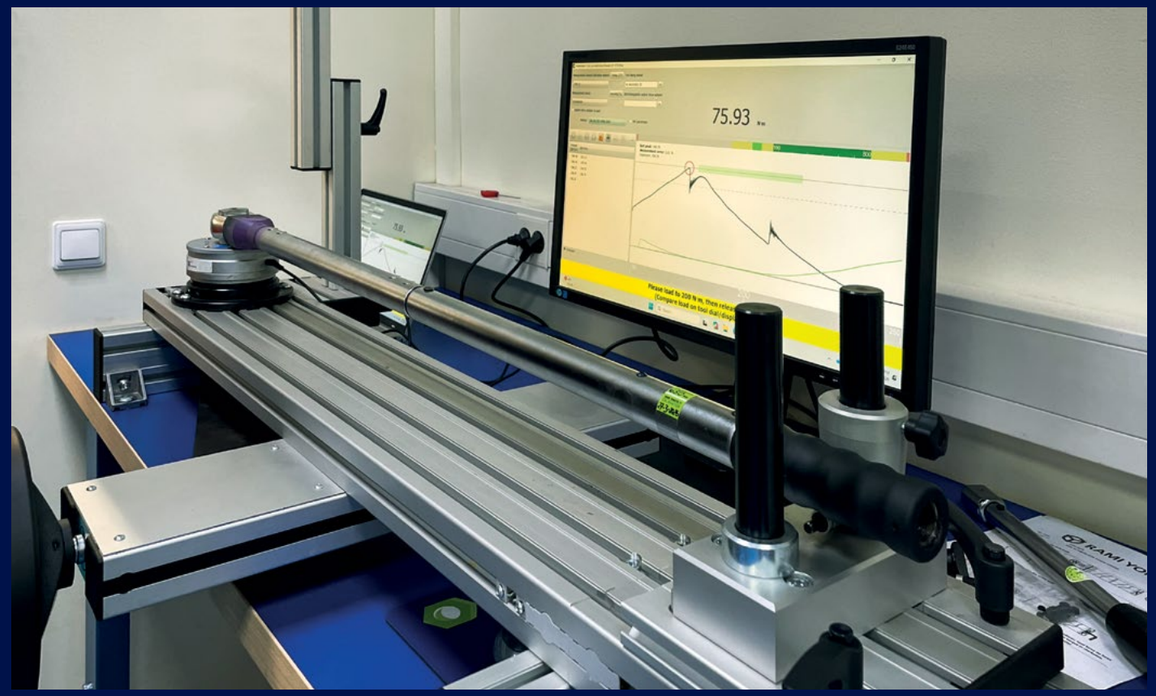
At Rami Yokota, reliability, speed, and continuity are our top priorities. With a 97% on-time delivery rate within 24-48 hours across Europe, we ensure your operations keep running smoothly. Through our focus on sustainability and knowledge sharing, we help you get the most out of your tools. Proper use extends service life, increases process reliability, and prevents unnecessary downtime and costs. With our Efficient Assembly Solutions concept, we advise you on selecting the right assembly tools. The result: higher productivity, fewer failures, and consistent, high-quality bolted joints under all conditions. At the same time, ergonomics and efficiency improve, while your operational costs decrease.

To ensure this performance, periodic calibration is essential. Through Rami Yokota, you can have NovaTork torque wrenches inspected, adjusted, and repaired. We are also happy to service tools from other brands, ensuring you remain assured of accuracy and reliability. In addition, we support you in creating a strong market presence. Whether it's your showroom or online store, we help you with a modern, professional setup that incorporates the latest innovations and ensures optimal turnover. This keeps your product range attractive and competitive.

NovaTork leads the way in innovation and continuously develops new solutions that simplify assembly and guarantee quality. Ease of use, precision, and process reliability form the foundation of this, with a focus on ergonomics and sustainability.

You always have access to up-to-date product information via our website, including specifications, instructional videos, and technical documentation. In addition, we offer a multilingual catalog and digital product data that can be easily integrated into your PIM system or online store. With Rami Yokota, you choose a committed partner who thinks along with you, takes care of everything, and contributes to an efficient and trouble-free production process.

MAINTENANCE



MAINTENANCE
We strive to avoid breakage and expensive interruption of your production processes through proper and thorough maintenance.

BEFORE USE
Read and store the user manual of your tool. It contains valuable information about the functioning of the tool and the safety recommendations. For the batteries of cordless tools: before use, charge the battery fully. Do not store the battery for periods longer than 6 months without discharging and charging them again.

WARRANTY
The warranty period from the date of purchase is as follows:

12 MONTHS
- Industrial cordless, electrical and air tools Yokota, Red Rooster and NovaTork.
- Hoists of Red Rooster

3 MONTHS
- On repairs and replaced spare parts, repaired by us or our recognized partners.

All NovaTork torque wrenches are extensively tested and come with a calibration report from the factory. This certificate is valid for 1 year after initial use, in accordance with ISO 6789-1.

Warranty covers clearly definable material and/or construction faults by the manufacturer. Replacement of parts or repair by an official partner of ours, is free of charge when the tool is covered by warranty. Freight or postage is the responsibility of the customer. Damage attributed to normal wear, overloading or incorrect use is excluded from warranty. Replacement of tools as a consequence of warranty claims is not part of the warranty arrangements. Claims for the loss of production and/or other damages are excluded from this warranty.

Repairs under warranty can only be considered when the tool is in its original state and it is accompanied by the purchase invoice. Warranty claims have to be made through the distributor who supplied the tool. We reserve the right to make unannounced changes/modifications to our tools.

These warranty conditions are based on an 8 hour working day.

TRAINING

TRAINING
Changes are continuously taking place as systems, guidelines or installations are renewed. New systems require new skills, which is why it is so important that you continue to train your employees. Rami Yokota's know how on products, applications, regulations and much more is something that we are happy to share with you. We will teach you everything about our products both from a theoretical and a practical point of view.

RAMI YOKOTA TRAINING
In our Head Office located in Amsterdam, the Netherlands we have a showroom and workshop with extensive training facilities which enable us to use actual tools when discussing every day practice. In addition to the practical elements of the training, the commercial and technical experience of our training team will prove of great benefit to your employees. Theoretical aspects are cleverly woven into one or two day courses, ensuring dynamic and exciting curriculum that will not be easily forgotten.

TRAINING MODULES
Our modules vary from basic training in the practical use of tools all the way to advanced training on highly specialised tools. Course material is always up-to-date and includes the most recent technologies in tools, processing and materials.

- General product training

During our general product training you will receive full knowledge about the necessary pre-conditions for the long-term trouble-free use of our (air)tools. You will also receive insight regarding the different solutions that Rami Yokota can offer for numerous applications and intensities of use those applications require.

- Assembly training

Market wide components are engineered with increasing detail, therefore bolt connections have to be calculated in a more detailed manner too. The choice of assembly tool is therefore of growing and greater importance. This training is specifically aimed at the assembly industry. After this training you will be enabled to give correct advice about the tools and their applications.

- Calibration of torque wrenches

Rami Yokota's calibration service is available for all brands of torque wrenches. If the measured values are out of tolerance, NovaTork torque wrenches can also be repaired. In all other cases, you will receive a proposal with an alternative product from NovaTork. If you purchase a replacement product, the inspection fee will be waived.

- E-learning

Our training program is now also available in separate e-learning modules and through Microsoft Teams. Interested in a training course at Rami Yokota or would you like some more information?

Then do get in touch with us via marketing@rami-yokota.com and inform us about your requirements.

SUPPORT

BROCHURES
We offer several information brochures and product leaflets to help you promote, explain and sell our products. The following brochures are available upon request in five languages (Dutch, English, German, French, Polish):

- Powertools
- Assembly Tools
- NovaTork Torque wrenches
- Action Impact Sockets
- Red Rooster Air Chain Hoists

All brochures have a space on the back for your stamp or sticker, enabling your customers to know where they can get direct knowledge/training and materials about their tools or potential purchases.

DEMONSTRATION
Many of our tools require explanation and even demonstration. Our sales staff are highly trained and available to plan visits with your staff so that the end customer can be convinced the proposed tool is the appropriate solution for their place of work. For appointments and further information please feel free to contact the sales person in your region, or our head office in Amsterdam.

INDEX

INDEX

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